

NEC3 Supply Contract (SC3)

Between **ESKOM HOLDINGS SOC Ltd**

(Reg No. 2002/015527/30)

and **[Insert at award stage]**

(Reg No. _____)

for **SUPPLY AND DELIVERY OF ELECTRICAL GENERAL CONSUMABLE SPARES ON AN AS AND WHEN REQUIRED BASIS FOR THE PERIOD OF FIVE (5) YEARS AT KUSILE POWER STATION**

Contents:		No of pages
Part C1	**Agreements & Contract Data**	**[32]**
Part C2	**Pricing Data**	**[59]**
Part C3	**Scope of Work**	

CONTRACT No. [Insert at award stage]

PART C1: AGREEMENTS & CONTRACT DATA

Contents: **No of pages**

C1.1 Form of Offer and Acceptance [3]

[to be inserted from Returnable Documents at award stage]

C1.2a Contract Data provided by the *Purchaser* [16]

C1.2b Contract Data provided by the *Supplier* **[●]**

[to be inserted from Returnable Documents at award stage]

C1.1 Form of Offer & Acceptance

Offer

The Purchaser, identified in the Acceptance signature block, has solicited offers to enter into a contract for the procurement of:

SUPPLY AND DELIVERY OF ELECTRICAL GENERAL CONSUMABLE SPARES ON AN AS AND WHEN REQUIRED BASIS FOR THE PERIOD OF FIVE (5) YEARS AT KUSILE POWER STATION

The tenderer, identified in the Offer signature block, has

	examined the documents listed in the Tender Data and addenda thereto as listed in the Returnable Schedules, and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance the tenderer offers to perform all of the obligations and liabilities of the *Supplier* under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the *conditions of contract* identified in the Contract Data.

	The offered total of the Prices exclusive of VAT is	**R**
	Value Added Tax @ 15% is	**R**

	The offered total of the amount due inclusive of VAT is[1]	**R**
	(in words)	

This Offer may be accepted by the Purchaser by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document including the Schedule of Deviations (if any) to the tenderer before the end of the period of validity stated in the Tender Data, or other period as agreed, whereupon the tenderer becomes the party named as the *Supplier* in the *conditions of contract* identified in the Contract Data.

Signature(s)

Name(s) .....

Capacity .....

For the tenderer: .....

(Insert name and address of organisation)

Name & signature of witness

Date .....

[1] This total is required by the *Purchaser* for budgeting purposes only. Actual amounts due will be assessed in terms of the *conditions of contract*.

Acceptance

By signing this part of this Form of Offer and Acceptance, the Purchaser identified below accepts the tenderer's Offer. In consideration thereof, the Purchaser shall pay the Supplier the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the Purchaser and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work: Goods Information including Supply Requirements

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Purchaser during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

The tenderer shall within two weeks of receiving a completed copy of this agreement, including the Schedule of Deviations (if any), contact the Purchaser's agent (whose details are given in the Contract Data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the *conditions of contract* identified in the Contract Data at, or just after, the date this agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed and signed original copy of this document, including the Schedule of Deviations (if any).

Signature(s)		
Name(s)	Christpher Nani	
Capacity	Power Station Manager	
for the Purchaser	**Eskom Holding SOC Ltd, Kusile Power Station, R545 Kendal/Balmoral Hartebeesfontein Farm, Witbank**	
	(Insert name and address of organisation)	
Name & signature of witness		Date

Note: If a tenderer wishes to submit alternative tenders, use another copy of this Form of Offer and Acceptance.

Schedule of Deviations to be completed by the *Purchaser* prior to contract award

Note:

1. This part of the Offer & Acceptance would not be required if the contract has been developed by negotiation between the Parties and is not the result of a process of competitive tendering.
2. The extent of deviations from the tender documents issued by the Purchaser prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender.
3. A tenderer's covering letter must not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid be the subject of agreement reached during the process of Offer and Acceptance, the outcome of such agreement shall be recorded here, and the final draft of the contract documents shall be revised to incorporate the effect of it.

No.	Subject	Details
1		
2		
3		
4		
5		
6		
7		

By the duly authorised representatives signing this Schedule of Deviations below, the Purchaser and the tenderer agree to and accept this Schedule of Deviations as the only deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules, as well as any confirmation, clarification or changes to the terms of the Offer agreed by the tenderer and the Purchaser during this process of Offer and Acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Form shall have any meaning or effect in the contract between the parties arising from this Agreement.

	For the tenderer:	*For the Purchaser*
Signature		
Name		Christopher Nani
Capacity		**Power Station Manager**
On behalf of	*(Insert name and address of organisation)*	**Eskom Holding SOC Ltd, Kusile Power Station, R545 Kendal/Balmoral Hartebeesfontein Farm, Witbank**
Name & signature of witness		
Date		

C1.2 SC3 Contract Data

Part one - Data provided by the *Purchaser*

Clause	Statement	Data
1	General	
	The *conditions of contract* are the core clauses and the clauses for Options	
		X1: Price adjustment for inflation
		X2: Changes in the law
		X7: Delay damages
		X17: Low-performance damages
		Z: *Additional conditions of contract*
	of the NEC3 Supply Contract (April 2013) [2]	
10.1	The *Purchaser* is (name):	**Eskom Holdings SOC Ltd (reg no: 2002/015527/30), a state-owned company incorporated in terms of the company laws of the Republic of South Africa**
	Address	**Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg**
	Tel No.	
	Fax No.	

[2] Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902, www.ecs.co.za.

10.1	The *Supply Manager* is (name): Address Tel Fax e-mail	
11.2(13)	The *goods* are	**SUPPLY AND DELIVERY OF ELECTRICAL GENERAL CONSUMABLE SPARES**
11.2(13)	The *services* are	**Delivery of spares to site**
11.2(14)	The following matters will be included in the Risk Register	**1. Late deliveries** **2. Components becoming obsolete due to rapid change in technology** **3. Offloading of goods at site** **4. Industrial Actions** **5. Community Strikes** **6. Goods Quality problems**
11.2(15)	The Goods Information is in	**Part 3: Scope of Work and all documents and drawings to which it makes reference.**
11.2(15)	The Supply Requirements as part of the Goods Information is in	**Annexure A to this Contract Data**
12.2	The *law of the contract* is the law of	**the Republic of South Africa**
13.1	The *language of this contract* is	**English**
13.3	The *period for reply* is	**Five (5) working days**

2	The *Supplier's* main responsibilities	**Data required by this section of the core clauses is provided by the *Supplier* in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data.**
3	Time	
30.1	The *starting date* is.	**TBC**
30.1	The *delivery date* of the *goods* and *service*s is:	***goods and services*** / ***delivery date***
		1 **Supply and Delivery of Electrical General Consumable Spares** / **Purchase Order**
30.2	The *Supplier* does not bring the *goods* to the Delivery Place more than one week before the Delivery Date.	
31.1	The *Supplier* is to submit a first programme for acceptance within	**Two (2) weeks after the kick – off meeting**
32.2	The *Supplier* submits revised programmes at intervals no longer than	**One (1) Month**
4	Testing and defects	
42	The *defects date* is	**Fifty – two (52) weeks after Delivery.**
43.2	The *defect correction period* is	**Within two (2) weeks after Purchasers notification of a defect**
	except that the *defect correction period* for	**Documentation is two (2) weeks**

	and the *defect correction period* for	**N/A**
42.2	The *defects access period* is	**Two (2) days**
	except that the *defect access period* for	**N/A**
	and the *defect access period* for	**N/A**
5	Payment	
50.1	The *assessment interval* is	**between the 25th day of each successive month.**
51.1	The *currency of this contract* is the	**South African Rand**
51.2	The period within which payments are made is	**Thirty (30) days.**
51.4	The *interest rate* is	**the publicly quoted prime rate of interest (calculated on a 365-day year) charged from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands.**
6	Compensation events	**There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.**
7	Title	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
8	Risks, liabilities, indemnities and insurance	
80.1	These are additional *Purchaser's* risks	**None**

88.1	The *Supplier's* liability to the *Purchaser* for indirect or consequential loss, including loss of profit, revenue and goodwill is limited to	**R0.0 (zero Rand)**
88.2	For any one event, the *Supplier's* liability to the *Purchaser* for loss of or damage to the *Purchaser's* property is limited to	**(1) for the *Purchaser's* existing and surrounding property in the care, custody and control of the *Supplier* the amount of the deductible (first amount payable) relevant to the event** **and** **(2) for all other existing *Purchaser's* property the applicable deductible as at contract date**
88.3	The *Supplier's* liability for Defects due to his design which are not notified before the last *defects date* is limited to:	**Contractor shall be liable to any damaged caused to Employers property, equipment, material and plant. Contractor shall be accountable for 25% of the damages caused per incident to a maximum of R25 000 000.**
88.4	The *Supplier's* total liability to the *Purchaser*, for all matters arising under or in connection with this contract, other than the excluded matters, is limited to	**Contractor shall be liable to any damaged caused to Employers property, equipment, material, and plant. Contactor shall be accountable for 25% of the damages caused per incident to a maximum of R25 000 000.**
88.5	The *end of liability date* is	**Two 2 years after Delivery of the whole of the *goods* and *service*s.**

9 Termination and dispute resolution

94.1	The *Adjudicator* is	**the person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the Party intending to refer a dispute to him. (see www.ice-sa.org.za). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).**
	Address	
	Tel No.	
	Fax No.	
	e-mail	
94.2(3)	The *Adjudicator nominating body* is:	**the Chairman of ICE-SA, a Division of the South African Institution of Civil Engineering, or its successor body (See www.ice-sa.org.za)**
94.4(2)	The *tribunal* is:	**arbitration**
94.4(5)	The *arbitration procedure* is	**the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.**
94.4(5)	The place where arbitration is to be held is	**South Africa**
	The person or organisation who will choose an arbitrator - if the Parties cannot agree a choice or - if the arbitration procedure does not state who selects an arbitrator, is	**the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.**

10 Data for Option clauses

X1	**Price adjustment for inflation**	**Prices will be fixed for Twelve (12) Months of the contract and CPA is applicable as from the thirteen (13) Month of the Contract**		
X1.1	The *base date* for indices is	**A month before tender closing date.**		
	The proportions used to calculate the Price Adjustment Factor are:	**proportion**	**linked to index for**	**Index prepared by**
		0.15	**non-adjustable**	
		1.00		
X2	**Changes in the law**			
X2.1	A change in the law of	**The republic of South Africa is a compensation event if it occurs after the Contract Date**		
X7	**Delay damages**			
X7.1	Delay damages for Delivery are	**Supply and Delivery of**	**amount per day**	
		Supply and delivery of Electrical General Consumable Spares	**Delay damages of 1 (one) % of the P.O value per day up to a maximum of 10% of the Purchase Order value for late deliveries will apply.**	
X17	**Low-performance damages**			

X17.1	The amounts for low-performance damages are:	**amount**	**performance level** **for:**
		1 % per total value of the Purchase order(s). **Limited to 10% of the total value of the Purchase Order(s) of the spares**	**1. For delivery of goods that does not meet the quality requirements**
Z	**The *additional conditions of contract* are**	**Z1 to Z15 always apply for Eskom**	

Z1 Cession delegation and assignment

Z1.1 The *Supplier* does not cede, delegate or assign any of its rights or obligations to any person without the written consent of the *Purchaser*.

Z1.2 Notwithstanding the above, the *Purchaser* may on written notice to the *Supplier* cede and delegate its rights and obligations under this contract to any of its subsidiaries or any of its present divisions or operations which may be converted into separate legal entities as a result of the restructuring of the Electricity Supply Industry.

Z2 Joint ventures

Z2.1 If the *Supplier* constitutes a joint venture, consortium or other unincorporated grouping of two or more persons or organisations then these persons or organisations are deemed to be jointly and severally liable to the *Purchaser* for the performance of this contract.

Z2.2 Unless already notified to the *Purchaser*, the persons or organisations notify the *Supply Manager* within two weeks of the Contract Date of the key person who has the authority to bind the *Supplier* on their behalf.

Z2.3 The *Supplier* does not alter the composition of the joint venture, consortium or other unincorporated grouping of two or more persons without the consent of the *Purchaser* having been given to the *Supplier* in writing.

Z3 Change of Broad Based Black Economic Empowerment (B-BBEE) status

Z3.1 Where a change in the *Supplier's* legal status, ownership or any other change to his business composition or business dealings results in a change to the *Supplier*'s B-BBEE status, the *Supplier* notifies the *Purchaser* within seven days of the change.

Z3.2 The *Supplier* is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the *Supply Manager* within thirty days of the notification or as otherwise instructed by the *Supply Manager*.

Z3.3 Where, as a result, the *Supplier's* B-BBEE status has decreased since the Contract Date the *Purchaser* may either re-negotiate this contract or alternatively, terminate the *Supplier*'s obligation to Provide the Goods and Services.

Z3.4 Failure by the *Supplier* to notify the *Purchaser* of a change in its B-BBEE status may constitute a reason for termination. If the *Purchaser* terminates in terms of this clause, the procedures on termination are P1, P2 and P3 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.

Z4 Confidentiality

Z4.1 The *Supplier* does not disclose or make any information arising from or in connection with this contract available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the *Supplier*, enters the public domain or to information which was already in the possession of the *Supplier* at the time of disclosure (evidenced by written records in existence at that time).

Should the *Supplier* disclose information to Others in terms of clause 23.1, the *Supplier* ensures that the provisions of this clause are complied with by the recipient.

Z4.2 If the *Supplier* is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the *Supply Manager*.

Z4.3 In the event that the *Supplier* is, at any time, required by law to disclose any such information which is required to be kept confidential, the *Supplier*, to the extent permitted by law prior to disclosure, notifies the *Purchaser* so that an appropriate protection order and/or any other action can be taken, if possible, prior to any disclosure. In the event that such protective order is not, or cannot, be obtained, then the *Supplier* may disclose that portion of the information which it is required to be disclosed by law and uses reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed.

Z4.4 The taking of images (whether photographs, video footage or otherwise) of the *goods* or any portion thereof, in the course of Providing the Goods and Services and after Delivery, requires the prior written consent of the *Supply Manager*. All rights in and to all such images vests exclusively in the *Purchaser*.

Z4.5 The *Supplier* ensures that all his subcontractors abide by the undertakings in this clause.

Z5 Waiver and estoppel: Add to core clause 12.3:

Z5.1 Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the *Supply Manager* or the *Adjudicator* does not constitute a waiver of rights and does not give rise to an estoppel unless the Parties agree otherwise and confirm such agreement in writing.

Z6 Health, safety and the environment: Add to core clause 25.4

Z6.1 The *Supplier* undertakes to take all reasonable precautions to maintain the health and safety of persons in and about the provision of the *goods* and execution of the *services*.

Without limitation the *Supplier*:

- warrants that the total of the Prices as at the Contract Date includes a sufficient amount for proper compliance with all applicable health & safety laws and regulations and the health and safety rules, guidelines and procedures provided for in this contract and generally for the proper maintenance of health & safety in and about the execution of supply and

- undertakes, in and about the execution of the supply, to comply with all applicable health & safety laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Supplier's* direction and control, likewise observe and comply with the foregoing.

Z6.2 The *Supplier*, in and about the execution of the supply, complies with all applicable environmental laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Supplier's* direction and control, likewise observe and comply with the foregoing.

Z7 Provision of a Tax Invoice and interest. Add to core clause 51

Z7.1 Within one week of receiving a payment certificate from the *Supply Manager* in terms of core clause 51.1, the *Supplier* provides the *Purchaser* with a tax invoice in accordance with the *Purchaser*'s procedures stated in the Goods Information, showing the amount due for payment equal to that stated in the payment certificate.

Z7.2 If the *Supplier* does not provide a tax invoice in the form and by the time required by this contract, the time by when the *Purchaser* is to make a payment is extended by a period equal in time to the delayed submission of the correct tax invoice. Interest due by the *Purchaser* in terms of core clause 51.2 is then calculated from the delayed date by when payment is to be made.

Z7.3 The *Supplier* (if registered in South Africa in terms of the companies Act) is required to comply with the requirements of the Value Added Tax Act, no 89 of 1991 (as amended) and to include the *Purchaser*'s VAT number 4740101508 on each invoice he submits for payment.

Z8 Notifying compensation events

Z8.1 Delete from the last sentence in core clause 61.3 the words, "unless the event arises from the *Supply Manager* giving an instruction, changing an earlier decision or correcting an assumption".

Z9 *Purchaser's* limitation of liability

Z9.1 The *Purchaser's* liability to the *Supplier* for the *Supplier's* indirect or consequential loss is limited to R0.00 (zero Rand)

Z9.2 The *Supplier*'s entitlement under the indemnity in 83.1 is provided for in 60.1(12) and the *Purchaser*'s liability under the indemnity is limited.

Z10 Termination: Add to core clause 91.1, at the second main bullet point, fourth sub-bullet point, after the words "against it":

Z10.1 or had a business rescue order granted against it.

Z11 Addition to secondary Option X7 Delay damages (if applicable in this contract)

Z11.1 If the amount due for the *Supplier*'s payment of delay damages reaches the limits stated in this Contract Data for Option X7, the *Purchaser* may terminate the *Supplier*'s obligation to Provide the Goods and Services using the same procedures and payment on termination as those applied for reasons R1 to R15 or R18 stated in the Termination Table.

Z12 Ethics

For the purposes of this Z-clause, the following definitions apply:

Affected Party	means, as the context requires, any party, irrespective of whether it is the *Supplier* or a third party, such party's employees, agents, or Subcontractors or Subcontractor's employees, or any one or more of all of these parties' relatives or friends,
Coercive Action	means to harm or threaten to harm, directly or indirectly, an Affected Party or the property of an Affected Party, or to otherwise influence or attempt to influence an Affected Party to act unlawfully or illegally,
Collusive Action	means where two or more parties co-operate to achieve an unlawful or illegal purpose, including to influence an Affected Party to act unlawfully or illegally,
Committing Party	means, as the context requires, the *Supplier*, or any member thereof in the case of a joint venture, or its employees, agents, or Subcontractors or the Subcontractor's employees,
Corrupt Action	means the offering, giving, taking, or soliciting, directly or indirectly, of a good or service to unlawfully or illegally influence the actions of an Affected Party,

Fraudulent Action	means any unlawfully or illegally intentional act or omission that misleads, or attempts to mislead, an Affected Party, in order to obtain a financial or other benefit or to avoid an obligation or incurring an obligation,
Obstructive Action	means a Committing Party unlawfully or illegally destroying, falsifying, altering or concealing information or making false statements to materially impede an investigation into allegations of Prohibited Action, and
Prohibited Action	means any one or more of a Coercive Action, Collusive Action Corrupt Action, Fraudulent Action or Obstructive Action.

Z12.1 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.

Z12.2 The *Purchaser* may terminate the *Supplier*'s obligation to Provide the Services if a Committing Party has taken such Prohibited Action and the *Supplier* did not take timely and appropriate action to prevent or remedy the situation, without limiting any other rights or remedies the *Purchaser* has. It is not required that the Committing Party had to have been found guilty, in court or in any other similar process, of such Prohibited Action before the *Purchaser* can terminate the *Supplier*'s obligation to Provide the Services for this reason.

Z12.3 If the *Purchaser* terminates the *Supplier*'s obligation to Provide the Services for this reason, the amounts due on termination are those intended in core clauses 92.1 and 92.2.

Z12.4 A Committing Party co-operates fully with any investigation pursuant to alleged Prohibited Action. Where the *Purchaser* does not have a contractual bond with the Committing Party, the *Supplier* ensures that the Committing Party co-operates fully with an investigation.

Z13 Insurance

Z 13.1 Replace core clause 84 with the following:

Insurance cover **84**

84.1 When requested by a Party, the other Party provides certificates from his insurer or broker stating that the insurances required by this contract are in force.

84.2 The *Supplier* provides the insurances stated in the Insurance Table A for events which are at the *Supplier*'s risk from the

starting date until the last *defects date* or a termination certificate has been issued.

INSURANCE TABLE A

Insurance against	**Minimum amount of cover or minimum limit of indemnity**
Loss of or damage to the *goods*, plant and materials	The replacement cost where not covered by the *Purchaser'*s insurance. The *Purchaser*'s policy deductible as at Contract Date, where covered by the *Purchaser'*s insurance.
Liability for loss of or damage to property (except the *goods*, plant and materials and equipment) and liability for bodily injury to or death of a person (not an employee of the *Supplier*) caused by activity in connection with this contract	**Loss of or damage to property** *Purchaser*'s property The replacement cost where not covered by the *Purchaser'*s insurance. The *Purchaser*'s policy deductible as at Contract Date, where covered by the *Purchaser'*s insurance. Other property The replacement cost **Death of or bodily injury** The amount required by the applicable law.
Liability for death of or bodily injury to employees of the *Supplier* arising out of and in the course of their employment in connection with this contract	The amount required by the applicable law

Z_13.2 Replace core clause 87 with the following:

Insurance by the *Purchaser*

87

87.1 The *Purchaser* provides the insurances stated in the Insurance Table B

INSURANCE TABLE B

Insurance against or name of policy	**Minimum amount of cover or minim limit of indemnity**
Assets All Risk	Per the insurance policy document
Contract Works insurance	Per the insurance policy document
Environmental Liability	Per the insurance policy document
General and Public Liability	Per the insurance policy document
Transportation (Marine)	Per the insurance policy document
Motor Fleet and Mobile Plant	Per the insurance policy document
Terrorism	Per the insurance policy document
Cyber Liability	Per the insurance policy document
Nuclear Material Damage and Business Interruption	Per the insurance policy document
Nuclear Material Damage Terrorism	Per the insurance policy document

Z14 Nuclear Liability

Z14.1 The *Purchaser* is the operator of the Koeberg Nuclear Power Station (KNPS), a nuclear installation, as designated by the National Nuclear Regulator of the Republic of South Africa, and is the holder of a nuclear licence in respect of the KNPS.

Z14.2 The *Purchaser* is solely responsible for and indemnifies the *Supplier* or any other person against any and all liabilities which the *Supplier* or any person may incur arising out of or resulting from nuclear damage, as defined in Act 47 of 1999, save to the extent that any liabilities are incurred due to the unlawful intent of the *Supplier* or any other person or the presence of the *Supplier* or that person or any property of the *Supplier* or such person at or in the KNPS or on the KNPS site, without the permission of the *Purchaser* or of a person acting on behalf of the *Purchaser*.

Z14.3 Subject to clause Z14.4 below, the *Purchaser* waives all rights of recourse, arising from the aforesaid, save to the extent that any claims arise or liability is incurred due or attributable to the unlawful intent of the *Supplier* or any other person, or the presence of the *Supplier* or that person or any property of the *Supplier* or such person at or in the KNPS or on the KNPS site, without the permission of the *Purchaser* or of a person acting on behalf of the *Purchaser*.

Z14.4 The *Purchaser* does not waive its rights provided for in section 30 (7) of Act 47 of 1999, or any replacement section dealing with the same subject matter.

Z14.5 The protection afforded by the provisions hereof shall be in effect until the KNPS is decommissioned.

Z15 Asbestos

For the purposes of this Z-clause, the following definitions apply:

AAIA	means approved asbestos inspection authority.
ACM	means asbestos containing materials.
AL	means action level, i.e. a level of 50% of the OEL, i.e. 0.1 regulated asbestos fibres per ml of air measured over a 4-hour period. The value at which proactive actions is required in order to control asbestos exposure to prevent exceeding the OEL.
Ambient Air	means breathable air in area of work with specific reference to breathing zone, which is defined to be a virtual area within a radius of approximately 30cm from the nose inlet.
Compliance Monitoring	means compliance sampling used to assess whether or not the personal exposure of workers to regulated asbestos fibres is in compliance with the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
OEL	means occupational exposure limit.
Parallel Measurements	means measurements performed in parallel, yet separately, to existing measurements to verify validity of results.
Safe Levels	means airborne asbestos exposure levels conforming to the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
Standard	means the *Purchaser*'s Asbestos Standard 32-303: Requirements for Safe Processing, Handling, Storing, Disposal and Phase-out of Asbestos and Asbestos Containing Material, Equipment and Articles.
SANAS	means the South African National Accreditation System.
TWA	means the average exposure, within a given workplace, to airborne asbestos fibres, normalized to the baseline of a 4-hour continuous period, also applicable to short term exposures, i.e. 10-minute TWA.

Z15.1 The *Purchaser* ensures that the Ambient Air in the area where the *Supplier* will Provide the Services conforms to the acceptable prescribed South African standard for asbestos, as per the regulations published in GNR 155 of 10 February 2002, under the Occupational Health and Safety Act, 1993 (Act 85 of 1993) ("Asbestos Regulations"). The OEL for asbestos is 0.2 regulated asbestos fibres per millilitre of air as a 4-hour TWA, averaged over any continuous period of four hours, and the short term exposure limit of 0.6 regulated asbestos fibres per millilitre of air as a 10-minute TWA, averaged over any

10 minutes, measured in accordance with HSG248 and monitored according to HSG173 and OESSM.

Z15.2 Upon written request by the *Supplier*, the *Purchaser* certifies that these conditions prevail. All measurements and reporting are effected by an independent, competent, and certified occupational hygiene inspection body, i.e. a SANAS accredited and Department of Employment and Labour approved AAIA. The *Supplier* may perform Parallel Measurements and related control measures at the *Supplier*'s expense. For the purposes of compliance the results generated from Parallel Measurements are evaluated only against South African statutory limits as detailed in clause Z15.1. Control measures conform to the requirements stipulated in the AAIA-approved asbestos work plan.

Z15.3 The *Purchaser* manages asbestos and ACM according to the Standard.

Z15.4 In the event that any asbestos is identified while Providing the Services, a risk assessment is conducted and if so required, with reference to possible exposure to an airborne concentration of above the AL for asbestos, immediate control measures are implemented and relevant air monitoring conducted in order to declare the area safe.

Z15.5 The *Supplier*'s personnel are entitled to stop working and leave the contaminated area forthwith until such time that the area of concern is declared safe by either Compliance Monitoring or an AAIA approved control measure intervention, for example, per the emergency asbestos work plan, if applicable.

Z15.6 The *Supplier* continues to Provide the Services, without additional control measures presented, on presentation of Safe Levels. The contractually agreed dates to Provide the Services, including the Completion Date, are adjusted accordingly. The contractually agreed dates are extended by the notification periods required by regulations 3 and 21 of the Asbestos Regulations.

Z15.7 Any removal and disposal of asbestos, asbestos containing materials and waste, is done by a registered asbestos contractor, instructed by the *Purchaser* at the *Purchaser*'s expense, and conducted in line with South African legislation.

Annexure A: Supply Requirements

[Notes: The example given in the NEC3 Supply Contract Guidance Notes pages 15 to 20 inclusive is based on Incoterms 2000. However users will probably wish to use Incoterms 2010 which the details below are based on. Users may need to adjust the information to comply with actual requirements. First decide whether Incoterms will be used or not, then delete the arrangement below which does not apply and delete these notes]

The Supply Requirements for this contract are based on the use of INCOTERMS:

The *Supplier* supplies the *goods* in accordance with INCOTERMS 2010[3] as follows:

[3] International Chamber of Commerce, Incoterms 2010, Paris, January 2011

[Select the group and then term within the group which applies and state the applicable delivery place. Delete all the other groups and this note]

Group	Category	Term	Delivery Place
E	departure	EXW	
F	main carriage unpaid	FCA, FAS, FOB	
C	main carriage paid	CFR, CIF, CPT, CIP	
D	arrival	DAT, DAP, DDP	

The Parties obligations described in Incoterms for the category and term selected are now incorporated into this contract as part of the Supply Requirements and hence the Goods Information.

The obligations of seller and buyer for the selected Incoterm determine each Party's costs, risks and insurance requirements incidental to the supply and transport of the *goods* from *Supplier* to *Purchaser*.

For each of the thirteen terms, Incoterms set out obligations of the seller (the *Supplier*) in ten paragraphs identified as A1 to A10 and the corresponding obligations of the buyer (the *Purchaser*) in paragraphs B1 to B10. These obligations cover the following subjects:

A	**The *Supplier*'s obligations**	B	**The *Purchaser*'s obligations**
A1	Provision of goods in conformity with contract	**B1**	Payment of the price
A2	Licences, authorisations and formalities	**B2**	Licences, authorisations and formalities
A3	Contracts of carriage and insurance	**B3**	Contracts of carriage and insurance
A4	Delivery	**B4**	Taking delivery
A5	Transfer of risks	**B5**	Transfer of risks
A6	Division of costs	**B6**	Division of costs

A7	Notice to the buyer	**B7**	Notice to the seller
A8	Proof of delivery, transport document or equivalent electronic message	**B8**	Proof of delivery, transport document or equivalent electronic message
A9	Checking - packing - marking	**B9**	Inspection of goods
A10	Other obligations	**B10**	Other obligations

[Should there be a need to amplify any of the published obligations listed above for the chosen INCOTERM, add them here.]

All other information NOT pertinent to the above is given in the balance of the Goods Information

The Supply Requirements for this contract are as follows:

[Use these when INCOTERMS do not apply].

1. The requirements for the supply are	- No compensation is payable if the Supplier arrives on site without prior arrangement with Purchaser. - All goods shall be delivered to the main stores. - The Purchaser has the right to refuse acceptance of any consumables which in the opinion of the Purchaser, does not meet the requirements specified and will have a detrimental effect on equipment/ plant performance. - The Supplier ensures that all items to be supplied are to the standard and quality accepted by the Purchaser and ensures that they are suitable for the purpose intended for by the manufacturer. - Material (TEST) certificates as well as complete data packs will be submitted with all the electrical general consumable spares that will be delivered on site. - The Supplier shall have no claim against the Purchaser in respect of delay due to the above constrains As business requirements might change in future, items that are not listed on the price list might be procured via this contract. The Supplier will use the same pricing strategy for unlisted items as was used for listed items.	
2. The requirements for transport are	Supplier is responsible for transporting the goods to the delivery place	
3. The delivery place is	Kusile Power Station – Main Stores	
4. Actions of the Parties during supply	**Action**	**Party which does it**
	Giving notice of Delivery	Supplier
	Checking packing and marking before dispatch	Supplier
	Contracting for transport	Supplier
	Pay costs of transport	Supplier
	Arrange access to delivery place	Purchaser

	Loading the *goods*	Supplier
	Unloading the *goods*	Purchaser
For international procurement	Undertake export requirements	
	Undertake import requirements	
5. Information to be provided by the *Supplier*	**Title of document**	
	Packing lists for cases and their contents	
	Copy of invoice for the *goods*	
	Delivery Note	
	Test results and maintenance manuals	
For international procurement	Licences, authorisations and other formalities associated with export of the *goods*	
	Air Waybill or Bill of Lading with associated landing, delivery and forwarding order	
	The Bill of Entry endorsed by the importation authority	
	Customs work sheets, showing tax, duties and surcharges which the law of the country into which the *goods* are being imported requires the importer to pay	
	Invoice from the importation clearing agent showing airline fees, landing charges, wharfage and dock dues as applicable	
	Specify other import documents required by authorised officials.	

All other information NOT pertinent to the above is given in the balance of the Goods Information

C1.2 Contract Data

Part two - Data provided by the *Supplier*

[Instructions to the contract compiler: (delete this note before issue to tenderers with an enquiry)

Whenever a cell is shaded in the left-hand column it denotes this data is optional and would be required in relation to the option selected. In the event that the option is not required select and delete the whole row.]

Notes to a tendering supplier:

1. Please read both the NEC3 Supply Contract (SC3)[4] and the relevant parts of its Guidance Notes (SC3-GN)[5] in order to understand the implications of this Data which the tenderer is required to complete.
2. The number of the clause which requires the data is shown in the left-hand column for each statement however other clauses may also use the same data
3. Where a form field like this [ ] appears, data is required to be inserted relevant to the option selected. Click on the form field ***once*** and type in the data. Otherwise, complete by hand and in ink.

Completion of the data in full, according to Options chosen, is essential to create a complete contract.

Clause	Statement	Data
10.1	The *Supplier* is (Name): Address Tel No.	

[4] Either April 2013 or December 2009 Edition as stated by *Purchaser* in Contract Data part 1.
[5] Available from Engineering Contract Strategies Tel 011 803 3008, Fax 086 539 1902, or www.ecs.co.za

Fax No.

11.2(8)	The Goods Information for the *Supplier's* design is in:	
11.2(11)	The tendered total of the Prices is	**R ,** **(in words)**
11.2(12)	The *price schedule* is in:	
11.2(14)	The following matters will be included in the Risk Register	
25.2	The restrictions to access for the *Supply Manager* and Others to work being done for this contract are	
30.1	The *delivery date* of the *goods* and *service*s is:	

	goods and services	***delivery date***
1		
2		
3		

31.1	The programme identified in the Contract Data is contained in:	

Part 2: Pricing Data

NEC3 Supply Contract

Document reference	Title	No of pages
C2.1	Pricing assumptions	2
C2.2	The *price schedule*	

C2.1 Pricing assumptions

How *goods* and *service*s are priced and assessed for payment

Clause 11 in NEC3 Supply Contract, (SC3) core clauses states:

Identified and defined terms	11	
	11.2	(11) The Prices are the amounts stated in the price column of the Price Schedule. Where a quantity is stated for an item in the Price Schedule, the Price is calculated by multiplying the quantity by the rate. (12) The Price Schedule is the *price schedule* unless later changed in accordance with this contract.
Assessing the amount due	50.2	The amount due is • the Price for each lump sum item in the Price Schedule which the *Supplier* has completed, • where a quantity is stated for an item in the Price Schedule, an amount calculated by multiplying the quantity which the *Supplier* has completed by the rate, • plus, other amounts to be paid to the *Supplier*, • less amounts to be paid by or retained from the *Supplier*. Any tax which the law requires the *Purchaser* to pay to the *Supplier* is included in the amount due.

This confirms that the Supply Contract is a priced contract where the Prices are derived from a list of items of *goods* and *service*s which can be priced as lump sums or as expected quantities of *goods* and *service*s multiplied by a rate, or a mix of both.

Function of the Price Schedule

Clause 53.1 states: "Information in the Price Schedule is not Goods Information". This confirms that instructions to do work or how it is to be done are not included in the Price Schedule but in the Goods Information. This is further confirmed by Clause 20.1 which states, "The *Supplier* Provides the Goods and Services in accordance with the Goods Information". Hence the *Supplier* does **not** Provide the Goods and Services in accordance with the Price Schedule. The Price Schedule is only a pricing document.

Preparing the *price schedule*

Items in the *price schedule* may have been inserted by the *Purchaser,* and the tendering supplier should insert any additional items which he considers necessary. Whichever party provides the items in the *price schedule* the total of the Prices is assumed to be fully inclusive of everything necessary to Provide the Goods and Services as described at the time of entering into this contract.

It will be assumed that the tendering supplier has

- Read Pages 8, 11, 12 and Appendix 5 of the SC3 Guidance Notes before preparing the *price schedule*.
- Included in his Prices and rates for correction of Defects (core clause 43.1) as there is no compensation event for this unless the Defect is due to a *Supplier's* risk.
- Spread the cost of doing work he chooses not to list as separate items in the *price schedule* across other Prices and rates in order to fulfil the obligation to Provide the Goods and Services for the tendered total of the Prices.
- Understood that there is no adjustment to lump sum prices in the *price schedule* if the amount, or quantity, of work within that lump sum item later turns out to be different to that which the *Supplier* estimated at time of tender. The only basis for a change to the Prices is as a result of a compensation event per clause 60.1;
- Understood that the *Supplier* does not have to allow in his Prices and rates for matters that may arise as a result of a compensation event.

Format of the *price schedule*

Entries in the first four columns in the *price schedule* in section C2.2 are made either by the *Purchaser* or the tendering supplier.

If the *Supplier* is to be paid an amount for the item which is not adjusted if the quantity of work in the item changes, the tendering supplier enters the amount in the Price column only, the Unit, Quantity and Rate columns being left blank.

If the *Supplier* is to be paid an amount for the item which is the rate for the item multiplied by the quantity completed, the tendering *Supplier* enters the rate which is then multiplied by the Quantity to produce the Price, which is also entered.

If the *Supplier* is to be paid an amount for an item proportional to the length of time for which the *goods* and *service*s are provided, a unit of time is stated in the Unit column and the length of time (as a quantity of the stated units of time) is stated in the Quantity column.

C2.2 the *price schedule*

ITEM NO	MATERIAL NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	0144652	BATTERY, DRY CELL: MATERIAL: ALKALINE; POTENTIAL: 1.5 VDC; DIMENSIONS: D; CONNECTION: FLAT TERMINALS; SUPPL P/N: MN1300; REFERENCE NO: LR20; AMP HOUR 1300MIN, SAFETY DATA SHEETS REQUIRED ON DELIVERY HAZARDOUS SUBSTANCES; THIS PRODUCT IS CLASSIFIED AS A HAZARDOUS SUBSTANCE AND SAFETY BROCHURES MUST ACCOMPANY DELIVERY; IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT (OHSA) ACT85 OF 1993 SECTION 10 AND 11	No	500		
2	0643367	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; POLES: 2; CURRENT RATING: 4 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	150		
3	0607755	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 690 VAC; CONNECTION TYPE: CLIP IN; DIMENSIONS: WD 97 X LG 130 X HT 50 MM; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 269; OEM P/N: 3NE1021-0	No	90		
4	0623493	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 500 VDC; CONNECTION TYPE: PUSH IN; DIMENSIONS: DIA 22 X LG 58 MM; INTERRUPT CAPACITY: 120 KA; TYPE: CYLINDRICAL; CASE MATERIAL: CERAMIC; SPECIFICATION: EN60289; IEC 60289; SUPPL P/N: 440104; WITH INDICATOR; CLASS: GG	No	90		
5	0647010	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 500 VDC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 31 X LG 92.2 MM; CASE MATERIAL: CERAMIC; SPECIFICATION: A50QS; SUPPL P/N: A50QS125-4	No	90		
6	0626281	FUSE: TYPE: CYLINDRICAL; CURRENT: 8 A; MATERIAL: CERAMIC; POTENTIAL: 500 VAC; CONNECTION: PUSH IN; DIMENSIONS: DIA 10 X LG 38 MM; SUPPL P/N: 420008	No	90		
7	0584283	LINK, FUSE: TYPE: SEMICONDUCTOR PROTECTION; CURRENT: 125 A; POTENTIAL: 690; SPECIFICATION: IEC269; MANUF P/N: 3NE1022-0; OPERATING CLASS: G5; SWITCHING CAPACITY CURRENT: 100KA; ACTIVE POWER LOSS: 11W PER POLE	No	120		
8	0583338	MONITOR: TYPE: CONSUMPTION; RANGE: 0-1200KV/0-120KA; POWER SOURCE: 400V/1A; 5A/200MV; MANUF P/N: 7KM2112-OABOO-3AAO	No	15		

9	0642268	MOTOR, BRAKE: POWER: 7.5 KW; SPEED: 1455 RPM; FRAME: 132M; CURRENT: 14.8 A; POTENTIAL: 400 VAC; PHASE: 3; CLASSIFICATION: ZONE 21; REFERENCE NO: 1017117284; SUPPL P/N: 1141C120; PROTECTION: IP65; EXTDA21; BRAKE TO HAVE LIMIT SWITCHVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	15		
10	0124107	PLUG, ELECTRICAL: TYPE: WELDING; POLE: 4; WIRE: 4; POTENTIAL: 380 VAC; CURRENT: 63 A; SUPPL P/N: 203646; MALE; MATERIAL PLASTIC; TOTAL 5 PINS; 50HZ	No	72		
11	0123796	PLUG, ELECTRICAL: TYPE: TOP; POLE: 3; WIRE: 3; POTENTIAL: 250 VAC; CURRENT: 16 A; REFERENCE NO: PT/LX16A2P/PVCR, UNK; WIRING DEVICE; TO BE SECURED BY SCREWS AND NOT SNAPPED; SABS APPROVED; SCREWLESS CORD GRIP	No	78		
12	0580241	PROTECTOR: TYPE: SURGE ARRESTOR; MANUF P/N: BR6; ELECTRICAL RATING: 400V, 25KA	No	45		
13	0190247	RELAY, CONTROL: CONTACT RATING: 1-250 V 5 A 0.1 MA; COIL VOLTAGE: 24 VAC/DC; REFERENCE NO: 3TX7002-1FB02	No	201		
14	0575163	RELAY, CONTROL: CONTACT RATING: 10A; CONTACT ARRANGEMENT: 3 CHANGE OVER; COIL VOLTAGE: 24 VDC; ACTION: 6, 3; MOUNT: RAIL; TERMINAL: SCREW; ENCLOSURE RATING: IP50; TYPE: PLUG IN; MANUF P/N: LZX; PT370024	No	60		
15	0246124	RELAY, OVERLOAD: TRIP RANGE: 11-16 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; MOUNT: DIRECT; APPLICATION: CONTACTOR MOTOR STARTER 3RT1; SUPPL P/N: 3RU1126-4ABO	No	18		
16	0239137	RELAY: TYPE: INTERPOSING; COIL VOLTAGE: 24 VDC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 230 VAC 10 A; TERMINAL: 11 PIN; MOUNT: PANEL; CONTACT MATERIAL: STL; DRAWING NO: K2F/G/H REV 1; REFERENCE NO: 60.13.9.024.00.40, UNK; CLOSED ENCLOSURE, ALARM INDICATOR	No	36		
17	0583384	RELAY: TYPE: UNDERVOLTAGE; COIL VOLTAGE: 230 V; CONTACT RATING: 6 A; ACTION: 3P; TERMINAL: 5 TOP/ 5 BOTT/ SCREW; MOUNT: RAIL; MANUF P/N: BA9043/002; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	35		
18	0653638	STARTER, LAMP: LAMP STYLE: FLUORESCENT; POTENTIAL: 230 VAC; POWER: 24 W; QUICKTRONIC DALI DIM T5-ECG DIMMABLE DAL FOR FL 16MM; PART NO: QTI-DALI-2X28/S4DIM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	35		
19	0631040	SWITCH, PUSHBUTTON: HEAD STYLE: FLAT RD BUTTON; COLOR: BLACK/RED; ELECTRICAL RATING: 400 VAC 10 A; ACTION: DPST; CONTACT ARRANGEMENT: 1NO 1NC; MOUNT: FRONT; SIZE: DIA 22 MM; APPLICATION: LOCAL START SWITCH; HOUSING: PLASTIC MOLDED; PART NO: 3SB3201-0AA21; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	72		
20	0631039	SWITCH, PUSHBUTTON: HEAD STYLE: FLAT RD BUTTON; COLOR: BLACK/GREEN; ELECTRICAL RATING: 400 VAC 10 A; ACTION: DPST; CONTACT ARRANGEMENT: 1NO 1NC; MOUNT: FRONT; SIZE: DIA 22 MM; APPLICATION: LOCAL STOP SWITCH; HOUSING: PLASTIC MOLDED; PART NO: 3SB3201-0AA41; VENDORS ARE RESPONSIBLE FOR	No	72		

		ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
21	0626296	THERMOSTAT: TYPE: VIGITHERME; RANGE: -40 TO 180 DEG C; POTENTIAL: 250 VAC; CURRENT: 6 A; PART NO: M16; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	72		
22	0642413	TRANSFORMER, POWER: APPARENT POWER: 200 KVA; POTENTIAL: 6.6/0.4 KV; CURRENT: 288/19 A; IMPEDANCE: 4.82 OHM; VECTOR GROUP: DYN11; FREQUENCY: 50 HZ; TAPPING: 5; TYPE: DRY; NON SPARKING FOR ZONE21; HAZARDOUS CERTIFICATE TO BE PROVIDED ON EACH DELIVERY; SERIAL NO: 1N13022087; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	5		
23	0644931	TRANSFORMER: TYPE: PRIMARY/SECONDARY POWER SUPPLY; CURRENT: 0.035 A; POTENTIAL: 0-100/0-18 VDC; HV/MV APPLICATIONS; SERIAL NO: 0301591; PART NO: 1G-AVRI-TRANS/100; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	15		
24	0238543	UNIT, CONTROL: SUPPL P/N: 1MRS090418 - AA; TYPE REA 105; USE WITH ARC PROTECTION RELAY AS A SYSTEM	No	30		
25	0583396	BASE, RELAY: TYPE: PLUG IN; WIDTH: 28 MM; MATERIAL: PLASTIC; MANUF P/N: LZS:PT78730; WITH 3 CHANGEOVER CONTACTS; SCREW TYPE TERMINAL	No	33		
26	0583397	BASE, RELAY: TYPE: STAND ALONE; WIDTH: 45 MM; HEIGHT: 87 MM; MATERIAL: PLASTIC; MANUF P/N: 3RU2916-3AA01; CREW TYPE TERMINAL	No	33		
27	0583398	BASE, RELAY: TYPE: STAND ALONE; WIDTH: 45 MM; HEIGHT: 97 MM; MATERIAL: PLASTIC; MANUF P/N: 3RU1926-3AA01; SCREW TYPE TERMINAL	No	33		
28	0673847	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: FIX; TYPE: AIR CB; POLES: 3; CURRENT RATING: 630 A; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 1000 V; IMPULSE WITHSTAND VOLTAGE: 55 KV; SHORT TIME CURRENT: 7560 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; POLLUTION CLASS: 3; SPECIFICATION: IEC 60947-2; APPLICATION: MOTOR CONTROL CENTER RADIAL STACKER; PROTECTION: IP20+LSING; SUPPL P/N: 3WL1106-2FG32-1AA24GN; SUPPLY WITH ELECTRONIC TRIP UNIT ETU45-LSING-0-4-1A; WITH PROBUS COMMUMICATION MODULE	No	33		
29	0581969	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 1.6 KA; POLE: 3; FRAME: WCB/GUIDE; HEIGHT: 465.5 MM; TYPE: AIR; MOUNT: DRAWER; INTERRUPT CAPACITY: 55 KA; MANUF P/N: 3WL1116-2CB36-6GA4-Z740; 3WL1116-2CB36-6GA4-Z740+R21+C20+C22+K07+R15	No	33		
30	0575250	EARTH LEAKAGE: TYPE: UNIT; CURRENT: 63 MA; POTENTIAL: 400 VAC; POLE: 3; LEAKAGE CURRENT: 30 MA; MANUF P/N: 5SM1346-0	No	43		

31	0251421	BREAKER, CIRCUIT: POTENTIAL: 400 V; CURRENT: 6 A; POLE: 1; TYPE: MINIATURE; INTERRUPT CAPACITY: 10 KA; SUPPL P/N: 5SX4106-7RC	No	50		
32	0251422	BREAKER, CIRCUIT: POTENTIAL: 400 V; CURRENT: 10 A; POLE: 1; TYPE: MINIATURE; INTERRUPT CAPACITY: 10 KA; SUPPL P/N: 5SX4110-7RC	No	72		
33	0251423	BREAKER, CIRCUIT: POTENTIAL: 400 V; CURRENT: 16 A; POLE: 1; TYPE: MINIATURE; INTERRUPT CAPACITY: 10 KA; SUPPL P/N: 5SX4116-7RC	No	140		
34	0251425	BREAKER, CIRCUIT: POTENTIAL: 400 V; CURRENT: 32 A; POLE: 1; TYPE: MINIATURE; INTERRUPT CAPACITY: 10 KA; SUPPL P/N: 5SX4132-7RC	No	31		
35	0251432	BREAKER, CIRCUIT: POTENTIAL: 400 V; CURRENT: 32 A; POLE: 3; TYPE: MINIATURE; INTERRUPT CAPACITY: 10 KA; SUPPL P/N: 5SX4332-7RC	No	201		
36	0581985	BREAKER, CIRCUIT: POTENTIAL: 240 VAC; CURRENT: 6 A; POLE: 2; TYPE: MCB; INTERRUPT CAPACITY: 10 KA; MANUF P/N: 5SX4206-7RC	No	76		
37	0581987	BREAKER, CIRCUIT: POTENTIAL: 400 V; CURRENT: 20 A; POLE: 2; TYPE: MCB; INTERRUPT CAPACITY: 10 KA; MANUF P/N: 5SX4220-7RC	No	201		
38	0581988	BREAKER, CIRCUIT: POTENTIAL: 240 VAC; CURRENT: 25 A; POLE: 2; TYPE: MCB; INTERRUPT CAPACITY: 10 KA; MANUF P/N: 5SX4225-7RC	No	76		
39	0581989	BREAKER, CIRCUIT: POTENTIAL: 400 VAC; CURRENT: 63 A; POLE: 4; TYPE: MCB; INTERRUPT CAPACITY: 10 KA; MANUF P/N: 5SX4463-7RC	No	201		
40	0639472	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL 35 MM; TYPE: MCB; POLES: 2; CURRENT RATING: 10 A; VOLTAGE PROTECTION LEVEL: 4 KVAC; RATED INSULATION VOLTAGE: 400 VAC; IMPULSE WITHSTAND VOLTAGE: 440 VAC; SHORT TIME CURRENT: 10.5 A; POLLUTION CLASS: 3; SPECIFICATION: IEC 60947-2; APPLICATION: LINE PROTECTION; PROTECTION: TYPE K; SUPPL P/N: S20M-K10UC, 2CDS272061R0427	No	201		
41	0575245	SHUNT: TYPE: RELEASE; RATING: 230 VAC; MANUF P/N: 3VL9400-1ST00; ACCESSORY FOR VL16OX, VL160, VL250 AND VL40D; 208-277 VAV; RIGHT POLE ONLYVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	76		
42	0575238	CONTACTOR: TYPE: INSTA; LINE VOLTAGE: 440 VAC; COIL VOLTAGE: 230 V; CURRENT: 24 A; POLE: 4; ENCLOSURE RATING: IP20; CONTACT ARRANGEMENT: 4NO; MANUF P/N: 5TTS730-0 AC1	No	69		
43	0575243	CONTACTOR: LINE VOLTAGE: 400 VAC; COIL VOLTAGE: 230 V; CURRENT: 7 A; POLE: 3; CONTACT ARRANGEMENT: 1NO 2NC; MANUF P/N: 3RT2015-1AP01	No	193		

44	0635532	TRANSFORMER, POTENTIAL: TYPE: VOLTAGE CONTROL; PHASE: 3; INPUT POTENTIAL: 400 VAC; OUTPUT POTENTIAL: 110 VAC; BURDEN: 50 VA; CREEPAGE: 2 MM; POTENTIAL: 400-110 VAC; WINDING TYPE: Y-Y; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	65		
45	0708415	TRANSFORMER, CURRENT: POTENTIAL: 400 V; CURRENT: 600 A; SHORT CIRCUIT CURRENT: 24 KA; CORE TYPE: 2P TPY; CREEPAGE: 57 MM; APPARENT POWER: 10 VA; PHASE: 1; STYLE: ROUND SHAPED CORE; COOLING TYPE: NATURAL AIR; INCLOSURE TYPE: IP55; WINDING MATERIAL: COPPER; CURRENT RATIO: 600/1; TYPE: RING; CLASS: 5P20; SUPPL P/N: 1600CT	No	76		
46	0575275	MODULE, COMMUNICATION: TYPE: CURRENT; OUTPUT: 20-200 A; APPLICATION: SWITCHGEAR; SPECIFICATION: IGC60947-1; MANUF P/N: 3UF7103-1BA00-0; OVERALL WIDTH: 120MM; BUSBAR CONNECTION; CLASS A; OPERATING VOLTAGE: 110-690V	No	76		
47	0117766	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 550 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88; IEC 269-1; SUPPL P/N: NSD4; REFERENCE NO: 5008601-4; HRC; CATEGORY GG; SIZE: F1	No	76		
48	0575242	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 500 VAC; CONNECTION TYPE: SCREW; DIMENSIONS: 21 X 54 MM; TYPE: LV HRC FUSE LINK; MANUF P/N: 3NA3801	No	40		
49	0575262	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 690 VAC; CONNECTION TYPE: SCREW; DIMENSIONS: 58 X 74 MM; TYPE: LV HRC FUSE LINK; MANUF P/N: 3NA3252	No	32		
50	0583348	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 690VAC/250VDC; CONNECTION TYPE: CLIP IN; DIMENSIONS: SIZE1 MM; INTERRUPT CAPACITY: 71 KA; TYPE: NH1; MANUF P/N: 3NE1227-0	No	33		
51	0583349	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 600 V; CONNECTION TYPE: RAIL; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: CYLINDRICAL; MANUF P/N: 3NW7013 32A	No	33		
52	0583376	FUSE: TYPE: HRC; CURRENT: 10 A; POTENTIAL: 550 VAC; CONNECTION: OFFSET TAG; DIMENSIONS: DIA 13.8 X LG 58.7 MM; MANUF P/N: NSD10	No	61		
53	0583377	FUSE: TYPE: HRC; CURRENT: 16 A; POTENTIAL: 550 VAC; CONNECTION: OFFSET TAG; DIMENSIONS: DIA 13.8 X LG 58.7 MM; MANUF P/N: NSD16	No	61		
54	0626261	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 690 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 29 X LG 134 X HT 47 MM; INTERRUPT CAPACITY: 80 KA; TYPE: LV HRC; CASE MATERIAL: CERAMIC; SPECIFICATION: NH1; SUPPL P/N: 377255	No	33		
55	0555373	SWITCH, DISCONNECT: POTENTIAL: 400 VAC; CURRENT: 125 A; ACTION: 3P; CONTACT RATING: 125 A; MOUNT: SURFACE; APPLICATION: SWITCHGEAR; MANUF P/N: 3KL5230-1GB01; INCLUDING 8UC7 DOOR COUPLING ROTARY OPERATING MECHANISM; 3 POLE; FOR LV HRC FUSES; SIZE: 00&000; OPERATIONAL CLASS: GG; WEIGHT: 2.414 KG	No	20		
56	0583375	FUSE: TYPE: HRC; CURRENT: 6 A; POTENTIAL: 550 VAC; CONNECTION: OFFSET TAG; DIMENSIONS: DIA 13.8 X LG 58.5 MM; SPECIFICATION: BS55; IEC 269-1; MANUF P/N: NSD6; CATEGORY GG; SIZE: F1	No	23		

57	0625894	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 550 V; CONNECTION TYPE: OFFSET BLADE TAGS; DIMENSIONS: DIA 13.8 X LG 58.7 MM; INTERRUPT CAPACITY: 80 KA; TYPE: HRC; CASE MATERIAL: CERAMIC; SPECIFICATION: NSD2; REFERENCE NO: NSD2; SUPPL P/N: NSD2	No	33		
58	0583362	HOLDER, FUSE: POTENTIAL: 660 V; CURRENT: 32 A; FUSE SIZE: DIA 17.5 X LG 58.5 MM; FUSE STYLE: OFFSET TAGS; MOUNT: DIN RAIL/PANEL; TYPE: SAFELOC; MANUF P/N: 32NNSFBS; FUSE LINK: NSD	No	76		
59	0583335	LIGHT, INDICATING: TYPE: INTERGRATED LED; POTENTIAL: 24 VAC/DC; POWER: 2; COLOR: RED; TERMINAL: SCREW; LENS MATERIAL: PLASTIC; MANUF P/N: 3SB3644-6BA20	No	46		
60	0595908	CHOKE, ELECTRICAL: FUNCTION: COMMUTATING; POTENTIAL: 380-600 V; POWER: 280-360 W; CURRENT: 151 A; CONNECTION: M8 STUD BOLT; OEM P/N: 6SE6400-3CC11-2FD0; MICRO MASTER 4; STANDALONE FSF-0.15MH; CLASS IP00; WIDTH: 240MM; HEIGHT: 228MM; WEIGHT: 25KG	No	133		
61	0659253	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MINIATURE CIRCUIT BREAKER; POLES: 3; CURRENT RATING: 0.55-0.8 A; VOLTAGE PROTECTION LEVEL: 6000 VAC; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6000 VAC; SHORT TIME CURRENT: 100 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 3; SPECIFICATION: IEC 60947-2; APPLICATION: MOTOR PROTECTION SWITCHGEARS; PROTECTION: CL.10; SUPPL P/N: 3RV2011-0HA10; SIZE: S00	No	43		
62	0671106	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MINI; CONTROL VOLTAGE: 400 VAC; POLES: 2; CURRENT RATING: 16 A; VOLTAGE PROTECTION LEVEL: 400 V; RATED INSULATION VOLTAGE: 440 V; IMPULSE WITHSTAND VOLTAGE: 440 V; SHORT TIME CURRENT: 5 KA DC; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 5 KA; POLLUTION CLASS: 2; SPECIFICATION: EN60898-2; APPLICATION: PROTECTION; PROTECTION: OVERLOAD, SHORT CIRCUIT; MANUF P/N: 5SJ7216-7CC20; 220 VAC SPACE HEATER SUPPLY	No	16		
63	0673841	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN; TYPE: THERMAL OVERLOAD; POLES: 3; CURRENT RATING: 3.2 A; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 690 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 3.2 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: DIN EN 60715; APPLICATION: MOTOR; PROTECTION: MOTOR; SUPPL P/N: 3RV2011-1DA15	No	33		
64	0673711	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: THERMAL OVERLOAD; POLES: 3; CURRENT RATING: 12.5 A; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 690 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 163 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: DIN EN 60715; APPLICATION: MOTOR; PROTECTION: MOTOR; SUPPL P/N: 3RV2021-1KA15	No	16		
65	0642431	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MCB; POLES: 1; CURRENT RATING: 6 A; VOLTAGE PROTECTION LEVEL: 230 VAC; RATED INSULATION VOLTAGE: 600 V; IMPULSE WITHSTAND VOLTAGE: 480 V; SHORT TIME CURRENT: 4.5 KA; POLLUTION CLASS: 2; SPECIFICATION: IC60A; APPLICATION: COMMERCIAL; PROTECTION: A; SUPPL P/N: A9F64106	No	20		

66	0673846	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: THERMAL OVERLOAD; POLES: 3; CURRENT RATING: 0.2 A; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 690 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 2.6 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: DIN EN 60715; APPLICATION: MOTOR RADIAL STACKER; PROTECTION: MOTOR; SUPPL P/N: 3RV2021-0BA10	No	66		
67	0581966	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 100 A; POLE: 3; WIDTH: 104.5 MM; HEIGHT: 157.5 MM; TYPE: PROTECTION; INTERRUPT CAPACITY: 55 KA; MANUF P/N: 3VL1710-1DD33-0AA0	No	23		
68	0708027	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN; TYPE: 3VL1; POLES: 3; CURRENT RATING: 63 A; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 800 V; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 600 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; SPECIFICATION: DIN40719 EXTENDED ACCORDING TO IEC204-2, IEC750; APPLICATION: TRIP UNIT TM; PROTECTION: LINE; SUPPL P/N: 3VL1706-1DD33-0AA0	No	30		
69	0708024	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN; TYPE: 3RV2; POLES: 3; CURRENT RATING: 40 A; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 690 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 480 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 81346-2; APPLICATION: MOTOR PROTECTION; PROTECTION: MOTORS; SUPPL P/N: 3RV2021-4FA10	No	24		
70	0695154	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: FIXED; TYPE: MCCB; CONTROL VOLTAGE: 690 V; POLES: 3; CURRENT RATING: 160 A; RATED INSULATION VOLTAGE: 690 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 4800 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: DIN EN 81346-2; APPLICATION: MCC PANELS; PROTECTION: SHORT CIRCUIT; SUPPL P/N: 3VL2716-1AA43-0AA0; SUPPLY WITH WITH RCD 0.1A [P/N: 3VL9112-5GA30],AUX SWITCH[P/N:VL9400-1AD00]	No	24		
71	0673708	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: FIXED; TYPE: MCC; POLES: 3; CURRENT RATING: 315 A; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 800 V; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 1575 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; POLLUTION CLASS: 3; SPECIFICATION: IEC 61346-2; APPLICATION: MOTOR CONTROL CENTER; PROTECTION: IP20; SUPPL P/N: 3VL4731-1DC36-0AA0; SUPPLY WITH ELECTRONIC TRIP UNIT	No	24		
72	0675697	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: FIXED; TYPE: MCCB; CURRENT RATING: 200 A; SHORT TIME CURRENT: 1000-2000 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL3720-1DC36-0AA0	No	24		
73	0643352	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 400 A; SHORT TIME CURRENT: 320 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL4740-3DC36-0AB1	No	24		

74	0708026	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN; TYPE: 3VL1; POLES: 3; CURRENT RATING: 50 A; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 800 V; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 600 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; SPECIFICATION: DIN40719 EXTENDED ACCORDING TO IEC204-2, IEC750; APPLICATION: TRIP UNIT TM; PROTECTION: LINE; SUPPL P/N: 3VL1705-1DD33-0AA0	No	24		
75	0690210	CONTACTOR: TYPE: POWER; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 230 VAC 50 HZ; CURRENT: 25 A; POLE: 3; CONTACT ARRANGEMENT: 1 X NO AUX CONTACT BUILT IN; MANUF P/N: CL00A310TN	No	5		
76	0693962	CONTACTOR: TYPE: POWER; LINE VOLTAGE: 460 VAC; COIL VOLTAGE: 230VAC AT 50HZ; CURRENT: 9 A; POLE: 3; CONTACT ARRANGEMENT: 1NO AUX CONTACT BUILT IN; SUPPL P/N: MC1A310ATN	No	5		
77	0576148	RELAY, CONTROL: CONTACT RATING: 250 VAC 7 A; CONTACT ARRANGEMENT: 1NO 1NC; COIL VOLTAGE: 230 VAC; ACTION: 4PDT; MOUNT: PLUG IN; TERMINAL: 14 PIN PLUG IN; ENCLOSURE RATING: IP65; TYPE: GENERAL PURPOSE; MANUF P/N: 55.34.8.230.0040; 4 POLE; 58 SERIES ONLY WITH 94 SERIES SOCKET; DIMENSIONS: WD 27.7 X DEPTH 20.7 X HT 37.2 MM; OPERATING POWER: 1.5 VA; OPERATING TEMPERATURE: -40 TO 85 DEG C	No	5		
78	0659623	BASE, RELAY: TYPE: SOCKET; WIDTH: 27 MM; HEIGHT: 86.9 MM; MATERIAL: PLASTIC; POTENTIAL: 250 VAC; CURRENT: 10 A; LENGTH: 76 MM; STANDARD: IP20; EN 60715; SUPPL P/N: 94.04SPA; SCREW TERMINALS; PUSH IN RELAY; RETAINING CLIP; 14PIN	No	5		
79	0693959	RELAY, CONTROL: CONTACT RATING: 8 A; CONTACT ARRANGEMENT: 2CO; COIL VOLTAGE: 230 VAC; ACTION: DPDT; MOUNT: 8 PIN FLAT BASE PLUG; TERMINAL: 8 PIN; CONTACT MATERIAL: AGNI; SUPPL P/N: 40.52.8.230.0000	No	10		
80	0669492	SOCKET, ELECTRICAL: TYPE: 40 SERIES RELAY; CONTACT: 8 PIN; POTENTIAL: 250 VAC; CONFIGURATION: 8 PIN; CONNECTION: SCREW; CLASSIFICATION: IP20; CURRENT: 10 A; MANUF P/N: 95.05 SPA; REFERENCE NO: REL 50; COLOUR BLUE; AMBIENT TEMPERATURE -40 TO 70 DEG C	No	5		
81	0643373	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 32 A; POLES: 3; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7332-7CC	No	2		
82	0643370	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 16 A; POLES: 3; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7316-7CC	No	2		
83	0643369	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 10 A; POLES: 3; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7310-7CC	No	2		
84	0643359	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 6 A; POLES: 1; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7106-7CC	No	2		
85	0694040	SWITCH, DISCONNECT: TYPE: SIGNAL; POTENTIAL: 690 VAC; CURRENT: 63 A; ACTION: (4) SPST; OPERATED: MANUAL; MOUNT: DIN RAIL/BASE; DIMENSIONS: WD 70 X HT 91.5 X DP 72.5 MM; APPLICATION: EXPORT SYSTEM; SPECIFICATION: IEC 60947-3; SUPPL P/N: 1SCA105365R1001; REFERENCE NO: OT63F4N2; 4 POLE	No	2		

86	0693955	RELAY, TIME DELAY: OPERATION: 0.3 SEC TO 60 HR; CONTACT ARRANGEMENT: 1NC 1NO; ACTION: DPDT; CONTACT RATING: 10 A; COIL VOLTAGE: 230 VAC; TERMINAL: 11 PIN; MOUNT: PLUG IN; SUPPL P/N: T2M230A	No	5		
87	0672322	SWITCH, DISCONNECT: TYPE: ON/OFF; POTENTIAL: 500-690 V; CURRENT: 25 A; ACTION: 1P; CONTACT RATING: 25 A 50 HZ; OPERATED: MANUAL; MOUNT: CLIP IN; DIMENSIONS: WD 35 X HT 54 X DP 49 MM; APPLICATION: GENERAL; CLASSIFICATION: IEC 60947-3; SPECIFICATION: ISO 9001; APPARENT POWER: 8 KV; MANUF P/N: 1SCA104811R1001; MODEL NO: OT16F3; REFERENCE NO: A9B00054071	No	1		
88	0694153	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 250 VAC; CONNECTION TYPE: CLIP ON; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: CYLINDRICAL; CASE MATERIAL: GLASS; SPEED F	No	10		
89	0694152	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 VAC; CONNECTION TYPE: CLIP ON; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: CYLINDRICAL; CASE MATERIAL: GLASS; SPEED F	No	10		
90	0694151	FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 250 VAC; CONNECTION TYPE: CLIP ON; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: CYLINDRICAL; CASE MATERIAL: GLASS; SPEED F	No	10		
91	0693963	HOLDER, FUSE: POTENTIAL: 400 V; CURRENT: 32 A; FUSE SIZE: DIA 10 X LG 38 MM; FUSE STYLE: CYLINDRICAL; MOUNT: DIN RAIL; CONNECTION TYPE: SCREW TERMINAL; SUPPL P/N: L50600	No	2		
92	0690211	POWER SUPPLY: INPUT: 85 TO 264 VAC; OUTPUT VOLTAGE: 24 VDC; OUTPUT CURRENT: 21 A; APPLICATION: EXCITATION HVAC LCP; TYPE: SWITCH MODE; MOUNTING: PANEL; MANUF P/N: PMC-24V050W1AA	No	2		
93	0694142	TRANSFORMER, INSTRUMENT: TYPE: DRY; CURRENT: 0.5-4.1 A; POTENTIAL: 230-24 VAC; APPARENT POWER: 100 VA; CONNECTION: SCREW; MOUNT: PANEL; SUPPL P/N: DT-100VA,.30/24; REFERENCE NO: D-0964	No	2		
94	0694147	TRANSFORMER, INSTRUMENT: TYPE: DRY; CURRENT: 0.8-8.3 A; POTENTIAL: 230-24 VAC; APPARENT POWER: 200 VA; CONNECTION: SCREW; MOUNT: PANEL; SUPPL P/N: DT-200VA.230/24; REFERENCE NO: D-0965	No	2		
95	0693960	RELAY, CONTROL: CONTACT RATING: 8 A; CONTACT ARRANGEMENT: 2NO; COIL VOLTAGE: 24 VAC; ACTION: 4PDT; MOUNT: BASE PLUG; TERMINAL: 14 PIN; SUPPL P/N: 55.34.8.024.0040	No	3		
96	0693958	RELAY, CONTROL: CONTACT RATING: 8 A; CONTACT ARRANGEMENT: 1NO; COIL VOLTAGE: 24 VAC; ACTION: DPDT; MOUNT: BASE PLUG; TERMINAL: 8 PIN; SUPPL P/N: 40.52.8.024.0000	No	5		
97	0693961	RELAY, CONTROL: CONTACT RATING: 10 A; CONTACT ARRANGEMENT: 1NO; COIL VOLTAGE: 24 VDC; ACTION: 4SPST; MOUNT: DIN RAIL; TERMINAL: 17 SCREW; SUPPL P/N: 43049024	No	3		
98	0694137	LIGHT, INDICATING: TYPE: LIGHT EMITTING DIODE; POTENTIAL: 24VAC/DC; POWER: 5 W; COLOR: RED; LENS MATERIAL: PLASTIC; SUPPL P/N: PL22C-HLR24	No	4		
99	0694134	LIGHT, INDICATING: TYPE: LED; POTENTIAL: 24VAC/DC; POWER: 5 W; COLOR: GREEN; LENS MATERIAL: PLASTIC; SUPPL P/N: PL22C-HLG24	No	4		
100	0228412	BLOCK, CONTACT: TYPE: SWITCH; POTENTIAL: 230 VAC; CIRCUIT: 1; CONTACT ARRANGEMENT: 1NO; CURRENT: 6 A; TERMINAL: CLAMP; SUPPL P/N: 3SB3400-0B	No	2		

101	0228413	BLOCK, CONTACT: TYPE: SWITCH; POTENTIAL: 230 VAC; CIRCUIT: 1; CONTACT ARRANGEMENT: 1NC; CURRENT: 6 A; TERMINAL: CLAMP; SUPPL P/N: 3SB3400-0C	No	2		
102	0644812	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MCB; POTENTIAL: 230 VAC; CURRENT: 0.5 A; SHORT TIME CURRENT: 6 KA; POLE: 1; CONTROL VOLTAGE: 230 V; POINT ON WAVE: 0-20 A; CREEPAGE: 10 MM; BASIC INSULATION LEVEL: 4; INSULATION MATERIAL: PVC; OPERATING CONTROL TYPE: AUTOMATIC; POLLUTION CLASS: 2; APPLICATION: SWITCHING IN THE GCB; CLASSIFICATION: IP20; SPECIFICATION: IEC EN 60947-2; TEMPERATURE RATING: -25 TO 55 DEG C; WIDTH: 17.5 MM; HEIGHT: 90 MM; MOUNT: DIN RAIL; INTERRUPT CAPACITY: 4 KA; SUPPL P/N: S281UC-Z0.5	No	2		
103	0684862	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: C CURVE; CURRENT RATING: 1 A; POLES: 1; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 4 KV; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 25 KA; POLLUTION CLASS: 3; APPLICATION: LINE MCB; PROTECTION: LINE; STANDARD: IEC 60947; SUPPL P/N: 2CDS281001R0014; REFERENCE NO: S201 P-C1	No	2		
104	0684863	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: K CURVE; CURRENT RATING: 1 A; POLES: 2; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 4 KV; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 25 KA; POLLUTION CLASS: 3; APPLICATION: LINE MCB; PROTECTION: LINE; STANDARD: IEC 60947; SUPPL P/N: GHS2820164R0217; REFERENCE NO: S282UC-K1	No	2		
105	0684864	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: K CURVE; CURRENT RATING: 4 A; POLES: 2; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 4 KV; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 25 KA; POLLUTION CLASS: 3; APPLICATION: LINE MCB; PROTECTION: LINE; STANDARD: IEC 60947; SUPPL P/N: GHS2820164R0337; REFERENCE NO: S282UC-K4	No	3		
106	0639473	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 16 A; POLES: 2; MOUNT: DIN RAIL 35 MM; VOLTAGE PROTECTION LEVEL: 4 KVAC; RATED INSULATION VOLTAGE: 400 VAC; IMPULSE WITHSTAND VOLTAGE: 440 VAC; SHORT TIME CURRENT: 16.8 A; POLLUTION CLASS: 3; APPLICATION: LINE PROTECTION; PROTECTION: TYPE K; STANDARD: IEC 60947-2; SUPPL P/N: S203M-K16CU, 2CDS272061R0467	No	2		
107	0684861	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: K CURVE; CURRENT RATING: 0.5 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 4 KV; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 10 KA; POLLUTION CLASS: 3; APPLICATION: LINE MCB; PROTECTION: LINE; STANDARD: IEC 60947; SUPPL P/N: 2CDS253001R0157; REFERENCE NO: S203-K0.5	No	2		
108	0644815	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MCB; POTENTIAL: 400 VAC; CURRENT: 2 A; SHORT TIME CURRENT: 25 KA; POLE: 3; CONTROL VOLTAGE: 230 V; POINT ON WAVE: 2 A; CREEPAGE: 10 MM; BASIC INSULATION LEVEL: 4 KV; INSULATION MATERIAL: PVC; OPERATING CONTROL TYPE: AUTOMATIC; POLLUTION CLASS: 1; APPLICATION: SWITCHING IN THE GCB; CLASSIFICATION: IP40; SPECIFICATION: IEC EN 60947-2; TEMPERATURE RATING: -25 TO 55 DEG C; WIDTH: 52.5 MM; HEIGHT: 88 MM; TYPE: MCB; MOUNT: DIN RAIL; INTERRUPT CAPACITY: 25 KA; SUPPL P/N: S203P-Z2	No	6		
109	0254589	CONTACT, AUXILIARY: REFERENCE NO: GHS200936-R0001; S2CH11L	No	6		
110	0684857	SWITCH, DISCONNECT: TYPE: ISOLATOR; POTENTIAL: 690 VAC; CURRENT: 40 A; ACTION: 3PST; OPERATED: MANUAL; MOUNT: DIN RAIL; SUPPL P/N: 1SCA104932R1001; REFERENCE NO: OT40F4N2	No	2		

111	0682552	CONTACT, AUXILIARY: TYPE: CONTACTOR; CONTACT ARRANGEMENT: 1NC 1NO; CURRENT: 16 A; POTENTIAL: 250 VAC; MATERIAL: THERMOPLASTIC; ATTACHMENT METHOD: LATERAL MOUNT; SUPPL P/N: 1SCA022379R8100; MODEL NO: OA2G11	No	4		
112	0644813	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MCB; POTENTIAL: 230 VAC; CURRENT: 16 A; SHORT TIME CURRENT: 6 KA; POLE: 2; CONTROL VOLTAGE: 230 V; POINT ON WAVE: 0.2 A; CREEPAGE: 10 MM; BASIC INSULATION LEVEL: 800 V; INSULATION MATERIAL: PVC; OPERATING CONTROL TYPE: AUTOMATIC; POLLUTION CLASS: 1; APPLICATION: SWITCHING IN THE GCB; CLASSIFICATION: IP20; SPECIFICATION: IEC EN 60947-2; TEMPERATURE RATING: -25 TO 55 DEG C; WIDTH: 35 MM; HEIGHT: 85 MM; COLOR: GRAY LIGHT; TYPE: MCB; MOUNT: DIN RAIL; INTERRUPT CAPACITY: 6 KA; SUPPL P/N: FS201-AB16/0.03	No	2		
113	0634702	CONTACTOR: TYPE: RELAY; LINE VOLTAGE: 400 VDC; COIL VOLTAGE: 220 VDC; CURRENT: 2 A; POLE: 4; ENCLOSURE RATING: IP22; SPECIFICATION: CSA 22.2 NO 14; IEC 60947-1; IEC 60947-4; IEC 60947-5; UL 508; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 700-K22Z-ZA-AN04721	No	4		
114	0624281	CONTACT, AUXILIARY: TYPE: BLOCK; CONTACT ARRANGEMENT: 4NO; CURRENT: 9 A AT 55 DEG C; POTENTIAL: 220-230 VAC; MATERIAL: PVC; CLASSIFICATION: IP20; CONNECTION: SCREW; SPECIFICATION: EN60529; IEC 60529; IEC 60947-1; SUPPL P/N: MG40EG AN01090; A 9; 4-POLE CONTACTORS ARE MAINLY USED FOR CONTROLLING NON-INDUCTIVE OR SLIGHTLY INDUCTIVE LOADS (I.E. RESISTANCE FURNACES) AND GENERALLY FOR CONTROLLING POWER CIRCUITS UP TO 690VAC AND 440VDC; THE CONTACTORS CAN ALSO BE USED FOR MANY OTHER APPLICATIONS SUCH AS LIGHTING; THE A SERIES 4-POLE CONTACTORS ARE OF THE BLOCK TYPE DESIGN; MAIN POLES AND AUXILIARY CONTACT BLOCKS: 4 N.O. MAIN POLES; FRONT AND SIDE-MOUNTED ADD-ON AUXILIARY CONTACT BLOCKS; CONTROL CIRCUIT: AC OPERATED WITH LAMINATED MAGNET CIRCUIT	No	2		
115	0631207	RELAY, TIME DELAY: OPERATION: 0.05S-60HR; CONTACT ARRANGEMENT: 2NO 2NC; ACTION: DPDT; CONTACT RATING: 240 VAC; COIL VOLTAGE: 24-240 V AC/DC; TERMINAL: SCREW; MOUNT: DIN RAIL; ENCLOSURE RATING: IP40; SPECIFICATION: EN/IEC 60947-1; EN/IEC 60947-5-1; SUPPL P/N: 700-FSM4UU18	No	6		
116	0617141	RELAY: TYPE: GENERAL PURPOSE; COIL VOLTAGE: 220 VDC; CONTACT ARRANGEMENT: (2) 3NO; CONTACT RATING: 30/110/220 VAC; ACTION: 3P; TERMINAL: 11 PIN PLUG IN; MOUNT: PLUG IN; ENCLOSURE RATING: IP40; CONTACT MATERIAL: CD FREE CONTACT; SPECIFICATION: ICS 31.220; REFERENCE NO: 60.13.9.220.0040; 60 SERIES RELAY	No	4		
117	0635013	RELAY: TYPE: AUXILIARY; COIL VOLTAGE: 230 VAC; CONTACT ARRANGEMENT: 3NO; CONTACT RATING: 10 A; ACTION: 3PDT; TERMINAL: 11 PIN PLUG IN; MOUNT: CLIP ON BASE; ENCLOSURE RATING: IP20; CONTACT MATERIAL: PLATINUM; SPECIFICATION: EN 61810-1; REFERENCE NO: 60.13.8.230.0040	No	5		
118	0634676	SOCKET, ELECTRICAL: TYPE: RELAY; CONTACT: 12 PIN; POTENTIAL: 250 VAC; CONFIGURATION: DUAL IN LINE PINS; CONNECTION: SCREW; CLASSIFICATION: IP20; CURRENT: 10 A; SPECIFICATION: EN 60715; SUPPL P/N: 90.03-AN02597; MOUNT: PANEL OR 35MM DIN RAIL; FOR USE WITH 60 SERIES RELAYS	No	5		
119	0631209	RELAY: TYPE: POWER; COIL VOLTAGE: 220 VDC; CONTACT ARRANGEMENT: 3NO (3PST-NO) +/-3MM; CONTACT RATING: 16 A; ACTION: 3PST; TERMINAL: 5 PIN; MOUNT: PLUG IN; ENCLOSURE RATING: RT I; CONTACT MATERIAL: AGCDO; SPECIFICATION: EN 60335-1; SUPPL P/N: 62.33.9.220.0300-AN02103; SERIES: 62; RATED VOLTAGE: 230 V; RATED LOAD AT C1: 4000 VA; RATED LOAD AT C15: 750 VA; BREAKING CAPACITY DC1:	No	3		

		16/1.1/0.7 A MINIMUM SWITCH LOAD MW(V/MA); 2 AND 3 POLE NORMALLY OPEN CONTACT				
120	0684855	RELAY, CONTROL: CONTACT RATING: 16 A; CONTACT ARRANGEMENT: 1NC; COIL VOLTAGE: 230 VAC; ACTION: 3PDT; MOUNT: PIN; TERMINAL: 11; ENCLOSURE RATING: IP41; SUPPL P/N: 62.33.8.230.0040	No	4		
121	0631221	CONTACTOR: TYPE: SERIES C; LINE VOLTAGE: 400 VAC; COIL VOLTAGE: 220 VAC; CURRENT: 9 A; POLE: 3; ENCLOSURE RATING: IP20; SPECIFICATION: UL; CSA; IEC; CE MARKED; CCC; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 97 A; SUPPL P/N: 100-C16-ZA-10-AN01495; PANEL MOUNTING OR 35 MM DIN RAIL; AC OR DC COIL CONTROL; REVERSIBLE COIL TERMINALS (LINE OR LOAD SIDE); COMMON ACCESSORIES; MADE OF ENVIRONMENT FRIENDLY MATERIAL; 3 POWER POLES WITH INTERNAL N.O OR N.C AUXILIARY CONTACT OPTIONAL FRONT OR SIDE MOUNTED; 1;2 OR 4-POLE EXTERNAL AUXILIARY CONTACT BLOCK	No	4		
122	0624278	CONTACT, AUXILIARY: TYPE: BLOCK; CONTACT ARRANGEMENT: 2NO 2NC; CURRENT: 23-32 A; POTENTIAL: 230-400 VAC; MATERIAL: PVC; ATTACHMENT METHOD: CLIP ON; CONNECTION: PANEL; SPECIFICATION: EN/IEC 60947-4-1; 60947-5-1; SUPPL P/N: 100-FC22 AN01534	No	4		
123	0638268	MODULE: TYPE: VARISTOR; POWER SOURCE: 220-230 V AC/DC; APPLICATION: AC/DC COILS; SUPPL P/N: 100-FSV277-AN00358; FOR LIMITATION OF COIL SWITCHING TRANSIENTS; COIL MOUNTED: PLUG IN; SUITABLE FOR ALL 100-C CONDUCTOR SIZES; RC: 9-85A; DIODE VERSIONS	No	4		
124	0684845	CONTACTOR: TYPE: POWER; LINE VOLTAGE: 401 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 16 A; POLE: 3; CONTACT ARRANGEMENT: 1NC; SUPPL P/N: 100-C16-KF-01	No	5		
125	0631208	BASE, RELAY: TYPE: CURRENT; WIDTH: 70 MM; HEIGHT: 90 MM; MATERIAL: PLASTIC; POTENTIAL: 24-240 VAC/DC; CURRENT: 0.1-15 A; POWER: 3.2 VA; LENGTH: 100 MM; STANDARD: IEC EN 60 255-1; SUPPL P/N: SP9271.12-AN01483; HOUSING: IP40 IEC/EN 60 529; TERMINAL: IP20 IEC/EN 60 529	No	5		
126	0669888	CONTACTOR: TYPE: MINI; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 9 A; POLE: 3; ENCLOSURE RATING: IP20; CLASSIFICATION: NON-HAZLOC; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 1NO AUX; MAXIMUM CURRENT RATING: 9A AT 4KW; SUPPL P/N: 100-K09KF10; ACTION: SPST	No	5		
127	0684854	RELAY, CONTROL: CONTACT RATING: 16 A; CONTACT ARRANGEMENT: 1NC; COIL VOLTAGE: 230 VAC; ACTION: 2PDT; MOUNT: DIN RAIL; TERMINAL: 12; ENCLOSURE RATING: IP40; TYPE: PHASE VOLTAGE MONITOR; SUPPL P/N: BD9080.12/3AC400	No	2		
128	0152607	COUNTER, ELECTRICAL: TYPE: IMPULSE; RANGE: 0-99999; READOUT: ANALOG; REFERENCE NO: 0:464-464; WITH KEY RESET DIGIT	No	2		
129	0645087	SWITCH, SAFETY: SPECIFICATION: D22 PLUS; SUPPL P/N: A44192-AN04214	No	2		
130	0672239	STARTER, ELECTRIC MOTOR: CONTACT RATING: 690 VAC 6.3 - 9 A; INDUSTRY SIZE: 4; TYPE: MAGNETIC; COIL VOLTAGE: MAGNET; CONTACT ARRANGEMENT: 3 NO; POLES: 3; OVERLOAD RANGE: 100 KA; MOUNT: DIN RAIL; RESET: MANUAL; CONNECTION: 6 SCREW; SPECIFICATION: IEC/EN 60947-1/-2/4-1; MANUF P/N: 1SAM150000R1010; MODEL NO: MS325-9.0; REFERENCE NO: A9B00052277	No	6		

131	0682550	CONTACT, AUXILIARY: TYPE: CONTACTOR; CONTACT ARRANGEMENT: 1NC 1NO; CURRENT: 10 A; POTENTIAL: 250 VAC; MATERIAL: THERMOPLASTIC; ATTACHMENT METHOD: LATERAL; SUPPL P/N: 1SAM101928R0001	No	6		
132	0672234	STARTER, ELECTRIC MOTOR: CONTACT RATING: 690 VAC 12.5-16 A; INDUSTRY SIZE: 4; TYPE: MAGNETIC; COIL VOLTAGE: MAGNET; CONTACT ARRANGEMENT: 3 NO; POLES: 3; OVERLOAD RANGE: 100 KA; MOUNT: DIN RAIL; RESET: MANUAL; CONNECTION: 6 SCREW; SPECIFICATION: IEC/EN 60947-1/-2/4-1; OEM P/N: SUPERSEDED BY 0235356; MANUF P/N: 1SAM150000R1012; MODEL NO: MS325-16.0; REFERENCE NO: A9B00059189	No	2		
133	0682542	CONTACT, AUXILIARY: TYPE: CONTACTOR; CONTACT ARRANGEMENT: 2NC; CURRENT: 10 A; POTENTIAL: 250 VAC; MATERIAL: THERMOPLASTIC; ATTACHMENT METHOD: LATERAL; SUPPL P/N: 1SAM101901R0003	No	2		
134	0667696	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 30-300 PA; ACTION: SPDT; CONTACT RATING: 3 A; APPLICATION: EXPORT SYSTEM; CLASSIFICATION: NON HAZARDOUS; ENCLOSURE RATING: IP54; SPECIFICATION: EN 60529; SUPPL P/N: PS300-269971; CONNECTION: SCREW; POTENTIAL: 250 VOLT ALTERNATING CURRENT; CURRENT: 3 AMPERE; CONTACT ARRANGEMENT: 1NC 1NO	No	4		
135	0667698	SWITCH, DISCONNECT: TYPE: ISOLATOR; POTENTIAL: 400 V; CURRENT: 32 A; ACTION: 3PST; OPERATED: MANUAL; MOUNT: PLATE; DIMENSIONS: WD 55 X HT 74 X DP 60 MM; CLASSIFICATION: NON HAZARDOUS; SPECIFICATION: IEC 60947; APPARENT POWER: 11KW AT 500V; SUPPL P/N: TESYS-VARIO-V1	No	2		
136	0667565	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: THERMAL-MAGNETIC; CURRENT RATING: 6-10 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 690 VAC; SHORT TIME CURRENT: 138 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; APPLICATION: EXPORT SYSTEM; PROTECTION: MOTOR; STANDARD: IEC 60947; SUPPL P/N: GV2ME14; POWER: 4 KW	No	4		
137	0667695	CONTACT, AUXILIARY: TYPE: BLOCK; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 2.5 A; POTENTIAL: 24-240 VAC; MATERIAL: PVC; ATTACHMENT METHOD: SNAP ON; SPECIFICATION: IEC 60947; SUPPL P/N: GVAE11	No	4		
138	0667692	CONTACTOR: TYPE: POWER; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 24 VAC; CURRENT: 9 A; POLE: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947; CONTACT ARRANGEMENT: 1NO 1NC; AUXILIARY; MAXIMUM CURRENT RATING: 25 A; SUPPL P/N: LC1D09B7	No	4		
139	0625476	TIMER: TYPE: DELAY ON; RANGE: 0.1-30 S; POTENTIAL: 690 V; OPERATION: 0.1-30 S; TERMINAL: SCREW; MOUNT: FRONT; CURRENT: 10 A; SUPPL P/N: LADT2; ANALOGUE(ON DELAY); NO/NC	No	4		
140	0647673	RELAY: TYPE: CONTROL; COIL VOLTAGE: 24 VAC; CONTACT ARRANGEMENT: 4 C/O CONTACTS; CONTACT RATING: 6 A; ACTION: (4) SPDT; TERMINAL: 14 SCREW; MOUNT: PLUG; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; SPECIFICATION: FLAT 14PIN; SUPPL P/N: RXM4AB2B7	No	10		
141	0667298	BASE, RELAY: TYPE: 14 PIN FLAT; WIDTH: 27 MM; HEIGHT: 61 MM; MATERIAL: PLASTIC; POTENTIAL: 250 VAC; CURRENT: 10 A; LENGTH: 82.5 MM; SUPPL P/N: RXZE2S114M	No	4		
142	0667699	TIMER: TYPE: MILTIFUNCTION MODULAR; RANGE: 0.1 SEC TO 24 HR; POTENTIAL: 400 VAC; OPERATION: 0.1-3 S; CONTACT RATING: 30 A; CONTACT ARRANGEMENT: SPDT; CONTACT MATERIAL: AGNI; TERMINAL: 6 X SCREW; MOUNT: DIN RAIL; SPECIFICATION: IEC 60947; SUPPL P/N: 80.01.0.240.0000	No	4		

143	0631211	TRANSFORMER, INSTRUMENT: TYPE: SAFETY; CURRENT: 0.2-0.5; 1.66-3.33 A; POTENTIAL: 400/24 VAC; APPARENT POWER: 160 VA; MOUNT: SCREW; SPECIFICATION: IEC 61558-2-6; SUPPL P/N: ABL6TS10B; CLASS 1 TO CONFORM TO VDE 0106-1.	No	2		
144	0665326	SWITCH, SELECTOR: OPERATED: KNOB; POSITION: 3; POTENTIAL: 600 V; CONTACT CONFIGURATION: ON/OFF/ON; CONTACT ARRANGEMENT: 2NO; TYPE: STAY PUT; ACTION: 2PDT; APPLICATION: SWITCHGEAR SYSTEM; SUPPL P/N: XB4BD33; DIMENSIONS: DIA 200 MILLIMETER; CURRENT: 10 AMPERE	No	6		
145	0628596	LIGHT, INDICATING: TYPE: PILOT; POTENTIAL: 24 VAC; POWER: 60 W; COLOR: RED; MANUF P/N: XB4BVB4	No	5		
146	0628598	LIGHT, INDICATING: TYPE: PILOT; POTENTIAL: 24 VAC; POWER: 60 W; COLOR: GREEN; MANUF P/N: XB4BVB3	No	3		
147	0643351	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 315 A; SHORT TIME CURRENT: 250 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL4731-3DC36-0AB1	No	2		
148	0256063	RELAY, SOLID STATE: TYPE: DIGITAL MONITORING; COIL VOLTAGE: 160-690 VAC; CONTACT ARRANGEMENT: 2NC; MOUNT: SOCKET; SUPPL P/N: 3UG4615-1CR20; TERMINAL SCREW, FOR UNDERVOLTAGE, FOR 30 LINE VOLTAGE REVERSIBLE PHASE SEQUENCE FAILURE	No	2		
149	0638875	EARTH LEAKAGE: TYPE: CIRCUIT BREAKER; CURRENT: 63 A; POTENTIAL: 400 VAC; POLE: 3; LEAKAGE CURRENT: 50 MA; INTERRUPT CAPACITY: 6 KA; SUPPL P/N: 5SY6363-7	No	5		
150	0626723	CONTACT, AUXILIARY: TYPE: MAIN; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 1-6 A; POTENTIAL: 230 VAC; 220 VDC; MATERIAL: PVC; ATTACHMENT METHOD: CLIP ON; CONNECTION: SCREW; OEM P/N: SUPERSEDED BY 0583321; SUPPL P/N: 5ST3010	No	20		
151	0575256	CONTACTOR: LINE VOLTAGE: 440 V; COIL VOLTAGE: 230 V; CURRENT: 95 A; POLE: 3; ENCLOSURE RATING: IP20; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 120 A AT 40 DEG C; MANUF P/N: 3RT1046-1AP04	No	9		
152	0644605	EARTH LEAKAGE: TYPE: MOTOR PROTECTION; CURRENT: 10 A; POTENTIAL: 415 VAC; POLE: 3; LEAKAGE CURRENT: 6.3-10 A; INTERRUPT CAPACITY: 100 KA; SPECIFICATION: IEC EN 60947-1; SUPPL P/N: 140M-C2E-C10; MOUNT: DIN RAIL 35MM; TEMP: -20 TO 60DEG C; DIMENSIONS: WD 45 X LG 90 X HT 74MM	No	5		
153	0644606	EARTH LEAKAGE: TYPE: MOTOR PROTECTION; CURRENT: 16 A; POTENTIAL: 415 VAC; POLE: 3; LEAKAGE CURRENT: 10-16 A; INTERRUPT CAPACITY: 50 KA; SPECIFICATION: IEC EN 60947-1; SUPPL P/N: 140M-C2E-C16; MOUNT: DIN RAIL 35MM; TEMP: -20 TO 60DEG C; DIMENSIONS: WD 45 X LG 90 X HT 74MM	No	10		
154	0716694	BUSBAR: CURRENT: 64 A; MATERIAL: PLASTIC COATED COPPER; FORM: 4 X 3 PHASE CONNECTIONS; TYPE: COMPACT INSULATED; DIMENSIONS: 54MM SPACING MM; POTENTIAL: 600 VAC; SPECIFICATION: IEC 60947-4-1; COMPRISING: FOR USE ON 140M-C CIRCUIT BREAKERS; OEM P/N: 140M-C-W544N	No	5		
155	0626726	CONTACT, AUXILIARY: TYPE: MAIN; CONTACT ARRANGEMENT: 2NC; CURRENT: 2 A; POTENTIAL: 24 VDC; MATERIAL: PVC; ATTACHMENT METHOD: CLIP ON RH; SPECIFICATION: IEC EN 60947-1/-2/-4-1/-5-1; IEC 60204-1; SUPPL P/N: 140M-C-ASA02; 9MM WIDE; USED WITH 140M-C-D-F CIRCUIT BREAKER	No	7		
156	0638876	EARTH LEAKAGE: TYPE: CIRCUIT BREAKER; CURRENT: 2 A; POTENTIAL: 400 VAC; POLE: 3; LEAKAGE CURRENT: 50 MA; INTERRUPT CAPACITY: 6 KA; SUPPL P/N: 5SY6302-7; DIMENSIONS: WD 54 X HT 90 X DP 76MM; CONTACT ARRANGEMENT: NO NC; PROTECTION: IP20	No	2		

157	0638877	EARTH LEAKAGE: TYPE: CIRCUIT BREAKER; CURRENT: 4 A; POTENTIAL: 230 VAC; POLE: 1; LEAKAGE CURRENT: 50 MA; INTERRUPT CAPACITY: 10 KA; SUPPL P/N: 5SY5104-7	No	2		
158	0638878	EARTH LEAKAGE: TYPE: CIRCUIT BREAKER; CURRENT: 10 A; POTENTIAL: 230 VAC; POLE: 1; LEAKAGE CURRENT: 50 MA; INTERRUPT CAPACITY: 6 KA; SUPPL P/N: 5SY6110-7	No	3		
159	0235872	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 690 V; COIL VOLTAGE: 230 V; CURRENT: 10 A; ENCLOSURE RATING: IP65; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3RH1122-1AP00; USED ON GAS 1 AUX SYSTEM	No	5		
160	0634699	CONTACTOR: TYPE: RELAY; LINE VOLTAGE: 230 VDC; COIL VOLTAGE: 220 VDC; CURRENT: 4 A; POLE: 4; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 1NO 2NC AUX; MAXIMUM CURRENT RATING: 2 A; SUPPL P/N: 3RH1431-1BM40	No	2		
161	0241452	RELAY, TIME DELAY: OPERATION: MULTI TIME; CONTACT ARRANGEMENT: 2NO 2NC; ACTION: DPDT; CONTACT RATING: 250 V 3 A; COIL VOLTAGE: 24-240 V AC/DC; TERMINAL: 12 SCREW CLAMP; MOUNT: RAIL; ENCLOSURE RATING: IP65; SUPPL P/N: 3RP1505-1BW30; DRAWING NO: 155A/25641 REV 0; SIEMENS	No	5		
162	0125673	RELAY, CONTROL: CONTACT RATING: 220/380/500/660 VAC 10/6/4/2 A; CONTACT ARRANGEMENT: 5NO 5NC; COIL VOLTAGE: 220 VAC; ACTION: 5PST; MOUNT: PANEL; TERMINAL: 12 CAPTIVE SCREW; CONTACT MATERIAL: AG PLTD; ENCLOSURE RATING: BAKELITE; REFERENCE NO: 55E; 3TH8355-0AMO; CONTACTOR, 50 HZ, FOR USE ON ASH PLANT	No	2		
163	0626294	RELAY: TYPE: CONTACTOR; COIL VOLTAGE: 24 VDC; CONTACT ARRANGEMENT: 5NO 5NC; CONTACT RATING: 400 V 10 A; ACTION: 10PDT; TERMINAL: SCREW; MOUNT: SCREW/SNAP ON; ENCLOSURE RATING: IP20; SPECIFICATION: EN 50011; SUPPL P/N: 3TH4355-0AV0; 1 POLE; MOUNTING ONTO 35 MM STANDARD MOUNTING RAIL ACCORDING TO DIN EN 50022; AMBIENT TEMPERATURE DURING OPERATION -25 TO 55 DEG C; DIMENSIONS: WD 55 X HT 78 X DP 102 MM	No	2		
164	0641422	AMPLIFIER: TYPE: FLOW SENSOR; INPUT: 115-230 VAC; OUTPUT: (2) RELAY/CHANGE OVER; POWER: 60 W; POTENTIAL: 230 V; REFERENCE NO: SKZ400WR	No	2		
165	0638880	EARTH LEAKAGE: TYPE: CIRCUIT BREAKER; CURRENT: 16 A; POTENTIAL: 230 VAC; POLE: 2; LEAKAGE CURRENT: 50 MA; INTERRUPT CAPACITY: 10 KA; SPECIFICATION: EN 60898; SUPPL P/N: 5SU1354-1KK16	No	2		
166	0638879	EARTH LEAKAGE: TYPE: CIRCUIT BREAKER; CURRENT: 6 A; POTENTIAL: 230 VAC; POLE: 2; INTERRUPT CAPACITY: 10 KA; SPECIFICATION: EN 60898; SUPPL P/N: 5SU1354-1KK06	No	1		
167	0679878	SWITCH, SELECTOR: OPERATED: MANUAL KNOB; POSITION: 2; POTENTIAL: 690 VAC; CONTACT CONFIGURATION: 1/2; CONTACT ARRANGEMENT: 4NO 4NC; TYPE: ROTARY; CONTACT RATING: 20 A; ACTION: (4)SPDT; APPLICATION: GEN TRANSFORMER COOLER BANK; SUPPL P/N: CH10-A223-600-E; CURRENT: 20 AMPERE	No	5		
168	0679980	THERMOSTAT: TYPE: PANEL; CURRENT: 10 A; SPECIFICATION: EN 50022; SUPPL P/N: SSR-E 6905; REFERENCE NO: 191 4705 51 900; MOUNT: DIN RAIL; RANGE: 0-60 DEGREE CENTIGRADE; POTENTIAL: 230 VOLT ALTERNATING CURRENT	No	4		

169	0679981	HEATER, SPACE: TYPE: LCP; DIMENSIONS: WD 70 X HT 245 MM; POWER: 150 W; POTENTIAL: 230 VAC; CURRENT: 0.65 A; MOUNTING METHOD: DIN RAIL 35 MM; SUPPL P/N: FLH-150-17015005007	No	4		
170	0679983	LAMP, FLUORESCENT: TYPE: TUBE; POWER: 14 W; POTENTIAL: 230 VAC; BASE: G13; COLOR: COOL WHITE; LENGTH: 375 MM; BULB: T8; CLASSIFICATION: NON-HAZLOC; SUPPL P/N: F14W/T8/840	No	10		
171	0576729	SWITCH, LIMIT: ACTION: (2) SPST; ACTUATOR: MICRO SWITCH; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP20; CONTACT RATING: 6 A; APPLICATION: PANEL LIGHT LIMIT SWITCH; ENCLOSURE RATING: IP40; OEM P/N: SZ4315.310; WITH 1M LONG ORANGE CONNECTOR CABLE; POTENTIAL: 230 VOLT; CURRENT: 6 AMPERE	No	2		
172	0645102	SOLATOR, ELECTRICAL: POTENTIAL: 415 VAC; CURRENT: 100 A; SHORT TIME CURRENT: 10 KA; OPERATION: MANUAL; EARTH SWITCH CONFIGURATION: NONE; CONTROL VOLTAGE: NONE; PHASE SPACING: 1.2 MM; BASIC INSULATION LEVEL: 690 VAC; CREEPAGE: 1.25 CM; SWITCHGEAR DESIGN: INDOOR; TYPE: MAIN; AUXILIARY SWITCH ARRANGEMENT: NONE; APPLICATION: ISOLATOR; POLE: 4; STANDARD: SANS 60947; SUPPL P/N: QFD400100	No	2		
173	0630747	RELAY: TYPE: CONTROL; COIL VOLTAGE: 400 VAC; CONTACT ARRANGEMENT: 3NO 4NC; CONTACT RATING: 400 V 10 A; ACTION: SPDT; TERMINAL: 11 PIN PLUG IN; MOUNT: PLUG IN; ENCLOSURE RATING: IP20; SUPPL P/N: SP-231	No	10		
174	0630876	RELAY, TIME DELAY: OPERATION: 120 S; CONTACT ARRANGEMENT: 4NO 4NC; ACTION: DPST; CONTACT RATING: 230 VAC 5 A; COIL VOLTAGE: 230 VAC; TERMINAL: 11 PIN; MOUNT: SOCKET; SPECIFICATION: ST-100	No	10		
175	0630754	POWER SUPPLY: INPUT: 240 VAC; 220 VDC; OUTPUT VOLTAGE: 24 VDC; OUTPUT CURRENT: 3 A; DIMENSIONS: WD 45 X HT 75 X DP 91 MM; CLASSIFICATION: IP20; TYPE: AC/DC CONVERTER; MOUNTING: DIN RAIL; SPECIFICATION: EN 60 950; EN 60204-1; EN 50178; SUPPL P/N: 1606-XLP72E	No	2		
176	0645103	TRANSMITTER, TEMPERATURE: TYPE: PROGRAMMABLE; APPLICATION: PT100; MOUNT: DIN RAIL; SPECIFICATION: RTD/TC/R/MA/V; OUTPUT: 4-20 MILLIAMPERE; SUPPL P/N: 5131A; RANGE: NONE	No	3		
177	0630743	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 400/690 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 23 A; POLE: 3; SPECIFICATION: IEC 947; EN 60 947; CONTACT ARRANGEMENT: 3NO; SUPPL P/N: 100-C23KF10; 100-C AC COIL OPERATING CONTACTORS; TERMINAL TYPE: SCREW; MOUNTING STYLE: DIN RAIL; SURFACE MOUNT; DIMENSIONS: WD 90 X LG 175 X DP 132 MM	No	3		
178	0630745	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 400/690 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 10 A; POLE: 4; ENCLOSURE RATING: IP20; SPECIFICATION: CSA C22.2 NO.14; EN/IEC 60947-1; CONTACT ARRANGEMENT: 4NO; SUPPL P/N: 700-K40E-KF; MOUNTING STYLE: DIN RAIL; TERMINAL: SCREW; OPERATING TEMPERATURE RANGE: -50 TO 80 DEG C; DIMENSIONS: WD 44.9 X LG 108.2 X DP 78.7 MM	No	10		
179	0630746	CONTACT, AUXILIARY: TYPE: RELAY; CONTACT ARRANGEMENT: 4NC; CURRENT: 10 A; POTENTIAL: 230 VAC; MATERIAL: PLASTIC; CLASSIFICATION: IP20; ATTACHMENT METHOD: CLIP ON (FRONT MOUNT); SPECIFICATION: IEC 60947; SUPPL P/N: 100-KFAOGE; ALLEN-BRADLEY	No	5		

180	0630744	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 400 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 10 A; POLE: 4; ENCLOSURE RATING: IP20; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 700-CF220KF; ACTION: 4PST; MOUNTING STYLE: DIN RAIL; SURFACE MOUNT; TERMINAL TYPE: SCREW; OPERATING TEMPERATURE RANGE: -50 TO 60 DEG C; DIMENSIONS: WD 45 X LG 81 X DP 80.5 MM	No	2		
181	0117910	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 550 VAC; 250 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 12.5 X LG 53 MM; INTERRUPT CAPACITY: 80 KA AC; 40 KA DC; TYPE: CURRENT LIMITING; CASE MATERIAL: GLASS; SPECIFICATION: BS 88; REFERENCE NO: NIT4A; 3NWNIT4; A1; LOW VOLTAGE, HRC, LABEL COLOUR CODING CRIMSON, BASE TYPE N, CLASS Q1	No	124		
182	0630748	RELAY: TYPE: CONTROL; COIL VOLTAGE: 230 VAC; CONTACT ARRANGEMENT: 2NO 2NC; CONTACT RATING: 100 A; ACTION: DPDT; TERMINAL: PIN; MOUNT: PLUG IN; ENCLOSURE RATING: IP20; CONTACT MATERIAL: AGNI; SUPPL P/N: 700-HA32A03; MANUAL OVERRIDE PIN STYLE TERMINALS	No	2		
183	0630981	SOCKET, ELECTRICAL: TYPE: WATERPROOF; CONTACT: 8 PIN; POTENTIAL: 230 VAC; 220 VDC; CONFIGURATION: DPDT; CONNECTION: SCREW; CLASSIFICATION: IP20; CURRENT: 10 A; SUPPL P/N: 700-HN100; APPLICATION: 700-HA32 AND 700-HR RELAYS; MOUNT: PANEL OR DIN RAIL; GUARDED TERMINAL CONSTRUCTION	No	2		
184	0645101	ELEMENT, HEATER: POTENTIAL: 230 VAC; POWER: 60 W; SUPPL P/N: 60W-203	No	1		
185	0630750	RELAY, OVERLOAD: TRIP RANGE: 0.2-27 A; TYPE: LOAD PROTECTION; CONTACT ARRANGEMENT: 1NO 1NC; RESET: MANUAL; CURRENT: 16 A; TERMINAL: SCREW; MOUNT: CLIP ON; ENCLOSURE RATING: IP20; APPLICATION: TRF MARSHALLING KIOSK UNIT; OPERATING TEMP RANGE: -20 TO 60 DEG C; SPECIFICATION: IEC EN 60947-4-1; EN 60947-5-1; SUPPL P/N: 193-ED1DB; COMPATIBLE WITH 100-C09 TO 100-C85 CONTACTORS; DIMENSIONS: WD 45 X LG 146.6 X DP 85.2 MM; OVERLOAD SOLID STATE; RELATED VOLTAGE: 690VAC	No	10		
186	0645098	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: ADJUSTABLE CB; POTENTIAL: 690 VAC; CURRENT: 6 A; SHORT TIME CURRENT: 325 A; POLE: 3; CONTROL VOLTAGE: 690 V; CREEPAGE: 15 MM; BASIC INSULATION LEVEL: 690 VAC; INSULATION MATERIAL: PVC; OPERATING CONTROL TYPE: MANUAL RESET; POLLUTION CLASS: 3; APPLICATION: MOTOR PROTECTION; CLASSIFICATION: CLASS 10; COLOR: LIGHT GREY; MOUNT: DIN RAIL; INTERRUPT CAPACITY: 15 KA; SUPPL P/N: 140M-C2E-C25	No	5		
187	0643357	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 2 A; POLES: 1; SHORT TIME CURRENT: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7102-7CC	No	2		
188	0626994	LAMP, FLUORESCENT: TYPE: TUBE; POWER: 18 W; POTENTIAL: 220 V; BASE: G13; COLOR: WHITE COOL; LENGTH: 590 MM; MANUF P/N: L18W/640	No	6		
189	0673793	SWITCH, LIMIT: ACTION: SPDT; ACTUATOR: MICRO SWITCH; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP21; APPLICATION: TRANSFORMERS; SUPPL P/N: CM-1307; POTENTIAL: 250 VOLT ALTERNATING CURRENT; CURRENT: 15 AMPERE	No	2		
190	0645095	TRANSFORMER, CURRENT: POTENTIAL: 0.6 KV; CURRENT: 10 A; SHORT CIRCUIT CURRENT: 2 KA; CORE TYPE: IRON; CREEPAGE: 12 MM; APPARENT POWER: 30 VA; COOLING TYPE: NATURAL; TYPE: INTERPOSING; SUPPL P/N: TRA-001-2; REFERENCE NO: 11102425.000	No	2		
191	0216941	LAMP, FLUORESCENT: TYPE: ENERGY SAVER; POWER: 11 W; POTENTIAL: 220 V; BASE: E27; COLOR: WHITE WARM; LENGTH: 117 MM; LOHUIS	No	10		

192	0647897	THERMOSTAT: TYPE: SMALL COMPACT; CURRENT: 10 A; MANUF P/N: KTO 011; REFERENCE NO: 01140.0-00; RANGE: 0-60 DEGREE CENTIGRADE; POTENTIAL: 250 VOLT ALTERNATING CURRENT	No	5		
193	0675666	SWITCH, LIMIT: ACTION: SPST; ACTUATOR: ROD; CONTACT ARRANGEMENT: 1NC; ENCLOSURE: PVC; CLASSIFICATION: NON-HAZLOC; SUPPL P/N: 24533-M1B-A2B-E2-S; POTENTIAL: 250 VOLT ALTERNATING CURRENT; CURRENT: 0.5 AMPERE	No	5		
194	0675250	HEATER, SPACE: TYPE: LCP; DIMENSIONS: WD 75 X HT 175 MM; POWER: 100 W; POTENTIAL: 230 VAC; CURRENT: 0.41 A; MOUNTING METHOD: DIN RAIL 35 MM; SUPPL P/N: FLH100-17010005007	No	6		
195	0583370	FAN, ELECTRIC: TYPE: AC AXIAL COMPACT; SIZE: DIA 250 MM; POTENTIAL: 230 VAC; CURRENT: 560-790 MA; VOLUME RATING: 1205 M3/HR; SPEED: 2550/2700 RPM; MATERIAL: AL; SPECIFICATION: EN60335-1; INSULATION CLASS: F; DIRECTION: ANTI CLOCKWISE; SERVICE FACTOR: S1; BLADE QUANTITY: 7; MANUF P/N: W2E250-HL06-01	No	7		
196	0665876	FAN, ELECTRIC: TYPE: AC AXIAL COMPACT; SIZE: DIA 172 X WD 51 MM; POTENTIAL: 230 VAC; CURRENT: 0.1 A; VOLUME RATING: 375 M3/HR; SPEED: 2800 RPM; MATERIAL: DIE CAST ALUMINIUM; DIRECTION: COUNTER CLOCKWISE; MANUF P/N: 6058 ES; 24 WATT; -25 TO 75 DEG C; CABLE 2 FLAT PLUGS 2.8 X 0.5MM; HOUSING WITH GROUNDING LUG FOR M4 X 6; MOTOR PROTECTION PROTECTED FROM OVERLOAD BY THERMAL SWITCH; SOUND POWER LEVEL 5.9B; SOUND POWER LEVEL 55 DB(A	No	32		
197	0253442	MODULE: TYPE: ANALOG OUTPUT; SUPPL P/N: 3UF7400-1AA00-0	No	32		
198	0667467	PANEL, CONTROL: TYPE: INTELLIGENT OPERATOR; APPLICATION: SINAMICS G120 VARIABLE SPEED DRIVES; OEM P/N: 6SL3255-0AA00-4JA2; REFERENCE NO: 23482; WITH MEMORY FOR G120 SERIES INVERTERS	No	32		
199	0673839	MODULE, ELECTRONIC: TYPE: DIGITAL MONITORING; VOLTAGE: 24 VDC; SUPPL P/N: 3UG4624-2CS20; CURRENT: 30-40000MA; FOR RESIDUAL CURRENT MONITORING WITH CONVERTER 3UL22VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	32		
200	0694200	MODULE: TYPE: HMI; INPUT: 24 VDC; OUTPUT: 6 VDC; APPLICATION: RADIAL STACKER G120 VSD; DIMENSIONS: WD 73 X LG 199 X DP 46 MM; SPECIFICATION: SEMI F47;SUPPL P/N: 6SL3244-0BB13- 1PA1	No	24		
201	0575284	EARTH LEAKAGE: TYPE: TRIP UNIT; CURRENT: 5 A; POTENTIAL: 550 VAC; LEAKAGE CURRENT: 32 MA; COIL VOLTAGE: 690V; MOUNT: PANEL; TERMINAL: 11 X SCREW; CONTACT ARRANGEMNET: 1 NO 1 NC	No	24		
202	0251527	BASE, RELAY: TYPE: 8 PIN PLUG IN; WIDTH: 15.5 MM; SUPPL P/N: LZSRT78725	No	32		
203	0238426	MODULE, POWER SUPPLY: SUPPL P/N: 6EP1334-2BAOO	No	48		
204	0575264	SWITCH, PUSHBUTTON: HEAD STYLE: FLAT ROUND; COLOR: RED; ELECTRICAL RATING: 400 V; CONTACT ARRANGEMENT: 1NC; MOUNT: FRONT; SIZE: 22 X 8 X 49 MM; APPLICATION: SWITCHGEAR; HOUSING: PLASTIC; MANUF P/N: 3SB3203-0AA21; SCREW TERMINAL	No	48		

205	0502855	CONTACTOR: COIL VOLTAGE: 220 VAC; CURRENT: 16-24 A; POLE: 3; MAXIMUM CURRENT RATING: 690 VAC; MANUF P/N: LC1D38M7; EQUIPMENT DESCRIPTION:380V WITH 220V COIL	No	32		
206	0583391	RELAY, OVERLOAD: TRIP RANGE: 0.35-0.5 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTO/MANUAL; CURRENT: 2 A; TERMINAL: 5 SCREW; MOUNT: DIRECT; MANUF P/N: 3RU2116-0FB0	No	24		
207	0625878	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 400 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 40 A; POLE: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 1NO 1NC; MAXIMUM CURRENT RATING: 10 A AT AC-12; SUPPL P/N: 3RT2024- 1AP00; SIZE:0; 5.5KW POWER CONTACTOR; MAIN CIRCUIT 40A AT AC-1 400VAC; SCREW TYPE TERMINALS; MOUNTING TYPE SCREW AND SNAP ONTO DIN 35MM; OPERATING TEMPERATURE - 25 TO 60 DEG C; STORAGE TEMPERATURE: -55 TO 80 DEG C; DIMENSIONS: WD 45 X DP 97 X HT 85MM	No	24		
208	0673837	MODULE, ELECTRONIC: TYPE: DIGITAL SAFETY; VOLTAGE: 24 VDC; SUPPL P/N: 3TK2842- 1BB42; MOTOR CONTROL CENTER; DIMENSIONS: 22.5X100X88VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	24		
209	0583392	RELAY, OVERLOAD: TRIP RANGE: 0.9-1.25 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTO/MANUAL; CURRENT: 4 A; TERMINAL: 5 SCREW; MOUNT: DIRECT; MANUF P/N: 3RU1116-OKBO	No	48		
210	0583393	RELAY, OVERLOAD: TRIP RANGE: 1.4-2 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTO/MANUAL; CURRENT: 6 A; TERMINAL: 5 SCREW; MOUNT: DIRECT; MANUF P/N: 3RU2116-1BB0	No	16		
211	0583394	RELAY, OVERLOAD: TRIP RANGE: 1.8-2.5 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTO/MANUAL; CURRENT: 10 A; TERMINAL: 5 SCREW; MOUNT: DIRECT; MANUF P/N: 3RU1116-1CB0	No	16		
212	0583395	RELAY, OVERLOAD: TRIP RANGE: 3.5-5 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTO/MANUAL; CURRENT: 20 A; TERMINAL: 5 SCREW; MOUNT: DIRECT; MANUF P/N: 3RU1116-1FB0	No	16		
213	0663369	RELAY: TYPE: BRAKE; COIL VOLTAGE: 440VAC/30VDC; CONTACT ARRANGEMENT: 1NO; CONTACT RATING: 440 VAC @ 3.5A/30 VDC @ 12A; ACTION: SPST; TERMINAL: 4 PIN; MOUNT: SCREW; ENCLOSURE RATING: IP20; MANUF P/N: 6SL3252-0BB00- 0AA0; FOR ASH PLANT (EMERGENCY ASH RECLAIMER)	No	8		
214	0582695	MODULE: TYPE: PROTECTION RELAY; MANUF P/N: 7SJ6411-2EB92-1FA0-LOS	No	8		
215	0708029	RESISTOR: RESISTANCE: 5.5 OHM; RATING: 5.6 KW; CONNECTION: THD; MATERIAL: CERAMIC CORE; TOLERANCE: +/-5 PCT; TYPE: SINAMICS; SPECIFICATION: AL:N/ECCN:N; CURRENT: 2.5 A; SUPPL P/N: 6SE6400-4BD26-0FA0; IP20; CONTACT: NC; DC LINK VOLTAGE: 900 VDC; WD 301 X LG 526 X HT 484 MM; TYPE: BRAKING; M6 STUDS	No	12		
216	0553061	CONNECTOR, ELECTRICAL: TYPE: CABLE; CONDUCTOR: 0.5 MM; MANUF P/N: 3UF7932-0AA00-0; SIMOCODE CONNECTION CABLE; FLAT	No	5		
217	0557321	SWITCH, SPEED: MANUF P/N: XSAV11801	No	24		
218	0553172	CONNECTOR, ELECTRICAL: TYPE: CABLE; CONDUCTOR: 1 MM; MANUF P/N: 3UF7937-0BA00-0; SIMOCODE CONNECTION CABLE	No	24		

219	0657890	CONTACT, AUXILIARY: TYPE: SWITCH TRANSVERSE, CONTACT ARRANGEMENT: 1NO 1NC, CURRENT: 10 A, POTENTIAL: 24 V AC, MATERIAL: PLASTIC MOLDED, CLASSIFICATION: IP20, ATTACHMENT METHOD: PLUG-IN, CONNECTION: SCREW; SUPPL P/N: 004.1491; REFERENCE NO: 3RV2901-1E	No	64		
220	0583411	CONTACT, AUXILIARY: CONTACT ARRANGEMENT: 1NO 1NC; MANUF P/N:3VL9400-2AB00	No	34		
221	0582712	TRANSDUCER: TYPE: VOLTAGE; INPUT: 230 VAC; OUTPUT: 4-20 MA; POWER SOURCE: 230 VAC; MANUF P/N: VA LDG6	No	24		
222	0575247	SENSOR, CURRENT: CURRENT: 5 A; POTENTIAL: 690 VAC; DIMENSIONS: 30 MM; TERMINAL TYPE: SCREW; MOUNT: PANEL; MANUF P/N: ELCOR-AC55E; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	24		
223	0604761	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 220 VAC; COIL VOLTAGE: 220 VAC; CURRENT: 45 A; POLE: 3; CONTACT ARRANGEMENT: 3NO; MANUF P/N: 277292; MODEL NO: DILM32-10; SUPPLIER:EATON; BELLCO; ALL CONTROL; 50HZ	No	54		
224	0606059	RELAY, CONTROL: CONTACT RATING: 250 VAC 10 A; CONTACT ARRANGEMENT: 2NO 2NC; COIL VOLTAGE: 110 VAC; ACTION: 2P2DT; MOUNT: SLOT IN; TERMINAL: 8 PIN; CONTACT MATERIAL: COPPER; ENCLOSURE RATING: IP65; TYPE: ELECTROMECHANICAL; USED ON THE LIFT EQUIPMENT	No	64		
225	0663356	MODULE: TYPE: PM240 POWER; INPUT: 380-400 V; OUTPUT: 400 V; APPLICATION: COAL RECLAIMER; DIMENSIONS: WD 350 X HT 634 X DP 316 MM; COMMERCIAL SIZE: FSF; MANUF P/N: 6SL3224-0BE34- 5UA0; POWER FACTOR 0.85A; AMBIENT OPERATION TEMPERATURE 0-50 DEG C; IP OPEN TYPE DEGREE OF PROTECTION; CONNECTIONS M8 BOLT	No	8		
226	0663358	MODULE: TYPE: PM240 POWER; INPUT: 380-480 V; OUTPUT: 400 V; APPLICATION: COAL RECLAIMER - CROSS CONVEYOR; DIMENSIONS: WD 350 X HT 634 X DP 316 MM; COMMERCIAL SIZE: FSF; MANUF P/N: 6SL3224-0BE38- 8UA0; POWR FACTOR 0.85A; AMBIENT OPERATION TEMPERATURE 0-50 DEG C; IP 20/UL OPEN TYPE DEGREE OF PROTECTION; CONNECTIONS M8 BOLT	No	8		
227	0673848	DRIVE, VARIABLE SPEED ELECTRICAL: TYPE: SINAMICS; OUTPUT RATING: 15 KW; POTENTIAL: 380-480 V; PHASE: 3; CURRENT: 57 A; CONTROL TYPE: G120- PM240; ENCLOSURE: IP20; SUPPL P/N: 6SL3224-0BE31- 1AA0; POWER MODULE PM240; WITH INTERGRATED FILTER AND INTERGRATED BREAKING CHOPPER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	8		
228	0708031	REACTOR: TYPE: MICROMASTER PX; REACTIVE POWER: 31 KVAR; POTENTIAL: 400 V; PHASE: 3; CURRENT: 224 A; INSULATION MATERIAL: GLASS FIBRE; APPLICATION: LINE; SUPPL P/N: 6SL3000-0CE32-3AA0; IP00; M6 CONNECTION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	15		
229	0708416	REACTOR: TYPE: MICROMASTER PX; REACTIVE POWER: 30 KVAR; POTENTIAL: 400 V; PHASE: 3; CURRENT: 270 A; INSULATION MATERIAL: FIBREGLASS; APPLICATION: LINE REACTOR; SUPPL P/N: 6SL3000-0CE32-8AA0; DIMENSIONS: WD 270 X HT 248 X DP 200MM; ENCLOSURE: IP00; CONNECTION: M6 SCREW; VENDORS ARE RESPONSIBLE	No	12		

		FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
230	0708032	INDUCTOR: TYPE: REACTANCE COIL; MATERIAL: GLASS FIBRE; POWER SUPPLY: 400 V 210 A 3P; APPLICATION: MOTOR; STANDARD: EC002025; SUPPL P/N: 6SL3000-2BE32-1AA0	No	12		
231	0625750	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: FIXED; TYPE: MAINS; CONTROL VOLTAGE: 400 V; POLES: 3; CURRENT RATING: 120 A; VOLTAGE PROTECTION LEVEL: 690 VAC; RATED INSULATION VOLTAGE: 800 VAC; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: ADJUSTABLE; SERVICE SHORT CIRCUIT BREAKING CAPACITY: ICU 50 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: ICU 50 KA; POLLUTION CLASS: IP40; ENCLOSURE RATING: - 30 TO 70 DEG C;SPECIFICATION: IEC 60947-2; APPLICATION: DISTRIBUTION; PROTECTION: INSTANTANEOUS; OVERLOAD; CONTROL TYPE: TOGGLE; MANUF P/N: LV432693; CONTACT PERSON: M DIYA TEL NO: 011 629-4914	No	64		
232	0629835	UNIT: TYPE: TRIP; APPLICATION: BREAKER; MANUF P/N: LV-4-30430	No	54		
233	0630407	SHUNT: TYPE: TRIP RELEASE; RATING: 220 V; MATERIAL: PLASTIC; SUPPL P/N: LV429387; RESPONSE TIME: 50MS; SUPPLY INRUSH POWER: 30W; IMPULSE DURATION: 20MS; CONTROL SIGNAL TYPE: IMPULSE MAINTAINED; DEVICE SHORT NAME: MXVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	81		
234	0631037	HOLDER, FUSE: POTENTIAL: 690 VAC; CURRENT: 100 A; FUSE SIZE: DIA 22 X LG 58 MM; FUSE STYLE: CYLINDRICAL; MOUNT: DIN RAIL; CONNECTION TYPE: SCREW; SUPPL P/N: 485301	No	154		
235	0637090	DRIVE, VARIABLE SPEED ELECTRICAL: TYPE: INVERTER; OUTPUT RATING: 37 KW; POTENTIAL: 400 VAC; PHASE: 3; INPUT: 400 VAC; CURRENT: 56.2 A; MOUNTING METHOD: BOLTED; SUPPL P/N: 6SL3224-0BE33-0UA0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	24		
236	0644184	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL 35 MM; TYPE: MCB; POLES: 2; CURRENT RATING: 2 A; VOLTAGE PROTECTION LEVEL: 480 V; RATED INSULATION VOLTAGE: 10 KV; IMPULSE WITHSTAND VOLTAGE: 480 V; SHORT TIME CURRENT: 15 KA; POLLUTION CLASS: 3; SPECIFICATION: EN 60898-1; APPLICATION: PANEL LIGHT MCB; PROTECTION: LINE; SUPPL P/N: 5SY7202-7	No	7		
237	0645096	TRANSFORMER, CURRENT: POTENTIAL: 1 KV; CURRENT: 1000/1 A; SHORT CIRCUIT CURRENT: 10 KA; CORE TYPE: IRON; CREEPAGE: 15 MM; APPARENT POWER: 10 VA; PHASE: 1; COOLING TYPE: NATURAL; WINDING MATERIAL: CU; CURRENT RATIO: 100/1 A; TYPE: RING; CLASS: 10P10; SUPPL P/N: WTI-1000/1-10P10/10VA; CT TEST CERTIFICATE REQUIRED ON EVERY DELIVERY	No	4		
238	0638869	CONTACT, AUXILIARY: TYPE: MAIN; CONTACT ARRANGEMENT: 2NO 2NC; CURRENT: 10 A; POTENTIAL: 24 VAC; MATERIAL: PVC; ATTACHMENT METHOD: SNAP ON; CONNECTION: SCREW; SUPPL P/N: 3RH1911-1FA22	No	20		

239	0645097	TRANSFORMER, CURRENT: POTENTIAL: 1 KV; CURRENT: 300/1 A; SHORT CIRCUIT CURRENT: 25 KA; CORE TYPE: IRON; CREEPAGE: 10 MM; APPARENT POWER: 10 VA; PHASE: 1; STYLE: REF; COOLING TYPE: NATURAL; SPECIFICATION: IEC 60044-1; CURRENT RATIO: 300/1; TYPE: RING; CLASS: 5P20; SUPPL P/N: 300/1-5P20 10VA; RS AT 75DEG C < 2.0 OHM	No	6		
240	0645100	Cooler Stop Contactor Latch Mechanical latch, 230VAC, 1 NO & 1 NC contact	No	4		
241	0656108	MODULE: TYPE: POWER; INPUT: 380-480 V; OUTPUT: 400 V; POWER SOURCE: 380-480 V; APPLICATION: STACKERS AND RECLAIMERS; DIMENSIONS: WD 275 X HT 419 X DP 204 MM; MANUF P/N: 6SL3224-0BE31-8UA0	No	32		
242	0656115	MODULE, POWER SUPPLY: TYPE: SINAMICS 240; INPUT: 380-480 V; OUTPUT: 178 A; APPLICATION: COAL STACKER AND ASH RECLAIMING; MANUF P/N: 6SL3224-0BE37-5UA0; 3AC; MOTOR IEC 75KW/90KW NEMA	No	24		
243	0656343	EARTH LEAKAGE: TYPE: CIRCUIT BREAKER; CURRENT: 63 A; POTENTIAL: 230 V; POLE: 2; LEAKAGE CURRENT: 30 MA; INTERRUPT CAPACITY: 1500 A; MANUF P/N: A9R41263; HEIGHT: 91MM; WIDTH 36MM: DEPTH 73.5MM; PROTECTION CLASS TYPE AC	No	72		
244	0662919	RELAY, CONTROL: CONTACT RATING: 10 A; CONTACT ARRANGEMENT: 2NO 2NC; COIL VOLTAGE: 230 VAC; ACTION: SPDT; MOUNT: SCREW; TERMINAL: 11 PIN PLUG IN; PART NO: LA5/D230VAC50MV; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	54		
245	0663335	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MINIATURE; POLES: 2; CURRENT RATING: 20 A; VOLTAGE PROTECTION LEVEL: 500 V; RATED INSULATION VOLTAGE: 500 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 160 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 4500 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20 B; SPECIFICATION: IEC 60947-2; EN 60898-1; APPLICATION: COAL STACKER; PROTECTION: THERMAL MAGNETIC; CONTROL TYPE: TOGGLE; MANUF P/N: A9F64220; REFERENCE NO: ACTI 9 IC60; C CURVE; WIDTH 36MM; DEPTH 78.5MM; AMBIENT AIR TEMPERATURE FOR OPERATION -35 TO 70 DEG C	No	90		
246	0663336	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MINIATURE; POLES: 2; CURRENT RATING: 2 A; VOLTAGE PROTECTION LEVEL: 500 V; RATED INSULATION VOLTAGE: 500 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 16 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 4500 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 6 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20 B; SPECIFICATION: IEC 60947-2; EN 60898-1; APPLICATION: COAL STACKER/RECLAIMER; PROTECTION: THERMAL MAGNETIC; CONTROL TYPE: TOGGLE; OEM P/N: A9F64202; REFERENCE NO: ACTI 9 IC60; C-CURVE; WIDTH 36MM	No	54		
247	0663353	MODULE: TYPE: POWER; INPUT: 380-480 VAC; OUTPUT: 400 VAC; APPLICATION: COAL STACKER; DIMENSIONS: WD 326 X HT 1533 X DP 547 MM; MANUF P/N: 6SL3224-0XE41- 3UA0; NUMBER OF PHASES 3; POWER FACTOR 0.85A; AMBIENT TEMPERATURE OPERATION 0-40 DEG C; IP 20/UL OPEN TYPE DEGREE OF PROTECTION; SIZE FSGX; CONNECTION M10 BOLT; FOR COAL PLANT	No	54		

248	0663354	MODULE: TYPE: PM240 POWER; INPUT: 380-480 V; OUTPUT: 400 V; APPLICATION: COAL/RECLAIMER DRAIN DRIVES; DIMENSIONS: WD 350 X HT 634 X DP 316 MM; MANUF P/N: 6SL3224-0BE41- 1UA0; POWER FACTOR 0.85A; AMBIENT OPERATION TEMPERATURE 0-50 DEG C; IP 20/UL OPEN TYPE DEGREE OF PROTECTION; SIZE FSF; CONNECT M8 BOLT	No	54		
249	0663450	UNINTERRUPTIBLE POWER SUPPLY: APPLICATION: MCC CONTROL POWER; INPUT: 230 VAC; RATING: 3 KVA; OUTPUT VOLTAGE: 230 VAC; OUTPUT CURRENT: 13 A; INTERNAL BATTERIES; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	12		
250	0667340	RELAY: TYPE: GENERAL PURPOSE; COIL VOLTAGE: 24 VDC; CONTACT ARRANGEMENT: 2NO 2NC; CONTACT RATING: 8 A; ACTION: DPDT; TERMINAL: 8 BLADE TERMINAL; MOUNT: PLUG IN; ENCLOSURE RATING: RT II; CONTACT MATERIAL: AGNI; MANUF P/N: 46.52.9.024.0040	No	64		
251	0668153	BLOCK, TERMINAL: POTENTIAL: 800 V; CURRENT: 124 A; WIRE SIZE: 35 MM; CIRCUIT: 1; WIDTH: 16 MM; LENGTH: 63 MM; TERMINAL QUANTITY: 1; SUPPL P/N: WKN 355L/U; FIN FANS; EARTH TERMINAL; 35 MM, NKN SL/U, EN60715-35MM; EXE	No	24		
252	0669825	CONTACT, AUXILIARY: TYPE: CB; CONTACT ARRANGEMENT: OC; CURRENT: 3A; POTENTIAL: 415V; MATERIAL: PLASTIC; CLASSIFICATION: IP20; ATTACHMENT METHOD: CLIP ON; CONNECTION: 1.5MM FERRULE; SPECIFICATION: IP20; MANUF P/N: A9A26924	No	72		
253	0672499	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: FIXED/WALL; TYPE: THERMAL MAGNETIC; POLES: 3; CURRENT RATING: 160 A; VOLTAGE PROTECTION LEVEL: 690 VAC; RATED INSULATION VOLTAGE: 800 VAC; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 1250 A; POLLUTION CLASS: 2; ENCLOSURE RATING: IP40; SPECIFICATION: LV430310; APPLICATION: MOBILE FEEDER 5-10XIN ADJUSTABLE; PROTECTION: THERMAL MAGNETIC; OEM P/N: LV430310; INCLUDE: 2 X AUXILLARIES - P/N: 29450; 1 X TRIP COIL 220-240VAC - P/N: LV429387; 1 X EXTENDED ROTARY HANDLE COMPACT NSX STANDARD HANDLE IP55 - P/N: LV429338	No	72		
254	0675248	TRANSFORMER, CURRENT: POTENTIAL: 1 KV; CURRENT: 800-1 A; SHORT CIRCUIT CURRENT: 10 KA; CORE TYPE: IRON; CREEPAGE: 15 MM; APPARENT POWER: 10 VA; PHASE: 1; INCLOSURE TYPE: NATURAL; WINDING MATERIAL: CU; CURRENT RATIO: 800:1; TYPE: RING; CLASS: 10P10; SUPPL P/N: WTI800/1A-10P10-10VA; TEST CERTIFICATE REQUIRED ON EVERY DELIVERY	No	4		
255	0675249	TRANSFORMER, CURRENT: POTENTIAL: 1 KV; CURRENT: 2000-1 A; SHORT CIRCUIT CURRENT: 10 KA; CORE TYPE: IRON; CREEPAGE: 15 MM; APPARENT POWER: 10 VA; PHASE: 1; INCLOSURE TYPE: NATURAL; WINDING MATERIAL: CU; CURRENT RATIO: 2000:1; TYPE: RING; CLASS: 10P10; SUPPL P/N: WTI2000/1A-10P10-10V; TEST CERTIFICATE REQUIRED ON EVERY DELIVERY	No	6		
256	0675314	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: CLIP ON; POTENTIAL: 100-600 VAC; CURRENT: 0.7 A; SHORT TIME CURRENT: 50 A; POLE: 4; CONTROL VOLTAGE: 240 V; CREEPAGE: 22 MM; BASIC INSULATION LEVEL: 6 KV; INSULATION MATERIAL: MOLDED; OPERATING CONTROL TYPE: PUSHBUTTON; POLLUTION CLASS: 2; APPLICATION: MOBILE FEEDER; SPECIFICATION: MP4-00400- ELEC-00; COLOR: GREY; TYPE: NSX 250F MOTOR CIRCUIT PROTECTOR; SUPPL P/N: LV431408	No	24		

257	0675315	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: CLIP ON; POTENTIAL: 200 VAC; CURRENT: 20 A; SHORT TIME CURRENT: 100 A; POLE: 4; CONTROL VOLTAGE: 240 V; CREEPAGE: 22 MM; BASIC INSULATION LEVEL: 6 KV; INSULATION MATERIAL: MOLDED; OPERATING CONTROL TYPE: PUSHBUTTON; POLLUTION CLASS: 2; APPLICATION: MOBILE FEEDER; 3D TM250D TRIP UNIT FOR NSX250; SPECIFICATION: MP4-00400-ELEC-00; COLOR: GREY; SUPPL P/N: LV431440	No	32		
258	0675318	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: CLIP ON; POTENTIAL: 110 VAC; CURRENT: 8.9 A; SHORT TIME CURRENT: 150 A; POLE: 4; CONTROL VOLTAGE: 240 V; CREEPAGE: 22 MM; BASIC INSULATION LEVEL: 6 KV; INSULATION MATERIAL: MOLDED; OPERATING CONTROL TYPE: PUSHBUTTON; POLLUTION CLASS: 2; APPLICATION: MOBILE FEEDER; 4PT 440- 550V AC 0.3-10A VIGI MH; SPECIFICATION: MP4-00400- ELEC-00; COLOR: GREY; TYPE: NSX 250F MOTOR CIRCUIT PROTECTOR; SUPPL P/N: LV431534	No	54		
259	0675326	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: CLIP ON; POTENTIAL: 222 VAC; CURRENT: 16 A; SHORT TIME CURRENT: 10 A; POLE: 4; CONTROL VOLTAGE: 240 V; CREEPAGE: 22 MM; BASIC INSULATION LEVEL: 6 KV; INSULATION MATERIAL: PLASTIC HARD; OPERATING CONTROL TYPE: PUSHBUTTON; POLLUTION CLASS: 2; APPLICATION: MOBILE FEEDER; MF1-3 220 VOLT DISTRIBUTION PANEL 01BFP01 AA003;SPECIFICATION: MP4-00400- ELEC-00; COLOR: GREY; TYPE: CURVE C; MODEL NO: IC60A; SUPPL P/N: A9F64316	No	81		
260	0675327	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: CLIP ON; POTENTIAL: 240 VAC; CURRENT: 63 A; SHORT TIME CURRENT: 10 A; POLE: 4; CONTROL VOLTAGE: 240 V; CREEPAGE: 22 MM; BASIC INSULATION LEVEL: 10 KV; INSULATION MATERIAL: PLASTIC HARD; OPERATING CONTROL TYPE: PUSHBUTTON; POLLUTION CLASS: 2; APPLICATION: MOBILE FEEDER; MF1-3 220 VOLT DISTRIBUTION PANEL 01BFP01 AA003; SPECIFICATION: MP4-00400- ELEC-00; COLOR: GREY; TYPE:CURVE C; SUPPL P/N: A9F64463	No	72		
261	0675337	EARTH LEAKAGE: TYPE: THERMAL; CURRENT: 25 A; POTENTIAL: 220 VAC; POLE: 2; INTERRUPT CAPACITY: 30 MA; SPECIFICATION: MP4- 00400-ELEC-00; SUPPL P/N: A9V41225	No	56		
262	0675338	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: CLIP ON; POTENTIAL: 207 VAC; CURRENT: 16 A; SHORT TIME CURRENT: 6 KA; POLE: 2; CONTROL VOLTAGE: 220 V; CREEPAGE: 22 MM; BASIC INSULATION LEVEL: 10 KV; INSULATION MATERIAL: PLASTIC HARD; OPERATING CONTROL TYPE: PUSHBUTTON; POLLUTION CLASS: 2; APPLICATION: MOBILE FEEDER; MF1-3 220 VOLT DISTRIBUTION PANEL 01BFP01 AA003; SPECIFICATION: MP4-00400- ELEC-00; IC60A; COLOR: GREY; TYPE: CURVE C; SUPPL P/N: A9F64216	No	46		
263	0675339	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: CLIP ON; POTENTIAL: 380 VAC; CURRENT: 10 A; SHORT TIME CURRENT: 6 KA; POLE: 2; CONTROL VOLTAGE: 220 V; CREEPAGE: 22 MM; BASIC INSULATION LEVEL: 10 KV; INSULATION MATERIAL: PLASTIC HARD; OPERATING CONTROL TYPE: PUSHBUTTON; POLLUTION CLASS: 2; APPLICATION: MOBILE FEEDER; MF1-3 220 VOLT DISTRIBUTION PANEL 01BFP01 AA003; SPECIFICATION: MP4-00400- ELEC-00; IC60A; COLOR: GREY; TYPE: CURVE C; SUPPL P/N: A9F64210	No	54		

264	0675340	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: CLIP ON; POTENTIAL: 220 VAC; CURRENT: 2 A; SHORT TIME CURRENT: 6 KA; POLE: 1; CONTROL VOLTAGE: 220 V; CREEPAGE: 22 MM; BASIC INSULATION LEVEL: 10 KV; INSULATION MATERIAL: PLASTIC HARD; OPERATING CONTROL TYPE: PUSHBUTTON; POLLUTION CLASS: 2; APPLICATION: MOBILE FEEDER; MF1-3 220 VOLT DISTRIBUTION PANEL 01BFP01 AA003; SPECIFICATION: MP4-00400- ELEC-00; IC60N; COLOR: GREY; TYPE: CURVE C; SUPPL P/N: A9F64102 BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MINIATURE; POLES: 2; CURRENT RATING: 20 A; VOLTAGE PROTECTION LEVEL: 500 V; RATED INSULATION VOLTAGE: 500 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 160 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 4500 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20 B; SPECIFICATION: IEC 60947-2; EN 60898-1; APPLICATION: COAL STACKER; PROTECTION: THERMAL MAGNETIC; CONTROL TYPE: TOGGLE; MANUF P/N: A9F64220; REFERENCE NO: ACTI 9 IC60; C CURVE; WIDTH 36MM; DEPTH 78.5MM; AMBIENT AIR TEMPERATURE FOR OPERATION -35 TO 70 DEG C	No	54		
265	0675399	HOLDER, FUSE: POTENTIAL: 400 V; CURRENT: 125 A; FUSE SIZE: DIA 22 X LG 58 MM; FUSE STYLE: PMX SERIES; SPECIFICATION: MP4-00400- ELEC-00; TYPE: FUSE LINK; SUPPL P/N: 485305	No	54		
266	0675400	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 400 V; CONNECTION TYPE: CLIP ON; DIMENSIONS: DIA 22 X LG 58 MM; TYPE: CYLINDRICAL; SPECIFICATION: MP4-00400-ELEC-00; GG; SUPPL P/N: 422015	No	124		
267	0675406	CONTACTOR: TYPE: LATCH; LINE VOLTAGE: 230V 50HZ; COIL VOLTAGE: 220 VAC; CURRENT: 10 A; POLE: 1; SUPPL P/N: LC1D150M7	No	124		
268	0675410	RELAY, OVERLOAD: TRIP RANGE: 48-80 A; TYPE: MAIN; CONTACT ARRANGEMENT: 1NO 1NC; RESET: MANUAL; CURRENT: 10 A; TERMINAL: 18 PIN; MOUNT: PLUG IN; APPLICATION: STOCKYARD IMS MOBILE FEEDER; MF1-3 MAIN DRIVE-F10/11; SPECIFICATION: MP4-00400- ELEC-00; PART NO: LR9F5363; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	54		
269	0675643	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: PUSHBUTTON; POTENTIAL: 100 VDC; CURRENT: 6 A; SHORT TIME CURRENT: 10 KA; POLE: 2; CONTROL VOLTAGE: 10 KV; CREEPAGE: 28 MM; BASIC INSULATION LEVEL: 6 KV; INSULATION MATERIAL: MOLDED; OPERATING CONTROL TYPE: ON/OFF SWITCH; POLLUTION CLASS: 2; APPLICATION: MF1- 3 MAIN DRIVE-Q10; MOBILE FEEDER; SPECIFICATION: IC60; SUPPL P/N: A9F77206	No	54		
270	0675646	METER, HOUR: TYPE: MECHANICAL COUNTER; ACCURACY: 100 PCT; MEASUREMENT RANGE: 220 VAC; APPLICATION: MOBILE FEEDER; MF1-3 MAIN DRIVE-D02; SUPPL P/N: XBKH70000002M	No	54		
271	0675811	RELAY, CONTROL: CONTACT RATING: 10-40 A; CONTACT ARRANGEMENT: 1NO 1NC; COIL VOLTAGE: 500 VAC; ACTION: SPST; MOUNT: BASE; TERMINAL: 11 PIN; CONTACT MATERIAL: AG PLTD; ENCLOSURE RATING: IP20; SPECIFICATION: MF1-3 MAIN DRIVE-A01; TYPE: EARTH LEAKAGE; PART NO: GA0- 0375-0-0-0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	46		

272	0675812	RELAY, CONTROL: CONTACT RATING: 10 A; CONTACT ARRANGEMENT: 1NO 1NC; COIL VOLTAGE: 230 VAC; ACTION: SPST; MOUNT: BASE; TERMINAL: 4 PIN; CONTACT MATERIAL: AG PLTD; ENCLOSURE RATING: IP20; SPECIFICATION: MF1-3 MAIN DRIVE-4CD; PART NO: RXM4AB1P7; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	54		
273	0675814	TRANSFORMER, CURRENT: TYPE: CORE BALANCE; POTENTIAL: 0.66 KVAC; SHORT CIRCUIT CURRENT: 2.5 KA; CORE TYPE: 1D; CREEPAGE: 63 MM; CURRENT: 0.5-1 A; SPECIFICATION: MF1-3 MAIN DRIVE-T01; PART NO: BTX0001; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	32		
274	0626274	FUSE: TYPE: CYLINDRICAL; CURRENT: 2 A; MATERIAL: CERAMIC; POTENTIAL: 500 VAC; CONNECTION: PUSH IN; DIMENSIONS: DIA 10 X LG 38 MM; SUPPL P/N: 420002	No	20		
275	0693930	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: PUSHBUTTON; POTENTIAL: 100-600 VAC; CURRENT: 4500 A; SHORT TIME CURRENT: 6 KA; POLE: 1; CONTROL VOLTAGE: 230-400 V; CREEPAGE: 906 MM; BASIC INSULATION LEVEL: 8 KV; INSULATION MATERIAL: PLASTIC HARD; OPERATING CONTROL TYPE: ON/OFF SWITCH; POLLUTION CLASS: 2; APPLICATION: BUFFALO FEEDER; SPECIFICATION: ACTI9 IC60A; IEC 60898-1; IEC 60947-2; TYPE: C CURVE; SUPPL P/N: A9F64103	No	6		
276	0693934	CONTACT: TYPE: FIXED; POTENTIAL: 1 KV; CURRENT: 76 A; MATERIAL: AG PLTD; APPLICATION: BUFFALO FEEDER; SUPPL P/N: 3044199; FEED THROUGH TERMINAL BLOCK, SCREW TERMINATION, SERIES UT 16; WIRE SIZE: 16.4AWG; CABLE CSA: 1.5 X 25MM2; COLOUR GREY; NUMBER OF LEVELS SINGLE; TERMINATION METHOD SCREW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	32		
277	0694141	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 690 VAC; CONNECTION TYPE: CLIP; DIMENSIONS: DIA 22 X LG 58 MM; TYPE: HIGH SPEED; SUPPL P/N: DF-492137	No	110		
278	0694272	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MINIATURE; POLES: 2; CURRENT RATING: 6 A; VOLTAGE PROTECTION LEVEL: 4100 V; RATED INSULATION VOLTAGE: 500 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 6 KA; POLLUTION CLASS: 3; SPECIFICATION: IEC 60947-2; APPLICATION: BREAKERS; PROTECTION: OVERLOAD/SHORT CIRCUIT; SUPPL P/N: A9F64206	No	54		
279	0694273	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MINIATURE; POLES: 2; CURRENT RATING: 32 A; VOLTAGE PROTECTION LEVEL: 4100 V; RATED INSULATION VOLTAGE: 500 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 6 KA; POLLUTION CLASS: 3;SPECIFICATION: IEC 60947-2;APPLICATION:BREAKERS;PROTECTION:OVERLOAD/SHORT CIRCUIT; SUPPL P/N: A9F64232	No	54		
280	0694274	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MINIATURE; POLES: 2; CURRENT RATING: 63 A; VOLTAGE PROTECTION LEVEL: 4100 V; RATED INSULATION VOLTAGE: 500 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 6 KA; POLLUTION CLASS: 3;SPECIFICATION: IEC 60947-2; APPLICATION: BREAKERS; PROTECTION: OVERLOAD/SHORT CIRCUIT;SUPPL P/N: A9F64263	No	72		

281	0694276	HOLDER, FUSE: POTENTIAL: 690 VAC; CURRENT: 320 A; FUSE SIZE: DIA 10 X LG 38 MM; FUSE STYLE: CARTRIDGE; MOUNT: DIN RAIL; CONNECTION TYPE: FRONT; SUPPL P/N: 485104	No	24		
282	0694278	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 12.7 X LG 56 MM; TYPE: CURRENT LIMITING; SUPPL P/N: NIT6A	No	124		
283	0694279	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 415 VAC; CONNECTION TYPE: BOLTED; DIMENSIONS: DIA 12.7 X LG 56 MM; SUPPL P/N: NIT32A	No	54		
284	0694280	FUSE, CARTRIDGE: CURRENT:3.15 A; POTENTIAL: 250 VAC; CONNECTION TYPE: CLIP; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLOW BLOW; CASE MATERIAL: GLASS;SUPPL P/N: NH-AR-FNH1- 400KA	No	154		
285	0694281	FLASHLIGHT: TYPE: PILOT; SIZE NUMBER: CREE XM-L XML L2 LED; CELL: (4) AAA; LENS COLOR: CLEAR; MATERIAL: PLASTIC; POWER: 5 W; SUPPL P/N: AD16-22SR23	No	72		
286	0694282	SWITCH, LIMIT: POTENTIAL: 300 V; CURRENT: 10 A; ACTION: SPST; ACTUATOR: MECH SWITCH ASSEMBLY; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: CLASS 1; SNAP-ACTION; PART NO: XCKM106H29; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	72		
287	0695049	DRIVE, VARIABLE SPEED ELECTRICAL: TYPE: SINAMICA G120; OUTPUT RATING: 45 KW; POTENTIAL: 380-480 VAC; PHASE: 3; DIMENSIONS: WD 275 X LG 635 X HT 204; INPUT: 420 VAC; SPEED: 1500 RPM; CURRENT: 54 A; MOUNTING METHOD: BOLTED; CONTROL TYPE: VECTOR; ENCLOSURE: IP20; SUPPL P/N: 6SL3224-0BE33- 7AA0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	24		
288	0701194	BLOCK, TERMINAL: POTENTIAL: 1000 V; CURRENT: 232 A; WIRE SIZE: 95 MM2; CIRCUIT: 6; WIDTH: 25 MM; LENGTH: 80 MM; SUPPL P/N: 304340-AVK-95; FEED THROUGH	No	194		
289	0701196	BLOCK, TERMINAL: POTENTIAL: 600 V; CURRENT: 65 A; WIRE SIZE: 95 MM2; CIRCUIT: 2; WIDTH: 10 MM; LENGTH: 53.8 MM; SUPPL P/N: WKN10/U; FEED THROUGH	No	194		
290	0701199	RELAY, CONTROL: CONTACT RATING: 8 A; CONTACT ARRANGEMENT: 2NO 2NC; COIL VOLTAGE: 230 VAC; ACTION: 2PDT; MOUNT: DIN RAIL/PLUG-IN; TERMINAL: QUICK-CONNECT; ENCLOSURE RATING: IP20; TYPE: NON-LATCHING; SUPPL P/N: 465282300040; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	64		
291	0703822	SWITCH, PUSHBUTTON: HEAD STYLE: CIRCULAR; COLOR: RED; ELECTRICAL RATING: 24 V; ACTION: 1PST; CONTACT ARRANGEMENT: 1NO; MOUNT: REAR FLAT; SIZE: 22 MM; APPLICATION: PUSH BUTTONS AND SELECTORS; HOUSING: ALUMINIUM; SPECIFICATION: IP65; SUPPL P/N: LM2T B104; FLUSH MOMENTARY GRN P/BUTTON ACTUATOR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	154		

292	0703823	SWITCH, PUSHBUTTON: HEAD STYLE: CIRCULAR; COLOR: BLACK; ELECTRICAL RATING: 24 V; ACTION: 1PST; CONTACT ARRANGEMENT: 1NO; MOUNT: REAR FLAT; SIZE: 22 MM; APPLICATION: PUSH BUTTONS AND SELECTORS; HOUSING: ALUMINIUM; SPECIFICATION: IP66; SUPPL P/N: LM2T B634; PROTECTIVE BOOT FOR MUSHROOM HEAD BUTTONS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	94		
293	0703825	SWITCH, SELECTOR: OPERATED: HANDLE; POSITION: 1; POTENTIAL: 440 VAC; CURRENT: 32 A; CONTACT CONFIGURATION: AUTO/TEST; CONTACT ARRANGEMENT: 1NO; TYPE: Y7-95825; POWER: 15 KW; ACTION: 4PST; APPLICATION: LOW-VOLTAGE INDUSTRIAL COMPONENTS; CLASSIFICATION: IP65; SUPPL P/N: P1-32/V/SVB; RATED SHORT-CIRCUIT CURRENT: 80KA; DEGREE OF PROTECTION (NEMA): 12; SCREW CONNECTION; SHORT-TIME WITHSTAND CURRENT LCW: 0.64KA; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	54		
294	0694271	BLOCK, TERMINAL: POTENTIAL: 1000 V;CURRENT: 24 A; WIRE SIZE: 9 MM; CIRCUIT: 3; WIDTH: 5.2 MM; LENGTH: 47.7 MM; SUPPL P/N: 3044076; M3 SCREW CONNECTION	No	24		
295	0693935	CONTACT: TYPE: PLUG; POTENTIAL: 1 KV; CURRENT: 125 A; MATERIAL: AG PLTD; APPLICATION: BUFFALO FEEDER; SUPPL P/N: 3044225; FEED THROUGH TERMINAL BLOCK, SCREW TERMINATION, SERIES UT 35; WIRE SIZE: 16.0AWG; CABLE CSA: 1.5 X 50 MM2; COLOUR GREY; NUMBER OF LEVELS: SINGLE; TERMINATION METHOD: SCREW; HAZARDOUS AREA CERTIFICATION: ATEX;VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	54		
296	0602275	HANDLE, EXTENSION: TYPE: ROTARY; DIMENSIONS: 300 MM; MATERIAL: BAKELITE/MS; MANUF P/N: LV429338; SUPPLIER: ANY SCHNEIDER DISTRIBUTORVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	32		
297	0703832	TRANSFORMER, CURRENT: TYPE: SPLIT; POTENTIAL: 720 V; SHORT CIRCUIT CURRENT: 0.1 KA; CORE TYPE: SPLIT; CREEPAGE: 24 MM; CURRENT: 150 A; PHASE: 1; COOLING TYPE: NATURAL AIR; INCLOSURE TYPE: IP55; WINDING MATERIAL: COPPER; SPECIFICATION: IEC/EN60044-1; IEC61010-1; CURRENT RATIO: 150/1 A; CLASS: CL 3; SUPPL P/N: JS24S-150/1A; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	32		
298	0218842	DRIVE, VARIABLE SPEED: RATIO: 1:1; INPUT RPM: 0-1500 RPM; OUTPUT RPM: 0-1500 RPM; POWER: 40kW;POWER SOURCE: 380 VAC 9 A 3 PH; REFERENCE NO: SACFW110010T4SZ; COMPLETE WITH EBB CARD, HARDWARE REVISION 56,SOFTWARE REVISION 2.62; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	12		

299	0694275	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: BACKPLATE; TYPE: COMPACT; POLES: 2; CURRENT RATING: 100 A; VOLTAGE PROTECTION LEVEL: 4100 V; RATED INSULATION VOLTAGE: 750 VAC; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 6 KA; POLLUTION CLASS: 3; SPECIFICATION: IEC 60947-2; APPLICATION: BREAKERS; PROTECTION: OVERLOAD/SHORT CIRCUIT; SUPPL P/N: NS100N-TM16D	No	24		
300	0587413	RELAY, THERMAL: TYPE: TEMPERATURE CONTROL; COIL VOLTAGE: 690 VAC; CONTACT RATING: 5.5 - 8 A; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE RATING: OPEN; OPERATING TEMP RANGE: -5 TO 60 DEG C; MANUF P/N: LRD12; SPECIFICATION: C.O.C; Q4:NSF:NC:0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	24		
301	0557325	BREAKER, CIRCUIT: POTENTIAL: 400 V; CURRENT: 300 A; POLE: 3; MANUF P/N:NS400N STR23SE 32693	No	24		
302	0623554	EARTH LEAKAGE:BP364;WELDING SOCKET;63 A	No	54		
303	0637344	CONNECTOR: TYPE: BUS; DIMENSIONS: WD 40 X HT 65 X THK 16 MM; MATERIAL: PLASTIC; SPECIFICATION: ISO 9001; MANUF P/N: 6ES7972- 0BA12-0XA0	No	24		
304	0703810	CONTACTOR: TYPE: TESYS F; LINE VOLTAGE: 1000VAC/460VDC; COIL VOLTAGE: 24 VDC; CURRENT: 115 A; POLE: 3; ENCLOSURE RATING: IP2X; SPECIFICATION: AC-3; CONTACT ARRANGEMENT: 3NO; SUPPL P/N: LC1-F115 +LX1FF110	No	12		
305	0248774	RELAY, OVERLOAD: TRIP RANGE: 1-1.6 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; MOUNT: DIRECT BENEATH CONTACTOR; OPERATING TEMP RANGE: -20 TO 60 DEG C; MANUF P/N: LRD-06; NO. OF POLES: 3 INSULATION; 690 V; AUXILIARY; DIMENSIONS: 45 X 46 X 70; TOTAL WEIGHT:0.124	No	40		
306	0693814	CONTACTOR: TYPE: A-LINE; LINE VOLTAGE: 244 VAC; COIL VOLTAGE: 110 VAC; CURRENT: 25 A; POLE: 3; SPECIFICATION: SERIES LC1D; CONTACT ARRANGEMENT: 3NO; SUPPL P/N: LC1D25F7; POWER RATING 11 KW; RANGE TESYS D; TERMINAL TYPE SCREW, WIDTH 45MM, DEPTH 90MM, MAXIMUM OPERATING TEMPERATURE: 60 DEG C; MINIMUM OPERATING TEMPERATURE: - 5 DEG C; DIMENSIONS: LG 85MM	No	40		
307	0708028	RESISTOR: RESISTANCE: 56 OHM; RATING: 0.65 KW; CONNECTION: THD; MATERIAL: CERAMIC CORE; TOLERANCE: +/-5 PCT; TYPE: MICROMASTER; SPECIFICATION: AL:N/ECCN:N; CURRENT: 2.5 A; SUPPL P/N: 6SE6400-4BD16-5CA0; 4 BRAKING RESISTOR; M6 STUDS	No	16		
308	0708030	REACTOR: TYPE: OUTPUT; REACTIVE POWER: 70 KVA; POTENTIAL: 400 V; PHASE: 3; CURRENT: 178 A; INSULATION MATERIAL: GLASS FIBRE; APPLICATION: LIMESTONE RECLAIMER 07BFN; SUPPL P/N: 6SE6400-3TC14-5FD0; SPECIFICATION: FS F-0.2 MH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	No	9		
309	0708033	INDUCTOR: TYPE: REACTANCE COIL; MATERIAL: GLASS FIBRE; POWER SUPPLY: 400 V 260 A 3P; APPLICATION: MOTOR; STANDARD: EC002025; SUPPL P/N: 6SL3000-2BE32-6AA0	No	45		
310	0708034	TRANSFORMER, INSTRUMENT: TYPE: CONTROL, CURRENT: 0.5 A, POTENTIAL: 400/230 V, APPARENT POWER: 50 VA, CONNECTION: THD, SPECIFICATION: IEC/EN 61558-2-4; SUPPL P/N: 73N0500000	No	12		

311	0663284	BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MINIATURE; POLES: 1; CURRENT RATING: 6 A; VOLTAGE PROTECTION LEVEL: 500 VAC; SHORT TIME CURRENT: 48 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 4500 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 6 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20 B; SPECIFICATION: IEC 60947-2; EN 60898-1; APPLICATION: COAL STACKER/RECLAIMER; PROTECTION: THERMAL MAGNETIC; CONTROL TYPE: TOGGLE; MANUF P/N: A9F64106; REFERENCE NO: ACTI 9 IC60A; C CURVE; AMBIENT TEMPERATURE FOR OPERATION -35 TO 70 DEG C; WIDTH 18 MM; DEPTH 78.5 MM; COLOUR WHITE	No	72		
312	0675247	TRANSFORMER, CURRENT: POTENTIAL: 1 KV; CURRENT: 500-1.5 A; SHORT CIRCUIT CURRENT: 10 KA; CORE TYPE: IRON; CREEPAGE: 15 MM; APPARENT POWER: 10 VA; PHASE: 1; INCLOSURE TYPE: NATURAL; WINDING MATERIAL: CU; CURRENT RATIO: 500/1.5; TYPE: RING; CLASS: 10P10; SUPPL P/N: WTI500/1.5A-10P10-10VA; TEST CERTIFICATE REQUIRED ON EVERY DELIVERY	No	5		
313	0120047	DESICCANT: TYPE: SILICA GEL; CONTAINER: BAG 25 KG; MESH: 3-6 MM; ENVIROGEL ORANGE INDICATING BEADS; FOR USE ON TRANSFORMER BREATHERS; TO BE PROPERLY SEALED SO THAT MOISTURE WILL NOT BE ABSORBED; DELIVERY WILL NOT BE ACCEPTED IF HAZARDOUS CHEMICAL DATA SHEET IS NOT SUPPLIED WITH EVERY DELIVERY	No	9		
314	0662091	GASKET, PRE CUT: DIMENSIONS: WD 1870 X LG 1956 MM; THICKNESS: 6 MM; TYPE: SEALING CORK; MATERIAL: NEOPRENE BONDED CORK; SHAPE: RECTANGULAR	No	8		
315	0644842	COOLER: TYPE: GEN SET; DIMENSIONS: DIA 12 X THK 2 MM; RATING: 60 DEG C; SUPPL P/N: 240000060	No	12		
316	0644850	COOLER: TYPE: GEN SET; DIMENSIONS: DIA 12 X THK 2 MM; RATING: 60 DEG C; SUPPL P/N: 240000060	No	12		
317	0656440	LINK, FUSE: TYPE: CERAMIC CARTRIDGE; CURRENT: 125 A; POTENTIAL: 400 V; MANUF P/N: 0108010029; REFERENCE NO: 18465-G; GG; 22 X 58 MM; WITH STRIKER	No	96		
318	0643843	HANDLE: TYPE: FUSE BLOCK 2P 100 A; DIMENSIONS: DIA 22 X LG 58 MM; MATERIAL: PLASTIC; SUPPL P/N: 5620600025; DIRECT COMMAND	No	96		
319	0643844	HANDLE: TYPE: FUSE BLOCK 2P 125 A; DIMENSIONS: DIA 22 X LG 58 MM; MATERIAL: PLASTIC; SUPPL P/N: 5620600026; DIRECT COMMAND	No	96		
320	0641811	FUSE: TYPE: CYLINDRICAL; CURRENT: 63 A; MATERIAL: GLASS; POTENTIAL: 220 V; CONNECTION: PUSH IN; DIMENSIONS: DIA 10 X LG 38 MM; SUPPL P/N: 5800300018	No	96		
321	0641813	FUSE: TYPE: CYLINDRICAL; CURRENT: 10 A; MATERIAL: GLASS; POTENTIAL: 24 V; CONNECTION: PUSH IN; DIMENSIONS: DIA 10 X LG 38 MM; SUPPL P/N: 5800300023	No	96		
322	0643566	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 500 V; SUPPL P/N: 5800300027	No	96		
323	0641812	FUSE: TYPE: CYLINDRICAL; CURRENT: 125 A; MATERIAL: GLASS; POTENTIAL: 500 V; CONNECTION: PUSH IN; DIMENSIONS: DIA 10 X LG 38 MM; SUPPL P/N: 5800300028	No	96		
324	0641862	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: THERMOMAGNETIC; CURRENT RATING: 40 A; POLES: 3; MOUNT: SNAP; VOLTAGE PROTECTION LEVEL: 400 VAC; SHORT TIME CURRENT: 65 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 1 KA; POLLUTION	No	20		

		CLASS: 2; APPLICATION: UPS; PROTECTION: IP; STANDARD: SANS 60974-2; SUPPL P/N: 5810300509				
325	0641864	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: ELECTRONIC; CURRENT RATING: 50 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 400 VAC; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 600 VDC; SHORT TIME CURRENT: 10 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 1 KA; POLLUTION CLASS: 2; APPLICATION: UPS; PROTECTION: IP; STANDARD: SANS 60974-2; SUPPL P/N: 5810300512	No	20		
326	0643892	BREAKER, CIRCUIT: CURRENT: 63 A; POLE: 3; INTERRUPT CAPACITY: 18 KA; SUPPL P/N: 5810300517; REFERENCE NO: XTMAX XT1B 160 F FC-TMD63	No	20		
327	0641863	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: ELECTRONIC; CURRENT RATING: 80 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 400 VAC; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 600 VDC; SHORT TIME CURRENT: 10 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 1 KA; POLLUTION CLASS: 2; APPLICATION: UPS; PROTECTION: IP; STANDARD: SANS 60974-2; SUPPL P/N: 5810300522	No	20		
328	0643894	ARRESTER, ELECTRICAL: TYPE: LIGHTNING; APPLICATION: TRANSFORMER; SUPPL P/N: 5820200016	No	20		
329	0643895	ARRESTER, ELECTRICAL: TYPE: LIGHTNING; APPLICATION: TRANSFORMER; SUPPL P/N: 5820200037	No	20		
330	0656439	LINK, FUSE: TYPE: CERAMIC CATRIDGE; CURRENT: 8 A; POTENTIAL: 500 V; MANUF P/N: 0108010073; REFERENCE NO: 16027-G; GG; 10 X 38 MM; WITHOUT STRIKER	No	96		
331	0593520	TRANSISTOR: TYPE: BIPOLAR; INDUSTRY STANDARD: IEC 60747; CONFIGURATION: MOSFETS; PACKAGE: CERAMIC DIP; POTENTIAL: 600 V; CURRENT: 300 A; OEM P/N: 5053300004; IGBT TRENCH TRANSISTOR MARKED IN VCESAT	No	50		
332	0641814	FUSE: TYPE: CYLINDRICAL; CURRENT: 32 A; MATERIAL: GLASS; POTENTIAL: 220 V; CONNECTION: PUSH IN; DIMENSIONS: DIA 10 X LG 38 MM; SUPPL P/N: 5800300070	No	96		
333	0734697	MODULE: TYPE: 100KVA K2 AUXBAY C&I 20 BRS 10 UPS 1 DISPLAY KEYBOARD; INPUT: 400 V; OUTPUT: BLACK APODYS FOR PREPERCED DOOR (WITH EMERSON NETWC; POWER SOURCE: MINIMUM 1 , MAXIMUM 3, PRICE R; MANUF P/N: 5810300368; REFERENCE NO: DT582621	No	15		
334	0641860	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: THERMOMAGNETIC; CURRENT RATING: 250 A; POLES: 3; MOUNT: SNAP; VOLTAGE PROTECTION LEVEL: 1 KVAC; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 1 KVDC; SHORT TIME CURRENT: 65 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 5 KA; POLLUTION CLASS: 2; APPLICATION: UPS; PROTECTION: IP; STANDARD: SANS 60974-2; SUPPL P/N: 5810300545	No	15		
335	0641855	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 5 A; POLES: 3; MOUNT: SNAP; VOLTAGE PROTECTION LEVEL: 1 KVAC; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 1 KVDC; SHORT TIME CURRENT: 65 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 25 KA; POLLUTION CLASS: 2; APPLICATION: UPS; PROTECTION: IP; STANDARD: SANS 6097-2; SUPPL P/N: 5810400253	No	15		

336	0656014	LINK, FUSE: TYPE: SQUARE BODY; CURRENT: 250 A; POTENTIAL: 690 V; MANUF P/N: 6,9URD31TTF0250; REFERENCE NO: 0108020055; LENGTH 4.33 INCH	No	96		
337	0641819	TRANSISTOR: TYPE: STACK; INDUSTRY STANDARD: IEC 60747; CONFIGURATION: MOSFETS; PACKAGE: CERAMIC DIP; POTENTIAL: 600 V; CURRENT: 200 A; SUPPL P/N: 5053300008	No	50		
338	0643902	BREAKER, CIRCUIT: SUPPL P/N: 5810300539; REFERENCE NO: XTMAX XT1N 160 F FC-36KA-TMD160	No	20		
339	0643905	BREAKER, CIRCUIT: SUPPL P/N: 5810400243; REFERENCE NO: XTMAX XT1B 160 F FC-18KA-TMD100	No	20		
340	0643917	HANDLE: TYPE: FUSE BLOCK 2P 250 A; SUPPL P/N: 5620600029	No	96		
341	0643641	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 690 V; SUPPL P/N: 5800300066; FUSE UR 250A SIZE 1 690V WITH STRIKER AND MIGROSWITCH	No	96		
342	0643906	BREAKER, CIRCUIT: SUPPL P/N: 5810400233; REFERENCE NO: XTMAX XT1B 160 F FC-18KA-TMD63	No	20		
343	0593534	TRANSISTOR: TYPE: BIPOLAR; INDUSTRY STANDARD: IEC 60747; CONFIGURATION: MOSFETS; PACKAGE: CERAMIC DIP; POTENTIAL: 600 V; CURRENT: 200 A; OEM P/N: 5053300003; IGBT TRENCH TRANSISTOR MARKED IN VCESAT	No	50		
344	0693621	MODULE: TYPE: RELAY DC PROTECTION + DIODE LED 230V; OEM P/N: 0106590028	No	20		
345	0693617	MODULE: TYPE: HALL EFFECT CURRENT SENSOR OPEN LOOP 300A(250-700A); REFERENCE NO: 0107020042	No	50		
346	0643903	BREAKER, CIRCUIT: SUPPL P/N: 5810300527; REFERENCE NO: XTMAX XT1B 160 F FC-18KA-TMD100	No	20		
347	0693829	ARRESTER: TYPE: 2 BASE; OEM P/N: 5820200013; ONE PHASE LIGHTING ARRESTER	No	20		
348	0643639	FUSE, CARTRIDGE: SUPPL P/N: 5800300087; DRAWING NO: CP70Z1L-582622; 6.9 AR 31 TTF 0450A WITH FUSION INDICATOR	No	96		
349	0641861	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: THERMOMAGNETIC; CURRENT RATING: 200 A; POLES: 3; MOUNT: SNAP; VOLTAGE PROTECTION LEVEL: 1 KVAC; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 1 KVDC; SHORT TIME CURRENT: 65 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 3 KA; POLLUTION CLASS: 2; APPLICATION: UPS; PROTECTION: IP; STANDARD: SANS 60974-2; SUPPL P/N: 5810300542; DRAWING NO: CP70Z1I-82613	No	20		
350	0643893	BREAKER, CIRCUIT: CURRENT: 320 A; POLE: 3; INTERRUPT CAPACITY: 36 KA; SUPPL P/N: 5810300231; DRAWING NO: CP70Z1L-582613; REFERENCE NO: TMAX T5N 400 F F-TMA320	No	20		
351	0641858	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 400 A; POLES: 3; MOUNT: SCREW; VOLTAGE PROTECTION LEVEL: 1 KVAC; SHORT TIME CURRENT: 65 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; POLLUTION CLASS: 2; APPLICATION: UPS; PROTECTION: IP; STANDARD: SANS 60974-2; SUPPL P/N: 5810300222; DRAWING NO: CP70Z1I-582613	No	20		
352	0643901	BREAKER, CIRCUIT: SPECIFICATION: TMAX T5N 630 F F-36KA-TMA500; SUPPL P/N: 5810300225; DRAWING NO: CP70Z1I-582615	No	20		

353	0643900	ARRESTER, ELECTRICAL: TYPE: LIGHTNING; APPLICATION: TRANSFORMER; SUPPL P/N: 5820200035; DRAWING NO: CP70Z1I-582622	No	20		
354	0643642	FUSE, CARTRIDGE: TYPE: FAST; SUPPL P/N: 5800300086; DRAWING NO: CP70Z1I-582613; 6.9 AR 30 TTF 0125A WITH FUSION INDICATOR	No	96		
355	0643644	FUSE, CARTRIDGE: CURRENT: 200 A; POTENTIAL: 690 V; SUPPL P/N: 5800300068; WITH STRIKER AND MIGROSWITCH; UR SIZE 1	No	96		
356	0693828	ARRESTER: TYPE: 2; 440 VAC; OEM P/N: 5820200027; ONE PHASE LIGHTING ARRESTER	No	20		
357	0593121	MODULE: TYPE: THYRISTOR CONTROL; APPLICATION: UPS CHLORITE; OEM P/N: 0104020111; THYRISTOR ITAV = 26A; 1200V	No	50		
358	0745423	MODULE, ELECTRONIC: TYPE: THYRISTOR-THYRISTOR ITAV = 162A 1200V; VOLTAGE: 400 V; MANUF P/N: 5052200001-UPS 1-DT582 621-L15-1878; K1 AUXBAY C&I UPS 1 - UPS 1 - 10 BRS 10 - 100KVA	No	50		
359	0593122	MODULE: TYPE: THYRISTOR CONTROL; APPLICATION: UPS CHLORITE; OEM P/N: 0104020123; THYRISTOR ITAV = 91A; 1200V	No	50		
360	0593120	MODULE: TYPE: THYRISTOR CONTROL; APPLICATION: UPS CHLORITE; OEM P/N: 0104020117; THYRISTOR ITAV = 56A; 1200V	No	50		
361	0735315	MODULE: TYPE: 40KVA WATER TREATMENT BUILDING C&I 00 BRS 05 UPS 1 CANDIS-10; INPUT: 400 V; OUTPUT: RJ45 COUDE MICROCONTROLLER MB90F546; POWER SOURCE: MINIMUM 1 , MAXIMUM 3, PRICE R47000; MANUF P/N: 5047013300; REFERENCE NO: DT58-2615	No	20		
362	0579791	RECTIFIER: TYPE: BRIDGE; MANUF P/N: 5047019300; 80 KVA ALSTOM UPS	No	20		
363	0734472	MODULE: TYPE: 100KVA K2 AUXBAY C&I 20 BRS 10 UPS 1 CDIP-1004; INPUT: 400 V; OUTPUT: DRIVER IGBT TRI-CONCEPT-DIRECT-+/-15V-BO; POWER SOURCE: MINIMUM 1 , MAXIMUM 3, PRICE R; MANUF P/N: 104061061; REFERENCE NO: DT582621	No	20		
364	0735796	MODULE: TYPE: 100KVA K3 C&I AUXBAY UPS 2 30 BRS 20 UPS 2 COGAS2-21; INPUT: 400 V; OUTPUT: MAINS STATIC SWITCH + RC FIRING BOARD; POWER SOURCE: MINIMUM 1 , MAXIMUM 3, PRICE R; MANUF P/N: 5047019400; REFERENCE NO: DT582621	No	20		
365	0693792	HOLDER, FUSE: POTENTIAL: 440 VAC; CURRENT: 15 A; FUSE SIZE: LG 116 MM; FUSE STYLE: CARTRIDGE; MOUNT: CLIP ON; SPECIFICATION: A1; CONNECTION TYPE: 1 PIN; TYPE: INDICATOR; SUPPL P/N: CM32FC	No	25		
366	0117226	FUSE: LOW VOLTAGE, RATED CURRENT: 20A, RATED VOLTAGE: 440VAC, CONNECTION: BLADE END, CLASS: GS/GL, , STANDARD APPROVAL: BS, P/N: NS20	No	25		
367	0751067	FUSE: LOW VOLTAGE, RATED CURRENT: 63A, RATED VOLTAGE: 500VAC, BREAKING CAPACITY: 120kA, CONNECTION: KNIFE TYPE(NH), DIMENSIONS (L x H x B): 78.5 x 53 x 21 mm , STANDARD APPROVAL: BS, P/N: NH000 (381055).	No	39		
368	0731155	SWITCH, PUSHBUTTON: CONTACT TYPE: 1NO, CONTRACT OPERATION: SLOW-BREAK, OPERATOR PROFILE: GREEN, TYPE OF OPERATOR:SPRING RETURN, CONNECTIONS: SCREW CLAMP TERMINAL, MOUNTING DIAMETER: 22MM, P/N: XB4BA42.	No	10		

369	0665073	PROTECTOR, OVERLOAD: CURRENT: 0.9-1.25 A; TRIP RANGE: 0.9-1.25 A; POLE: 3; POTENTIAL: 400 VAC; TYPE: MOTOR STARTER; FREQUENCY: 50 HZ; CONTACT ARRANGEMENT: 1NO 1NC; MOUNT: PLUG IN; TERMINAL: SCREW; INDUSTRY SIZE: 500; SUPPLY VOLTAGE: 400 VAC; SUPPL P/N: 3RV2011-0KA10; FITTED WITH AUXILIARY SWITCH P/N: 3RV2901-1A; ISOLATOR MODULE P/N: 3RV2928-1A; MUST BE SUPPLIED WITH ALL ACCESSORIES	No	25		
370	0732382	MECHANISM: TYPE: HANDLE & SHAFT; APPLICATION: FUSED ISOLATOR; SUPPL P/N: 8UD1171-2AF21; DOOR-COUPLING ROTARY OPERATING MECHANISM STANDARD WITH TOLERANCE COMPENSATION SIZE 75X75MM	No	25		
371	0731852	SWITCH: TYPE: AUXILIARY; POTENTIAL: 240 VAC; POLLUTION DEGREE: 3, CURRENT: 6 A; TYPE: CHANGEOVER CONTACT (HQ), P/N: 3VA9988-0AA12	No	8		
372	0690276	RELAY: TYPE: RM 6; COIL VOLTAGE: 24 VDC; CONTACT ARRANGEMENT: 3NO; CONTACT RATING: 10 A; ACTION: 3NO (SPST); TERMINAL: PLUG IN; MOUNT: PLUG-IN VERSION ON BASE; ENCLOSURE RATING: IP 00; CONTACT MATERIAL: AGCDO; SPECIFICATION: IEC 61810; OEM P/N: RM602024; 3BHB010569R0001; CONTACT GAP 3 MM; RATED VOLTAGE 230 VAC; SWITCHING POWER 3800 VA; FREQUECY OF OPERATION WITH/WITHOUT LOAD PER HOUR 960/6000/H	No	8		
373	4537	FUSE, CARTRIDGE: CURRENT: 200 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 46	No	15		
374	4538	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 28	No	27		
375	4541	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20	No	33		
376	4544	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 40	No	12		
377	4798	BREAKER, CIRCUIT: CURRENT: 32 A; POLE: 2; MANUF P/N: 5SN2332; SUPPL P/N: C45N; CONVEYOR ELEC SPARES	No	6		
378	117667	HOLDER, FUSE: POTENTIAL: 660 VAC/DC; CURRENT: 630 A; FUSE STYLE: BLADE; CONNECTION TYPE: SCREW TERMINAL; REFERENCE NO: 3NH3430; TYPE GR3; FOR HRC II FUSES TYPES; SIZE: 1,2 OR 3; BASE MATERIAL: CERAMIC; POLE: 1	No	6		
379	0117714	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: WD 40 X LG 78 X HT 20 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3820	No	42		
380	0117724	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 30 X LG 80 X THK 46 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3832	No	36		
381	0117750	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 36 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3822; TEF 2000013/63	No	366		
382	0117751	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE; DIMENSIONS: WD 40 X LG 85 X HT 22 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3812	No	84		
383	0117753	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 36 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 3NA3803	No	18		

384	0118197	FUSE, CARTRIDGE: CURRENT: 400 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: SQ 57 X LG 150 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3260; FUSE, CARTRIDGE; CURRENT 400 A, POTENTIAL 500 VAC, DIMENSIONS SQ 57 X LG 150 MM, TYPE INDICATING, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE, PART NUMBER: 3NA3260~FUSE,CARTD;3NA3260,400 A,500 VAC	No	7		
385	0118288	FUSE, CARTRIDGE: CURRENT: 630 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 70 X LG 150 X HT 79 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3372	No	6		
386	118554	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 250 VAC; DIMENSIONS: DIA 5 X LG 25 MM; TYPE: MINIATURE; REFERENCE NO: 19240; CURRENT LIMITING MINI	No	5		
387	0119449	LEVER, SWITCH: TYPE: ISOLATOR; SIZE: LG 200 MM; MATERIAL: BAKELITE; SUPPL P/N: 8UC7414-1BB44; HANDLE, PADLOCKABLE DOOR INTERLOCKED ROTARY DRIVE MECHANISM, FOR CIRCUIT BREAKER, TORQUE 30 NM, UNIT, SHAFT 12 MM SQUARE X 300 MM LONG, INCLUDE 3KL61 COUPLER CLAMP PART NO: 8UCL92 53, 100 MM SQUARE INDICATING CARRIER PLATE	No	12		
388	0120646	SWITCH, DISCONNECT: TYPE: FUSED ISOLATOR; POTENTIAL: 660 VAC; CURRENT: 125 A; ACTION: 3PST; OPERATED: LEVER; MOUNT: PANEL; SUPPL P/N: 3KL5230-1AB01; TYPE SIEMENS	No	18		
389	0125728	RELAY, OVERLOAD: TRIP RANGE: 0.63-1 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: MANUAL; CURRENT: 10 A; TERMINAL: CAPTIVE CLAMP; MOUNT: PLUG IN; CONTACT MATERIAL: SILVER PLTD; STORAGE TEMP RANGE: AMBIENT; SUPPL P/N: LRD05 0.63A-1A; RATING 380VAC, 0.37KW, RATED INSULATION VOLTAGE 660V, RATED CURRENT 10AMP	No	6		
390	0125769	RELAY, OVERLOAD: TRIP RANGE: 4-6 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; TERMINAL: CAPTIVE CLAMP; SUPPL P/N: LRD10; REAR MOUNT; ONLY TELEMECANIQUE ACCEPTABLE, NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED	No	6		
391	0125802	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 380/400 VAC; COIL VOLTAGE: 220 VAC; CURRENT: 9 A; POLE: 4; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3RT1016-1AP01; SIEMENS; COMPLETE WITH AUXLILIARY CONTACT BLOCK REFERENCE NUMBER 3RH1911-1FA22; SUPPLIER NOTE: THE ITEM MUST BE PACKED TOGETHER IN A SEALED PLASTIC BAG; ENCLOSURE: GENERAL PURPOSE; OLD S P/N 3TF4022-0AM0	No	5		
392	0126131	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 600 VDC; COIL VOLTAGE: 220 VDC; CURRENT: 32 A; POLE: 2; ENCLOSURE RATING: NEMA 2; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3TC4417-0AM4; RATING DC2 TO DC4; OPEN ENCLOSURE	No	12		
393	0126508	CONTACTOR: TYPE: MOTOR; LINE VOLTAGE: 600 VDC; COIL VOLTAGE: 220 VDC; CURRENT: 250 A; POLE: 2; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3TC5217-0AM4; REFERENCE NO: 3TC52; SCREW MOUNTING; ENCLOSURE: GENERAL PURPOSE	No	18		
394	0142328	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 600 VDC; COIL VOLTAGE: 220 VDC; CURRENT: 75 A; POLE: 2; ENCLOSURE RATING: NEMA 4; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3TC4817-0AM4; SIEMENS BRAND; FIELD SUPPRESSION; SIZE 4; DC 4; ITEM 50113	No	7		
395	0151528	RELAY, TIME DELAY: OPERATION: ON 0.05 S TO 10 HR; COIL VOLTAGE: 220 VAC; MOUNT: RAIL; REFERENCE NO: 700-FEA3TU23; TYPE RESET, 1PH 50HZ, SINGLE POLE, TIMER CONTACTS A1-A2: 24V -240V 24V - 48V VDC	No	6		

396	172837	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 550 V; CONNECTION TYPE: OFFSET TAGS; DIMENSIONS: DIA 13.9 X LG 54 MM; INTERRUPT CAPACITY: 80 KA; TYPE: NORMAL BLOW; REFERENCE NO: 5008501; HRC, CLASS GG/Q1, TYPE NIT, DISTANCE BETWEEN HOLES CTC 44MM	No	5		
397	0182794	METER, KILOWATT HOUR: TYPE: ELSTER A1700; CURRENT: 100 A; PORT TYPE: RS232; VOLTAGE: 240/415 V; CLASS: 1 ACTIVE; 2 REACTIVE; NUMBER OF OUTPUTS: 4 PROGRAMMABLE; CALIBRATE: SANAS APPROVED FACILITY; STANDARD: ESKOM 240-52840736; DRAWING NO: D-DT-9420 REV 1; METER ELSTER A1700; CALIBRATED AND SEALED WITH CALIBRATION STICKER AFFIXED TO THE METER	No	12		
398	0216525	RELAY, CONTROL: CONTACT RATING: 0.9 W; CONTACT ARRANGEMENT: 2NO 2NC; COIL VOLTAGE: 24 VDC; ACTION: DPDT; MOUNT: PLUG IN; TERMINAL: 8 PIN PLUG IN; MANUF P/N: RXM2AB1BD; INTERMEDIATE TRANSPARENT LENGTH 39.4 MM WIDTH 21.1 MM HEIGHT 27.5 MM, MATL:PLASTIC FINISH:TRANSPARENT	No	18		
399	221061	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 550 V; CONNECTION TYPE: BLADE; DIMENSIONS: SQ 47 X LG 134 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3144	No	6		
400	221068	FUSE, CARTRIDGE: CURRENT: 500 A; POTENTIAL: 550 V; CONNECTION TYPE: BLADE; DIMENSIONS: SQ 69 X LG 149 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3365	No	6		
401	221078	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: INDICATING; CASE MATERIAL: PLASTIC MOLDED; SUPPL P/N: 420006; CLASS GG	No	5		
402	228411	BLOCK, CONTACT: TYPE: SWITCH; POTENTIAL: 230 VAC; CIRCUIT: 2; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 6 A; TERMINAL: CLAMP; SUPPL P/N: 3SB3400-0A	No	12		
403	0235829	SWITCH, SELECTOR: OPERATED: KNOB; POSITION: 6; POTENTIAL: 600 VAC; CONTACT ARRANGEMENT: 6NO 6NC; ACTION: 6PST; REFERENCE NO: CH10A025-620 FT2; USED ON GAS 1; CURRENT: 20 AMPERE	No	18		
404	0235869	CONTACT, AUXILIARY: CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 10 A; POTENTIAL: 690 V; CONNECTION: CAPTIVE SCREW; SUPPL P/N: 3RV1901-1A; 2 CIRCUIT; USED ON GAS 1 AUX SYSTEM	No	6		
405	0235870	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 690 V; COIL VOLTAGE: 230 V; CURRENT: 10 A; POLE: 4; ENCLOSURE RATING: IP65; CONTACT ARRANGEMENT: 3NO 1NC; SUPPL P/N: 3RH1131-1AP00; USED ON GAS 1 AUX SYSTEM	No	5		
406	0242118	RELAY, SOLID STATE: MANUF P/N: P921; PHASE 1, 2 AND 3	No	12		
407	0247384	ISOLATOR, ELECTRICAL: POTENTIAL: 400 VAC; CURRENT: 63 A; POLE: 3; POWER: 22 KW; SUPPL P/N: VN50-F3-D-559	No	18		
408	0248214	MODULE: TYPE: HIGH RIPPLE ALARM; POWER SOURCE: 24 VDC; APPLICATION: STATIC CHARGER 24 V AT 10 A; SUPPL P/N: SP332	No	6		
409	0248754	ISOLATOR, ELECTRICAL: POTENTIAL: 400 VAC; CURRENT: 115 A; POLE: 3; POWER: 37 KW; SUPPL P/N: VN80-F4-D-559-SN1995-4; 152431;	No	6		
410	0249292	RELAY: TYPE: MONITORING; COIL VOLTAGE: 160-500 VAC; CONTACT ARRANGEMENT: 2NO 2NC; CONTACT RATING: 250 V; ACTION: 3P; TERMINAL: L1, L2, L3; MOUNT: DIN RAIL, EN50022; ENCLOSURE RATING: IP50/20; CONTACT MATERIAL: AGNI; MANUF P/N: 1SVR730794R3300CM; MODEL NO: CM-PVS	No	5		

411	249959	BLOCK, CONTACT: TYPE: AUXILIARY; POTENTIAL: 230 VAC; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3R H1921-1FA22; CIRCUIT	No	12		
412	0250278	HANDLE: TYPE: SWITCH DISCONNECTOR; DIMENSIONS: SQ 8 MM; MATERIAL: STL; SUPPL P/N: 8UC7212-1BB20; FOR 3KL52/53	No	18		
413	0250611	RELAY, SOLID STATE: TYPE: SECURE SUPPLY; COIL VOLTAGE: 110 VDC; SUPPL P/N: RXMB1; REFERENCE NO: FZD-3500; 6FZD-3600; 1MRK-000440-AN; HV FEEDER PROTECTION	No	5		
414	250851	LINK, FUSE: TYPE: HRC; CURRENT: 630 A; POTENTIAL: 500 V; SUPPL P/N: 3NG1402; ISOLATING LINK SIZE 03, FUSE BASE INSULATED GRIPPING LUG	No	12		
415	250852	LINK, FUSE: TYPE: LV HRC ISOLATING; CURRENT: 125 A; POTENTIAL: 500 V; SUPPL P/N: 3NG1002; SOLID FOR SIZE 00 AND SIZE 000	No	18		
416	250933	BREAKER, CIRCUIT: POTENTIAL: 380 V; CURRENT: 100 A; WIDTH: 440 MM; LENGTH: 440 MM; HEIGHT: 230 MM; MODEL NO: DF-2; NS100N PROT RELAY STR22SE 100+VIGI-MH	No	6		
417	0251438	SWITCH, DISCONNECT: TYPE: FUSED; POTENTIAL: 400 V; CURRENT: 63 A; ACTION: 3PDT; SUPPL P/N: 3KL5030-1AB01; OPERATION CLASS: GG,AM, SIZE: 00 AND 000	No	6		
418	0251440	SWITCH, DISCONNECT: TYPE: FUSED; POTENTIAL: 400 V; CURRENT: 160 A; ACTION: 3PDT; SUPPL P/N: 3KL5330-1AB01	No	5		
419	0251441	SWITCH, DISCONNECT: TYPE: FUSED; POTENTIAL: 400 V; CURRENT: 250 A; ACTION: 3PDT; SUPPL P/N: 3KL5530-1AB01	No	12		
420	0251443	SWITCH, DISCONNECT: TYPE: FUSED; POTENTIAL: 400 V; CURRENT: 630 A; ACTION: 3PDT; SUPPL P/N: 3KL6130-1AB0; SIZE 2 & SIZE 3	No	18		
421	251450	LINK, FUSE: TYPE: NEUTRAL; CURRENT: 32 A; POTENTIAL: 380 VAC; SUPPL P/N: 431000	No	15		
422	251484	BLOCK, CONTACT: TYPE: AUXILIARY; POTENTIAL: 230 VAC; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3RH1911-1FA22; CIRCUIT 4	No	15		
423	251496	BLOCK, CONTACT: TYPE: AUXILIARY; POTENTIAL: 230 VAC; CONTACT ARRANGEMENT: 1NO 1NC; SUPPL P/N: 3RH1921-1DA11; CIRCUIT 2	No	7		
424	251526	BASE, RELAY: TYPE: 14 PIN; WIDTH: 28 MM; POTENTIAL: 24 V; SUPPL P/N: LZSPT78740; WITH 4 CHANGE OVER CONTACTS	No	6		
425	251528	BASE, RELAY: TYPE: PLUG IN 4 CONTACT; WIDTH: 22.5 MM; HEIGHT: 28 MM; MATERIAL: PLASTIC; POTENTIAL: 230 VAC; CURRENT: 6 A; REFERENCE NO: LZXPT570730; INCLUDES TEST BRACKET AND MECHANICAL SWITCH POS ITION INDICATOR WITHOUT LED	No	5		
426	251537	BASE, RELAY: TYPE: PLUG IN 2 POLE; WIDTH: 38 MM; POTENTIAL: 230 VAC; SUPPL P/N: LZXRT424730	No	12		
427	251616	BASE, RELAY: TYPE: INTERPOSING; POTENTIAL: 24 VDC; SUPPL P/N: LZXRT424024	No	18		
428	0251664	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 400 V; COIL VOLTAGE: 230 VAC; POLE: 3; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3RT1044-1AP04; REFERENCE NO: AC-3; SIZE S3	No	6		
429	0251678	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 400 V; COIL VOLTAGE: 230 VAC; CURRENT: 150 A; POLE: 3; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3RT1055-6AP36; SIZE S6; RAIL CONNECTIONS DRIVE	No	6		
430	0251686	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 400 V; COIL VOLTAGE: 230 VAC; POLE: 3; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3RT1066-6AP36; REFERENCE NO: S10; RAIL CONNECTION	No	5		

431	0251699	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 400 V; COIL VOLTAGE: 230 VAC; POLE: 3; SUPPL P/N: 3RT1075-6AP36; SIZE S12; RAIL CONNECTIONS DRIVE: CONVENTIONAL	No	12		
432	0251809	RELAY, OVERLOAD: TRIP RANGE: 50-200 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; MOUNT: DIRECT; SUPPL P/N: 3RB2153-4FC2; SIZE S6, CLAS S 5-30	No	18		
433	0251889	CONTACT, AUXILIARY: TYPE: TRIP INDICATING; CONTACT ARRANGEMENT: 1NO; CURRENT: 6 A; POTENTIAL: 400 VAC; MATERIAL: PLASTIC; CLASSIFICATION: IP20; ATTACHMENT METHOD: CLIP ON; CONNECTION: SCREW; SUPPL P/N: M22-K10; FRONT MOUNT; 6 CONTACT	No	6		
434	0252077	METER, ELECTRICAL: TYPE: AMP; RANGE: 0-100 A; READOUT: ANALOG; STYLE: PANEL MOUNT; FACE SIZE: SQ 48 MM; SUPPL P/N: CP48-0-100-200/1A	No	6		
435	0252129	METER, ELECTRICAL: TYPE: AMP; RANGE: 0-30 A; READOUT: ANALOG; STYLE: PANEL MOUNT; FACE SIZE: SQ 48 MM; SUPPL P/N: CP48-0-30-60/1A	No	5		
436	252920	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 50 A; POLE: 3; CLASSIFICATION: CL10; FRAME: S2; WIDTH: 55 MM; LENGTH: 144 MM; HEIGHT: 140 MM; TYPE: CURRENT LIMITING; MOUNT: SCREW TERMINAL; INTERRUPT CAPACITY: 50 KA; SUPPL P/N: 3RV1031-4HA10	No	12		
437	0253311	TRANSDUCER: TYPE: VOLTAGE; INPUT: 0-300 VDC; OUTPUT: 4-20 MA; POWER SOURCE: 220 VDC; SUPPL P/N: MTVI1DVBD220VDC	No	18		
438	0253339	SWITCH, SELECTOR: OPERATED: KNOB; POSITION: 2; POTENTIAL: 300 VAC; CONTACT ARRANGEMENT: 1NO 1NC; TYPE: ON-OFF; SUPPL P/N: 3SB3201-2KA11; CURRENT: 10 AMPERE	No	50		
439	0254284	SWITCH, SELECTOR: OPERATED: KNOB; POSITION: 4; POTENTIAL: 690 V; CONTACT CONFIGURATION: R/W/B; TYPE: AMMETER; MANUF P/N: CH10A048-622; CURRENT: 20 AMPERE	No	7		
440	0254285	SWITCH, SELECTOR: OPERATED: KNOB; POSITION: 4; POTENTIAL: 690 V; CONTACT CONFIGURATION: PH-PH; TYPE: VOLTMETER; MANUF P/N: CH10-A004-622E; CURRENT: 20 AMPERE	No	6		
441	404395	FUSE: TYPE: 100A 550V SIZE A4 D3181; CURRENT: 100 A; POTENTIAL: 400 V; CONNECTION: OFFSET TAG; DIMENSIONS: WD 21 X LG 109.5 X HT 24.5 MM; STANDARD: SANS 60269-2-1; DRAWING NO: ESKOM DDT 3181; REFERENCE NO: GG; HRC CARTRIDGE FUSE LINK; RUPTURING CAPACITY 80KA AT 550V; DIMENSIONS TO SECTION 2; FOR USE IN 100A FUSEHOLDER SEE D-DT-3183	No	5		
442	0500634	TRANSFORMER, CURRENT: POTENTIAL: 400 VAC; CURRENT: 630:1; APPARENT POWER: 15 VA; TYPE: OVER CURRENT/EARTH FAULT PROTECTION; MANUF P/N: 630 / 1A 5P20; ID 80 MM, OD 120 MM	No	12		
443	0501125	MODULE: TYPE: SIMOCODE EARTH FAULT; MANUF P/N: 3UF7500-1AA00-0	No	18		
444	0501127	MODULE: TYPE: CURRENT MEASURING; INPUT: 63-630 A; MANUF P/N: 3UF7114-1BA00-0; SIMOCODE CT/VT; V BUS BAR	No	6		
445	0502223	MODULE: TYPE: BATTERY; MANUF P/N: 6EP1935-6MF01; FOR USE ON SIEMENS CONTROL CABINET	No	6		
446	0502235	MODULE: TYPE: USV; MANUF P/N: 6EP1931-2EC21; FOR USE ON SIEMENS CONTROL CABINET	No	5		

447	552870	BREAKER, CIRCUIT: POTENTIAL: 400 V; CURRENT: 1.6 A; POLE: 3; TYPE: MOTOR PROTECTION; MOUNT: SCREW TERMINAL; INTERRUPT CAPACITY: 100 KA; MANUF P/N: 3RV1021-1AA10; SIZE: S0; 0.55KW; THERMAL OVERLOAD RELEASE: 1.1 TO 1.6A; INSTANTANEOUS ELECTRONIC TRIP @ 21A	No	12		
448	0553060	RELAY: TYPE: PROTECTION; COIL VOLTAGE: 100-125 VAC; 115-230 VAC; 110-250 VDC; CONTACT ARRANGEMENT: 8NO 8NC; CONTACT RATING: 240 VAC 5 A; 48 VDC 0.8 A; ACTION: 3PST; TERMINAL: 67; MOUNT: PANEL; MANUF P/N: 7SJ6411-5EB92-3FG4LOS	No	18		
449	0553207	CONNECTOR, ELECTRICAL: TYPE: CABLE; CONDUCTOR: 0.025 M; SUPPL P/N: 3UF7930-0AA00-0; SIMODE CONNECTION CABLE; FLAT	No	6		
450	0554720	TIMER: TYPE: RELAY; RANGE: 0.5S-10S; 5MIN-100HR; POTENTIAL: 24/240 VAC; OPERATION: ON; TERMINAL: SCREW; ENCLOSURE RATING: IP50; MANUF P/N: 3RP1525-1BW30; SELECTABLE TIME SETTING SWITCH POSITION/VOLTAGE INDICATION BY LED, AND 2CO CONTACT-SETS	No	6		
451	557476	SWITCH, SELECTOR: TYPE: PLC; MANUF P/N: ZB4BD3; ZB4BZ103	No	5		
452	561543	BREAKER, CIRCUIT: POTENTIAL: 380 V; CURRENT: 63 A; MANUF P/N: 3RV1042-4JA10; (C.O.C; 0013/91Q; Q4:NSF:NC:0)	No	12		
453	575209	BREAKER, CIRCUIT: POTENTIAL: 400-415 VAC; CURRENT: 250 A; POLE: 3; TYPE: MCCB; INTERRUPT CAPACITY: 50 KA; MANUF P/N: 432982; FEN36TD250KF	No	18		
454	575263	CONTACTOR: LINE VOLTAGE: 400 VAC; COIL VOLTAGE: 220-240VAC/VDC; CURRENT: 115 A; POLE: 3; ENCLOSURE RATING: IP00; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 160A AT 40 DEG CEL; MANUF P/N: 3RT1054-1AP36	No	16		
455	575265	SWITCH, PUSHBUTTON: HEAD STYLE: FLAT RD BUTTON; COLOR: GREEN; ELECTRICAL RATING: 400 V; CONTACT ARRANGEMENT: 1NO; MOUNT: FRONT; APPLICATION: SWITCHGEAR; HOUSING: PLASTIC; MANUF P/N: 3SB3202-0AA41; SIZE: 30 X 36.5 X 57 MILLIMETER	No	7		
456	575266	CONTACTOR: LINE VOLTAGE: 440 V; COIL VOLTAGE: 230 V; CURRENT: 15.5 A; POLE: 3; ENCLOSURE RATING: IP20; MAXIMUM CURRENT RATING: 40 A AT 40 DEG C; MANUF P/N: 3RT1025-1AP00; SCREW CONNECTION; SIZE 00	No	6		
457	575274	MODULE: TYPE: MOTOR MANAGMENT; INPUT: 24 V; OUTPUT: 100-240 VAC; APPLICATION: MOTOR; MANUF P/N: 3UF7010-1AU00-0; PRO-V SIMOCODE; DIMENSIONS: 45 X 111 X 124 MILLIMETER	No	5		
458	575282	SWITCH, AUXILIARY: TYPE: INDICATOR; CONTACT ARRANGEMENT: 1NO 1NC; ACTION: SP; MANUF P/N: SIE_5ST3020; CURRENT: 6 AMPERE; POTENTIAL: 220 VOLT	No	12		
459	575285	CONTACTOR: TYPE: HEATER; LINE VOLTAGE: 400 VAC; COIL VOLTAGE: 220VAC 240VDC; CURRENT: 215 A; POLE: 3; ENCLOSURE RATING: IP00; CONTACT ARRANGEMENT: 3NO; MANUF P/N: 3RT1056-6AP36	No	18		
460	581953	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 1.6 A; CONTROL VOLTAGE: 690 V; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 725 V; RATED INSULATION VOLTAGE: 690 V; IMPULSE WITHSTAND VOLTAGE: 6000 V; SHORT TIME CURRENT: 2 KA; POLLUTION CLASS: 1; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION; PROTECTION: CLASS 10; STANDARD: SANS 60974-2; MANUF P/N: 3RV1011-1AA15; DATASHEET TO BE PROVIDED WHEN QUOTING	No	6		

461	581954	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 0.8 A; POLE: 3; WIDTH: 81 MM; HEIGHT: 90 MM; TYPE: MOTOR; INTERRUPT CAPACITY: 100 KA; MANUF P/N: 3RV1011-0HA15	No	5		
462	581955	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 1.25 A; POLE: 3; WIDTH: 45 MM; HEIGHT: 90 MM; TYPE: MOTOR; INTERRUPT CAPACITY: 2 KA; MANUF P/N: 3RV1011-0KA15	No	12		
463	581956	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 1.63 A; POLE: 3; WIDTH: 45 MM; HEIGHT: 90 MM; TYPE: MOTOR; INTERRUPT CAPACITY: 100 KA; MANUF P/N: 3RV1011-0GA15	No	18		
464	581957	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 0.5 A; POLE: 3; WIDTH: 45 MM; HEIGHT: 90 MM; TYPE: MOTOR; INTERRUPT CAPACITY: 100 KA; MANUF P/N: 3RV1011-0FA15	No	18		
465	581958	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 0.72 A; POLE: 3; WIDTH: 45 MM; HEIGHT: 90 MM; TYPE: MOTOR; MOUNT: SCREW/SNAP ON; INTERRUPT CAPACITY: 100 KA; MANUF P/N: 3RV1011-0JA15	No	6		
466	581959	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 10 A; POLE: 3; TYPE: MOTOR; MOUNT: SCREW/SNAP ON; INTERRUPT CAPACITY: 6 KA; MANUF P/N: 3RV10121-1JA15	No	6		
467	581960	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 40 A; POLE: 3; TYPE: MOTOR; MOUNT: SCREW; INTERRUPT CAPACITY: 50 KA; MANUF P/N: 3RV1041-4FA10	No	5		
468	581961	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 80-100 A; POLE: 3; TYPE: MOTOR; INTERRUPT CAPACITY: 50 KA; MANUF P/N: 3RV1041-4MA10	No	12		
469	581964	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 8 A; POLE: 3; WIDTH: 45 MM; HEIGHT: 97 MM; TYPE: TRANSFORMER; MOUNT: DIN RAIL; INTERRUPT CAPACITY: 100 KA; MANUF P/N: 3RV1421-1HA10	No	18		
470	581970	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 1.6 KA; POLE: 3; FRAME: SIZE 1; TYPE: NON AUTO; INTERRUPT CAPACITY: 55 KA; MANUF P/N: 3WL1116-3BBBB32-1AA2-ZETU-15BL1	No	18		
471	581973	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 12.5 A; SHORT TIME CURRENT: 163 A; POLE: 3; POLLUTION CLASS: 3; APPLICATION: AUX BOILER MOTORS; CLASSIFICATION: IP20; SPECIFICATION: DIN EN 81346-2; TYPE: THERMAL OVERLOAD; MOUNT: DIN RAIL; INTERRUPT CAPACITY: 6 KA; MANUF P/N: 3RV1021-1KA15	No	6		
472	581974	BREAKER, CIRCUIT: POTENTIAL: 230/400 V; CURRENT: 1 A; POLE: 1; WIDTH: 18 MM; HEIGHT: 90 MM; TYPE: MCB; INTERRUPT CAPACITY: 10 KA; MANUF P/N: 5SY4101-7	No	6		
473	581975	BREAKER, CIRCUIT: POTENTIAL: 230/400 V; CURRENT: 10 A; POLE: 1; WIDTH: 18 MM; HEIGHT: 90 MM; TYPE: MCB; INTERRUPT CAPACITY: 10 KA; MANUF P/N: 5SY4110-7	No	5		
474	581976	BREAKER, CIRCUIT: POTENTIAL: 400 V; CURRENT: 16 A; POLE: 2; HEIGHT: 90 MM; TYPE: MCB; INTERRUPT CAPACITY: 10 KA; MANUF P/N: 5SY4216-7	No	12		
475	581977	BREAKER, CIRCUIT: POTENTIAL: 230/400 V; CURRENT: 8 A; POLE: 1; TYPE: MCB; INTERRUPT CAPACITY: 10 KA; MANUF P/N: 5SY4108-7	No	18		

476	581978	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MINIATURE; CURRENT RATING: 4 A; CONTROL VOLTAGE: 440 V; POLES: 1; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 440 V; RATED INSULATION VOLTAGE: 250/440 V; IMPULSE WITHSTAND VOLTAGE: 5 KA; SHORT TIME CURRENT: 10 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; APPLICATION: AUX BOILER; PROTECTION: TOUCH; STANDARD: SANS 60947-2; MANUF P/N: 5SY4 104-7; DATASHEET TO BE PROVIDED WITH RFQ PROCESS	No	6		
477	581979	BREAKER, CIRCUIT: POTENTIAL: 230/400 V; CURRENT: 20 A; POLE: 1; WIDTH: 18 MM; HEIGHT: 90 MM; TYPE: MCB; INTERRUPT CAPACITY: 10 KA; MANUF P/N: 5SY4120-7	No	5		
478	581980	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 6 A; POLES: 1; MOUNT: RAIL; VOLTAGE PROTECTION LEVEL: 440 V; SHORT TIME CURRENT: 10 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 5 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; APPLICATION: VARIOUS; PROTECTION: OVERLOAD; CONTROL TYPE: DISCONNECT; STANDARD: EN60204-1; MANUF P/N: 5SY4106-7	No	12		
479	581981	BREAKER, CIRCUIT: POTENTIAL: 230/400 V; CURRENT: 2 A; POLE: 1; TYPE: MCB; INTERRUPT CAPACITY: 10 KA; MANUF P/N: 5SY4102-7	No	18		
480	581990	BREAKER, CIRCUIT: POTENTIAL: 230 V; CURRENT: 2 A; POLE: 1; N; WIDTH: 35.2 MM; HEIGHT: 89.8 MM; TYPE: MCB; INTERRUPT CAPACITY: 6 KA; MANUF P/N: 5SY6502-7	No	6		
481	581993	BREAKER, CIRCUIT: POTENTIAL: 690 V; CURRENT: 630 A; POLE: 3; TYPE: OVERCHARGE TRIP; INTERRUPT CAPACITY: 20 KA; MANUF P/N: NZMN3-AE630	No	6		
482	0582078	METER, ELECTRICAL: TYPE: MEASURING; RANGE: 196-255 L-N2/340-442 L-L2; READOUT: DIGITAL; STYLE: SQ PANEL MOUNT; FACE SIZE: SQ 96 MM; MANUF P/N: UMG96L	No	5		
483	582426	BLOCK, CONTACT: TYPE: SWITCHING ELEMENT; POTENTIAL: 400VAC; 220VDC; CIRCUIT: 2; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 10 A; TERMINAL: SCREW; MANUF P/N: 3SB1400-0A; CONTACT CONFIGURATION: DPST	No	12		
484	0582510	TRANSFORMER, POWER: APPARENT POWER: 2.5 KVA; POTENTIAL: 400-230 V; PHASE: 1; MANUF P/N: 4AM6542.SAT10.0FAA0	No	18		
485	0582683	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 690VAC/440VDC; COIL VOLTAGE: 230 VAC; CURRENT: 150 A; POLE: 3; CONTACT ARRANGEMENT: 1NO 1NC; MANUF P/N: 133219; CK75CA311MN	No	16		
486	0582685	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 400 V; COIL VOLTAGE: 240 VAC; CURRENT: 275 A; CONTACT ARRANGEMENT: 2NO 2NC; MANUF P/N: 3RT1456-6AP36	No	16		
487	0582709	TRANSFORMER, CURRENT: POTENTIAL: 720 V; CURRENT: 1500 A; APPARENT POWER: 10 VA; STYLE: PLUG IN; COOLING TYPE: AIR; CURRENT RATIO: 1500:1; CLASS: 1; MANUF P/N: ASK81.4-21266	No	7		
488	0582721	HANDLE: TYPE: PANEL; DIMENSIONS: 71 MM2; MATERIAL: PLASTIC; COLOR: RED/YELLOW; MANUF P/N: NZM4-XTVD-R; LOACKABLE WITH ROTARY DRIVE	No	6		
489	0582722	HANDLE: TYPE: DOOR INTERLOCK; COLOR: GREY; MANUF P/N: 3VL9300-3HF05; ACCESSORY FOR VL160X, VL160, VL250 DOOR COUPLING OPERATING MECHANISM	No	5		

490	0583320	CONTACT: TYPE: SIGNAL CONTACT /SWITCH; POTENTIAL: 230 V; CURRENT: 6 A; APPLICATION: AUXILIARY CURRENT SWITCH; MANUF P/N: 5SW3000	No	12		
491	0583328	TRANSFORMER: TYPE: CONTROL; POTENTIAL: 690-230 V; PHASE: 1; APPARENT POWER: 3KVA; CONNECTION: SCREW TERMINALS; MANUF P/N: RSTN3000	No	18		
492	0583329	TRANSFORMER, INSTRUMENT: CURRENT: 75/1 A; APPARENT POWER: 5 VA; CLASS: 3; MOUNT: SCREW; MANUF P/N: 4NCS115-OBC20	No	6		
493	0583331	EARTH LEAKAGE: TYPE: RESIDUAL CURRENT; CURRENT: 25 A; POTENTIAL: 230 V; POLE: 1+N; LEAKAGE CURRENT: 1 KA; INTERRUPT CAPACITY: 300 MA; MANUF P/N: 5SM3612-6	No	6		
494	0583332	EARTH LEAKAGE: TYPE: RESIDUAL CURRENT; CURRENT: 16 A; POTENTIAL: 230 V; LEAKAGE CURRENT: 1 KA; INTERRUPT CAPACITY: 30 MA; MANUF P/N: 5SM3311-6	No	5		
495	583334	BASE, FUSE: FUSE QUANTITY: 3; POTENTIAL: 400V/250VDC; CURRENT: 16 A; MATERIAL: MOULDED PLASTIC; FUSE TYPE: A2; FUSE SIZE: D01; MANUF P/N: 5SG5301	No	12		
496	0583337	MONITOR: TYPE: GROUND FAULT; RANGE: 3 MA-16 A; POWER SOURCE: 70-300 V AC/DC; MANUF P/N: RCM420-D-2-B4901 4002	No	18		
497	0583340	REGULATOR: TYPE: TEMPERATURE; RATING: 2-90 VDC/48-253 VAC; CONNECTION: TERMINAL; MANUF P/N: KFU8-GUT-1-B	No	16		
498	583350	ARRESTER, ELECTRICAL: TYPE: SURGE; CLASS: 2; MATERIAL: THERMO PLASTIC; VOLTAGE PROTECT LEVEL: 1.5 KV; MANUF P/N: 952315; REFERENCE NO: DG M TT 275 FM; COLOUR: RED	No	7		
499	0583353	VENT: TYPE: ROOF MOUNT FAN; DIMENSIONS: 420 X 65 X 340 MM; MATERIAL: STL; MANUF P/N: SK3148.007; MATERIAL: SHEET SPRAY- FINISHED; W-O FAN MOTOR	No	6		
500	0583354	VENTILATOR: TYPE: FAN/FILTER UNIT; DIMENSIONS: 323 X 12.5 MM; CAPACITY: 22.05 DM3; MANUF P/N: SK3327.107; 700-720 M3/H; 230V; PANEL; RAL7035	No	5		
501	0583357	THERMOSTAT: TYPE: CHANGE OVER CONTACT; CURRENT: 5-10 A; MANUF P/N: SK3110.000; RANGE: 5-60 DEGREE CENTIGRADE; DIMENSIONS: SQ 71 X LG 33.5 MILLIMETER; POWER: 30 WATT; POTENTIAL: 230VAC / 24VDC	No	12		
502	0583363	HOLDER, LAMP: TYPE: LED; LAMP BASE: BA 9S; POWER: 2.6 W; MATERIAL: PLASTIC; MANUF P/N: 3SB3400-1G; VOLTAGE ACCORDING TO LAMP SUITABLITY 24/48/230 VAC/DC	No	18		
503	0583364	LAMP, LIGHT EMITTING DIODE: CURRENT: 15 MA; NUMBER OF LED: 1; POTENTIAL: 230VAC/DC; MANUF P/N: 3SB3901-1CG; COLOR: RED; BASE TYPE: BA9S	No	6		
504	0583365	DIODE: TYPE: ZENER; INDUSTRY STANDARD: 2SK4196LS-1E; POWER: 3.25 W; POTENTIAL: 5.8-6.6 V; CURRENT: 100 MA; PACKAGE: SOD-57; MANUF P/N: BZT03C6V2	No	6		
505	583380	FUSE: TYPE: SWITCH DISCONNECT; CURRENT: 250 A; POTENTIAL: 690 VAC; CONNECTION: SIZE1; DIMENSIONS: DIA 190 X H 753 X W 100; MANUF P/N: SV3485.000; HRC LEAN STREAMER	No	5		

506	0583381	RELAY: TYPE: PLUGGABLE INDUSTRIAL; COIL VOLTAGE: 24 VDC; CONTACT ARRANGEMENT: SINGLE; CONTACT RATING: 5 A; ACTION: 4PDT; TERMINAL: 12; MOUNT: ANY POSITION; ENCLOSURE RATING: RT I; CONTACT MATERIAL: AGNI HARD GOLD PLATED; MANUF P/N: 2834096; REL-IR/LDP-24DC/4X21AU; DEGREE OF POLLUTION 2; WITH POWER CONTACTS AND ADDITIONAL HARD GOLD PLATING; TEST BUTTON; STATUS LED; FREE WHEELING DIODE; MECHANICAL SWITCH POSITION INDICATOR; POLARITY A1+, A2; OPERATION TEMPERATURE -55 TO 70 DEG C; WD 21.5 MM X HT 28 MM X DP 36 MM	No	12		
507	0583389	RELAY, CONTROL: CONTACT RATING: 6 A; CONTACT ARRANGEMENT: 2C/O; COIL VOLTAGE: 400/690 V; ACTION: 3P; MOUNT: RAIL; TERMINAL: DIN EN 50 005; TYPE: UNDERVOLTAGE; MANUF P/N: BA9043/002; TERMINAL: 5 TOP, 5 BOTTOM SCREW	No	18		
508	0583402	LAMP: TYPE: INDICATOR; POTENTIAL: 400 V; BASE: BA9S; COLOR: RED; UNIT PACKAGE QUANTITY: 1; MANUF P/N: 3SB3001-6AA20; 22MM ROUND, WITH SMOOTH LENSE, COMPLETE WITH HOLDER	No	7		
509	0583403	LAMP: TYPE: INDICATOR; POTENTIAL: 400 V; BASE: BA9S; COLOR: CLEAR; UNIT PACKAGE QUANTITY: 1; MANUF P/N: 3SB3001-6AA70; 22MM ROUND, SMOOTH LENSE; COMPLETE WITH HOLDER	No	6		
510	0583404	INDICATOR, LIGHT: TYPE: LED ELEMENT; DIMENSIONS: WD 10 X HT 37.2 X DP 26 MM; MATERIAL: PLASTIC; VOLTAGE: 12-30 VDC; CURRENT: 8-15 MA; COLOR: WHITE; MOUNTING METHOD: CLIP ON; CONNECTION TYPE: SCREW TERMINALS; STANDARD: IEC 60947-5-1; MANUF P/N: M22-L-W; REFERENCE NO: 216771; ENCLOSURE RATING: IP67; FRONT MOUNTED	No	5		
511	0583405	LAMP: TYPE: INDICATOR; POWER: 0.26 W; POTENTIAL: 12-30 VAC/DC V; COLOR: RED; BULB: LED; UNIT PACKAGE QUANTITY: 1; MANUF P/N: M22-LED-R; REFERENCE NO: 216558; SHAPE: ROUND; TERMINAL CONNECTION: SCREW	No	12		
512	0583406	LAMP: TYPE: INDICATOR; POTENTIAL: 2500 V; BASE: M22-TC TELESCOPIC CLIP; COLOR: RED; UNIT PACKAGE QUANTITY: 1; MANUF P/N: 216772; ENCLOSEURE RATING: IP67	No	18		
513	0583409	SWITCH, SAFETY: ACTION: 3P; CONTACT ARRANGEMENT: 1NO; MANUF P/N: PKZM0-1.6; CURRENT: 1.6 AMPERE; POTENTIAL: 690 VOLT	No	6		
514	0583410	SWITCH, SAFETY: ACTION: 3P; CONTACT ARRANGEMENT: 1NO; MANUF P/N: PKZM0-20; CURRENT: 20 AMPERE; POTENTIAL: 690 VOLT	No	6		
515	0583416	PUSH BUTTON: TYPE: CONBINATION; MANUF P/N: 3SB3202-0AA31; 22MM PLASTIC ROUND COMPLETE UNIT; PUSHBUTTON WITH FLAT BUTTON; SCREW TERMINAL; 1NO WITH HOLDER YELLOW	No	5		
516	0584285	PUSH BUTTON: TYPE: MOMENTARY CONTACT; MANUF P/N: 3SU1100-0AB10-1BA0; 1NO WITH BLACK HOLDER; 22MM; WITH FLAT BUTTON SCREW TERMINAL	No	12		
517	584295	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 10 A; POLES: 1; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 440 V; SHORT TIME CURRENT: 6 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; APPLICATION: VSD PROTECTION; PROTECTION: SHORT CIRCUIT; STANDARD: IEC 60898-1;IEC 60947-2; MANUF P/N: 2CDS251001R0104; TRIPPING CHARACTERISTIC: C; POWER LOSS: 2.1 W PER POLE; MECHANICAL AND ELECTRICAL ENDURANCE 20 000 CYCLES; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127	No	18		

518	0597747	RELAY: TYPE: PLUG IN; COIL VOLTAGE: 24 VDC; CONTACT ARRANGEMENT: 4 C/O CONTACTS; CONTACT RATING: 6 A; ACTION: 4P; TERMINAL: SCREW; MOUNT: PLUG IN; ENCLOSURE RATING: IP00; SPECIFICATION: DIN EN50022; OEM P/N: LZX: PT570024; 4 CONTACTS	No	16		
519	0600414	CONTACTOR: TYPE: AUXILIARY; LINE VOLTAGE: 400 V; COIL VOLTAGE: 300 VDC; CURRENT: 3 A; POLE: 3; ENCLOSURE RATING: IP65; REFERENCE NO: 3RT1015-2JB42; SUPPLY CONTACTOR WITH AN AUXILIARY CONTACTS PART: 3RT1916-1CD00	No	16		
520	0611111	ISOLATOR: TYPE: ANALOG ISOLATING MODULE; APPLICATION: COAL/ASH CONVEYOR HEAD END CONTROL UNIT; MATERIAL: BAKELITE; POTENTIAL: 24 V AT 100 MA; SUPPL P/N: AIM100; CHANNELS: 4; OUTPUT CURRENT RANGE: 4-20MA; ISOLATION TYPE: ELECTROMAGNETIC; ISOLATED VOLTAGE: 3000VDC	No	16		
521	0613981	ISOLATOR: TYPE: FUSED; POTENTIAL: 690 VAC; MANUF P/N: 3KF4340-0LF11; 400A; 3 POLE	No	16		
522	615995	FUSE: TYPE: CORROSION PROOF; CURRENT: 125 A; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; REFERENCE NO: NH0; 120KA GG/GL AC 690V	No	16		
523	0618650	CONTACTOR: TYPE: AUXILIARY; LINE VOLTAGE: 380 V; COIL VOLTAGE: 220 V; CURRENT: 25 A; POLE: 3; ENCLOSURE RATING: OPEN; CLASSIFICATION: COAL/DUST/HEAT; SPECIFICATION: CL25A3000TN; CONTACT ARRANGEMENT: 1NO 1NC; MAXIMUM CURRENT RATING: 25 A; ENGINEERING MUST BE CONTACTED BEFORE RFQ; CONTACTOR MUST BE COMPATIBLE WITH THE ONE IN THE PLANT; AUXILARY CONTACTOR SHOULD BE ADD ON THE SIDE OF THE CONTACTOR	No	16		
524	0621982	MODULE, POWER SUPPLY: OUTPUT: 24 VDC 20 A; SUPPL P/N: 6EP1336-3BA01; TYPE: PLC; INPUT: 120/230 VOLT ALTERNATING CURRENT	No	7		
525	0622427	MODULE: TYPE: REDUNDANCY; INPUT: 24 VDC; OUTPUT: 24 VDC 40 A; POWER SOURCE: 240 VAC; APPLICATION: SITOP PSE202U; DIMENSIONS: WD 70 X HT 135 X DP 120 MM; COMMERCIAL SIZE: 4X; STANDARD: EN60950-1"SELV; OEM P/N: 6EP1961-3BA21	No	6		
526	0622440	SWITCH, AUXILIARY: TYPE: AUXILIARY TRANSVERSE; CONTACT ARRANGEMENT: 1NO 1NC; ACTION: INSTANTANEOUS; OEM P/N: 3RV1901-1E; CURRENT: 2-10 AMPERE; POTENTIAL: 230 VOLT	No	5		
527	623495	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 500 VDC; CONNECTION TYPE: PUSH IN; DIMENSIONS: DIA 10 X LG 38 MM; INTERRUPT CAPACITY: 120 KA; TYPE: CYLINDRICAL; CASE MATERIAL: CERAMIC; SPECIFICATION: EN60289; IEC 60289; SUPPL P/N: 440106; WITH INDICATOR; CLASS: GG	No	12		
528	623532	BREAKER, CIRCUIT: POTENTIAL: 440 VAC; 125 VDC; CURRENT: 2 A; POLE: 2; COLOR: WHITE; TYPE: MINIATURE; MOUNT: DIN RAIL; INTERRUPT CAPACITY: 6-10 KA; SUPPL P/N: 70100QB0	No	18		
529	0624397	SWITCH, PROXIMITY: TYPE: MICROSWITCH; ACTION: SPDT; CONTACT ARRANGEMENT: 1NO 1NC; APPLICATION: FUSE TYPE T; SUPPL P/N: 170H0236; TERMINAL TO FIT 6.3 X 0.8MM; CURRENT: 2 AMPERE; POTENTIAL: 250 VOLT ALTERNATING CURRENT	No	6		
530	624398	LINK, FUSE: TYPE: LV HRC; CURRENT: 250 A; POTENTIAL: 500 V; SUPPL P/N: 3NG1202; REFERENCE NO: SIZE 1; APPLICATION: SWITCHGEAR ISOLATING LINK; INSULATED GRIPPING LUG; DIMENSIONS: WD 53 X LG 135 X THK 23MM	No	6		

531	624399	LINK, FUSE: TYPE: LV HRC; CURRENT: 160 A; POTENTIAL: 500 V; SUPPL P/N: 3NG1102; REFERENCE NO: SIZE 0; APPLICATION: SWITCHGEAR ISOLATING LINK; INSULATED GRIPPING LUG; DIMENSIONS: WD 48 X LG 125 X THK 20.5MM	No	5		
532	624400	BASE, FUSE: FUSE QUANTITY: 2; POTENTIAL: 690 VAC; CURRENT: 1 KA; MATERIAL: CERAMIC; TERMINAL: 2; FUSE TYPE: LV HRC; FUSE SIZE: NH4; SUPPL P/N: 3NH3530; CONNECTION SCREW: M12; CROSS SECTION: 2.5-50MM2; FIXED MOUNTED	No	12		
533	624401	BASE, FUSE: FUSE QUANTITY: 1; POTENTIAL: 690 VAC; CURRENT: 160 A; MATERIAL: CERAMIC; TERMINAL: 2; FUSE TYPE: LV HRC; FUSE SIZE: 00; SUPPL P/N: 3NH3032; CONNECTION SCREW: M8; CROSS SECTION: 6-70MM2; FIXED MOUNTED; DIMENSIONS: WD 34 X LG 122 X DP 60MM	No	18		
534	0624402	SWITCH, DISCONNECT: TYPE: FUSED ISOLATOR; POTENTIAL: 440 VDC; CURRENT: 1 KA; ACTION: 3PST; MOUNT: PANEL; DIMENSIONS: WD 209 X LG 521 X DP 290 MM; APPLICATION: INCOMER; CLASSIFICATION: IP00; SUPPL P/N: 3KE4530-0GA; FLAT TYPE SCREW TERMINAL SIZE: M10; 40KA SHORT CIRCUIT RATING	No	14		
535	0625863	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 400 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 50 A; POLE: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 1NO 1NC; MAXIMUM CURRENT RATING: 10 A AT AC-12; SUPPL P/N: 3RT2027-1AP00; SIZE: 0; 15KW POWER CONTACTOR; SCREW TYPE TERMINALS; SCREW AND SNAP ONTO DIN 35MM; OPERATING TEMPERATURE: -25 TO 60 DEG C; STORAGE TEMPERATURE: -55 TO 80 DEG C; DIMENSIONS: WD 45 X DP 97 X HT 85MM	No	7		
536	0625864	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 400 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 40 A; POLE: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 1NO 1NC; MAXIMUM CURRENT RATING: 10 A AT AC-12; SUPPL P/N: 3RT2026-1AP00; SIZE: 0; 11KW POWER CONTACTOR; MAIN CIRCUIT 40A AT AC-1 400VAC; SCREW TYPE TERMINALS; MOUNTING TYPE SCREW AND SNAP ONTO DIN 35MM; OPERATING TEMPERATURE: -25 TO 60 DEG C; STORAGE TEMPERATURE: -55 TO 80 DEG C; DIMENSIONS: WD 45 X DP 97 X HT 85MM	No	6		
537	0625889	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 400 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 18 A; POLE: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 1NO; MAXIMUM CURRENT RATING: 10 A AT AC-12; SUPPL P/N: 3RT2015-1AP01; SIZE: 00; 3KW POWER CONTACTOR; MAIN CIRCUIT 18A AT AC-1 400VAC; SCREW TYPE TERMINALS; MOUNTING TYPE SCREW AND SNAP ONTO DIN 35MM; OPERATING TEMPERATURE -25 TO 60 DEG C; STORAGE TEMPERATURE: -55 TO 80 DEG C; DIMENSIONS: WD 45 X DP 73 X HT 58MM	No	5		
538	0625890	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 275 A; POLE: 3; ENCLOSURE RATING: IP00; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 10 A AT AC-12; SUPPL P/N: 3RT1064-6AP36; SIZE: 10; 110KW POWER CONTACTOR; MAIN CIRCUIT 275A AT AC-1 690VAC; SCREW TYPE TERMINALS; MOUNTING TYPE SCREW AND SNAP ONTO DIN 35MM; OPERATING TEMPERATURE -25 TO 60 DEG C; STORAGE TEMPERATURE: -55 TO 80 DEG C; DIMENSIONS: WD 145 X DP 202 X HT 210MM	No	12		
539	0625891	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 120 A; POLE: 3; ENCLOSURE RATING: IP00; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 10 A AT AC-12; SUPPL P/N: 3RT1045-1AP04; SIZE: S3; 37KW POWER CONTACTOR; MAIN CIRCUIT 120A AT AC-1 690VAC; SCREW TYPE TERMINALS; MOUNTING TYPE SCREW AND SNAP ONTO	No	18		

		DIN 35MM; OPERATING TEMPERATURE -25 TO 60 DEG C; STORAGE TEMPERATURE: -55 TO 80 DEG C; DIMENSIONS: WD 70 X DP 188 X HT 146MM				
540	0625898	CONTACTOR: TYPE: RELAY; LINE VOLTAGE: 24 VDC; COIL VOLTAGE: 220 VDC; CURRENT: 1 A; POLE: 1; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 1 A; SUPPL P/N: 3RH1122-1BM40; 1A AT DC-12 FOR 22OVDC; SCREW TYPE TERMINALS; MOUNTING TYPE SCREW AND SNAP ONTO DIN 35MM; OPERATING TEMPERATURE: -25 TO 60 DEG C; STORAGE TEMPERATURE: -55 TO 80 DEG C; DIMENSIONS: WD 45 X DP 72 X HT 57.5MM	No	6		
541	0625899	CONTACTOR: TYPE: RELAY LATCHED; LINE VOLTAGE: 220 VDC; COIL VOLTAGE: 220 VDC; CURRENT: 1 A; POLE: 4; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 1 A; SUPPL P/N: 3RH1422-1BM40; 1A AT DC-12 FOR 22OVDC; SCREW TYPE TERMINALS; MOUNTING TYPE; SCREW AND SNAP ONTO DIN 35MM; OPERATING TEMPERATURE: -25 TO 60 DEG C; STORAGE TEMPERATURE: -55 TO 80 DEG C; DIMENSIONS: WD 90 X DP 72 X HT 57.5MM	No	6		
542	0625900	CONTACTOR: TYPE: RELAY; LINE VOLTAGE: 220 VDC; COIL VOLTAGE: 24 VDC; CURRENT: 10 A; POLE: 1; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 3NO 1NC; SUPPL P/N: 3RH2131-1BB40; SIZE: 00; 10A AT DC-12 FOR 220VDC; SCREW TYPE TERMINALS; MOUNTING TYPE SCREW AND SNAP ONTO DIN 35MM; OPERATING TEMPERATURE -25 TO 60 DEG C; STORAGE TEMPERATURE: -55 TO 80 DEG C; DIMENSIONS: WD 45 X DP 73 X HT 57.5MM	No	5		
543	0625901	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 50 A; POLE: 3; ENCLOSURE RATING: IP00; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3RT1034-1AP04; SIZE: S2; 15KW POWER CONTACTOR; MAIN CIRCUIT 50A AT AC-1 690VAC; SCREW TYPE TERMINALS; MOUNTING TYPE SCREW AND SNAP ONTO DIN 35MM; OPERATING TEMPERATURE: -25 TO 60 DEG C; STORAGE TEMPERATURE: -55 TO 80 DEG C; DIMENSIONS: WD 55 X DP 164 X HT 112MM	No	12		
544	0625902	CONTACTOR: TYPE: MAIN; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 60 A; POLE: 3; ENCLOSURE RATING: IP00; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 10 A AT AC-12; SUPPL P/N: 3RT1036-1AP04; SIZE: S2; 22KW POWER CONTACTOR; MAIN CIRCUIT 60A AT AC-1 690VAC; SCREW TYPE TERMINALS; MOUNTING TYPE SCREW AND SNAP ONTO DIN 35MM; OPERATING TEMPERATURE: -25 TO 60 DEG C; STORAGE TEMPERATURE: -55 TO 80 DEG C; DIMENSIONS: WD 55 X DP 164 X HT 112MM	No	18		
545	626255	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 40 X LG 78 X HT 20 MM; INTERRUPT CAPACITY: 120 KA; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SUPPL P/N: 3NA7830; FUSE SIZE: NH000; FUSE LINK NON-INSULATED GRIPS; FUSE OPERATION CLASS: GG; IP20; FOR 3NA7 DESIGN; WEIGHT: 130G	No	14		
546	626258	LINK, FUSE: TYPE: LV HRC; CURRENT: 400 A; POTENTIAL: 500 V; SUPPL P/N: 3NG1302; APPLICATION: SWITCHGEAR ISOLATION LINK; INSULATED GRIPPING LUG; SIZE 2	No	7		

547	626275	FUSE: TYPE: CYLINDRICAL; CURRENT: 10 A; MATERIAL: CERAMIC; POTENTIAL: 500 VAC; CONNECTION: PUSH IN; DIMENSIONS: DIA 14 X LG 51 MM; SUPPL P/N: 421210	No	6		
548	626284	FUSE: TYPE: CYLINDRICAL; CURRENT: 63 A; MATERIAL: CERAMIC; POTENTIAL: 690 VAC; CONNECTION: PUSH IN; DIMENSIONS: DIA 22 X LG 58 MM; SUPPL P/N: 422163	No	5		
549	626285	FUSE: TYPE: CYLINDRICAL; CURRENT: 125 A; MATERIAL: CERAMIC; POTENTIAL: 400 VAC; CONNECTION: PUSH IN; DIMENSIONS: DIA 22 X LG 58 MM; SUPPL P/N: 422115	No	12		
550	626353	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 40 X LG 78 X HT 20 MM; INTERRUPT CAPACITY: 120 KA; TYPE: COMBINATION INDICATORS; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SUPPL P/N: 3NA7810; SIZE: NH000; NON-INSULATED GRIPS; FUSE OPERATING CLASS: GG; DESIGN FOR 3NA7 SERIES	No	18		
551	626361	BLOCK, TERMINAL: POTENTIAL: 1 KVAC; CURRENT: 16 A; WIRE SIZE: 16 MM2; CIRCUIT: 2; WIDTH: 57 MM; LENGTH: 63 MM; TERMINAL QUANTITY: 1; SUPPL P/N: WDU16	No	6		
552	626367	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 45 X LG 78 X HT 21 MM; INTERRUPT CAPACITY: 120 KA; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SUPPL P/N: 3NA7820; SIZE: NH000; FUSE OPERATING CLASS: GG	No	6		
553	626368	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 45 X LG 78 X HT 21 MM; INTERRUPT CAPACITY: 120 KA; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SUPPL P/N: 3NA7822; SIZE: NH000; FUSE OPERATING CLASS: GG	No	5		
554	626369	FUSE, CARTRIDGE: CURRENT: 200 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 51 X LG 134 X HT 45 MM; INTERRUPT CAPACITY: 120 KA; TYPE: COMBINATION INDICATORS; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SUPPL P/N: 3NA7140; SIZE: NH1; FUSE OPERATING CLASS: GG; NON-INSULATED GRIPS	No	12		
555	626370	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 58 X LG 148 X HT 57 MM; INTERRUPT CAPACITY: 120 KA; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SUPPL P/N: 3NA7252; SIZE: NH2; FUSE OPERATING CLASS: GG; NON-INSULATED GRIPS	No	18		
556	626371	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 690 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 45 X LG 78 X HT 21 MM; INTERRUPT CAPACITY: 120 KA; TYPE: COMBINATION INDICATORS; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SUPPL P/N: 3NA7803; SIZE: NH000; FUSE OPERATING CLASS: GG; NON-INSULATED GRIPS	No	14		
557	626372	FUSE, CARTRIDGE: CURRENT: 800 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 120 X LG 202 X HT 102 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3475; SIZE: NH4; FUSE OPERATING CLASS: GG; NON-INSULATED GRIPS	No	14		

558	626373	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 45 X LG 78 X HT 21 MM; INTERRUPT CAPACITY: 120 KA; TYPE: COMBINATION INDICATORS; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SUPPL P/N: 3NA7805; SIZE: NH000; FUSE OPERATING CLASS: GG; NON-INSULATED GRIPS	No	14		
559	626374	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 45 X LG 78 X HT 21 MM; INTERRUPT CAPACITY: 120 KA; TYPE: COMBINATION INDICATORS; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SUPPL P/N: 3NA7807; SIZE: NH000; FUSE OPERATING CLASS: GG; NON-INSULATED GRIPS	No	8		
560	626375	FUSE, CARTRIDGE: CURRENT: 40 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 45 X LG 78 X HT 21 MM; INTERRUPT CAPACITY: 120 KA; TYPE: COMBINATION INDICATORS; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SIZE: NH000; FUSE OPERATING CLASS: GG; NON-INSULATED GRIPS	No	20		
561	626376	FUSE, CARTRIDGE: CURRENT: 400 A; POTENTIAL: 690 VAC; CONNECTION TYPE: KNIFE BLADE; DIMENSIONS: WD 72 X LG 149 X HT 60 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SIZE: NH2; FUSE OPERATING CLASS: GS; NON-INSULATED GRIPS	No	48		
562	626473	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 45 X LG 78 X HT 21 MM; INTERRUPT CAPACITY: 120 KA; TYPE: COMBINATION INDICATORS; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60269-1/2; SUPPL P/N: 3NA7805; SIZE: NH000; FUSE OPERATING CLASS: GG; NON-INSULATED GRIPS	No	7		
563	626474	BASE, FUSE: FUSE QUANTITY: 1; POTENTIAL: 690 VAC; CURRENT: 250 KA; MATERIAL: CERAMIC; FUSE TYPE: LV HRC; FUSE SIZE: DIA 10 X LG 28 MM; SUPPL P/N: 3NH3230; INDUSTRIAL KNOWN SIZE: NH1; PAD-TYPE; CONNECTION SCREW SIZE: M8; FIXED MOUNTED; MOUNTING: BASE; WEIGHT: 423G	No	6		
564	626475	BASE, FUSE: FUSE QUANTITY: 1; POTENTIAL: 690 VAC; CURRENT: 400 A; MATERIAL: CERAMIC; TERMINAL: 2; FUSE TYPE: LV HRC; FUSE SIZE: DIA 13.8 X LG 55 MM; SUPPL P/N: 3NH3330; INDUSTRIAL KNOWN SIZE: NH2; PAD-TYPE; 2.5-50MM CROSS-SECTION; CONNECTION SCREW SIZE: M10; FIXED MOUNT; MOUNTED: BASE; WEIGHT: 812G	No	5		
565	0627060	RELAY, OVERLOAD: TRIP RANGE: 50-200 A; TYPE: INTERNAL EARTH FAULT DETECTION; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 200 A; TERMINAL: PLUG IN; MOUNT: PANEL; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -25 TO 60 DEG C; STORAGE TEMP RANGE: -40 TO 80 DEG C; SPECIFICATION: S6; SUPPL P/N: 3RB2153-4FW2; INSULATION VOLTAGE 1000VAC; DIMENSIONS: WD 120 X DP 155 X HT 119MM; TRIP CLASS ADJUSTABLE 5; 10; 20 AND 30	No	12		
566	0627061	RELAY, OVERLOAD: TRIP RANGE: 25-100 A; TYPE: INTERNAL EARTH FAULT DETECTION; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 100 A; TERMINAL: SCREW; MOUNT: PANEL; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -25 TO 60 DEG C; STORAGE TEMP RANGE: -40 TO 80 DEG C; SPECIFICATION: S6; SUPPL P/N: 3RB2143-4EW1; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 70 X DP 124 X HT 106MM; TRIP CLASS ADJUSTABLE 5; 10; 20 AND 30	No	18		

567	0627062	RELAY, OVERLOAD: TRIP RANGE: 25-100 A; TYPE: INTERNAL FAULT DETECTION; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 100 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -25 TO 60 DEG C; STORAGE TEMP RANGE: -40 TO 80 DEG C; SPECIFICATION: S6; SUPPL P/N: 3RB2133-4UB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 70 X DP 124 X HT 106MM; TRIP 5; 10; 20 AND 30	No	6		
568	0627063	RELAY, OVERLOAD: TRIP RANGE: 1.8-2.5 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL/PUSHBUTTON; CURRENT: 3.2 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S00; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU2116-1DB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 70 X HT 76MM; TRIP CLASS ADJUSTABLE 10; 3-PHASE	No	6		
569	0627064	RELAY, OVERLOAD: TRIP RANGE: 0.35-0.5 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 0.5 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S00; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SPECIFICATION: S6; SUPPL P/N: 3RU2116-0FB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45MM X DP 70MM X HT 76MM; TRIP CLASS ADJUSTABLE	No	5		
570	0627067	RELAY, OVERLOAD: TRIP RANGE: 0.35-0.5 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 0.8 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S00; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: 0.55-0.8 DEG C; SPECIFICATION: S6; SUPPL P/N: 3RU2116-0HB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45MM X DP 70MM X HT 76MM; TRIP CLASS ADJUSTABLE 10	No	12		
571	0627068	RELAY, OVERLOAD: TRIP RANGE: 0.9-1.25 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 1.25 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S00; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SPECIFICATION: S6; SUPPL P/N: 3RU2116-0KB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 70 X HT 76MM; TRIP CLASS ADJUSTABLE	No	18		
572	0627069	RELAY, OVERLOAD: TRIP RANGE: 1.1-1.6 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 1.6 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S00; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU2116-1AB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 70 X HT 76MM; TRIP CLASS ADJUSTABLE	No	18		
573	0627070	RELAY, OVERLOAD: TRIP RANGE: 2.8-4 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 4 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S00; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU2126-1DB0; INSULATION	No	7		

		VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 85 X HT 85MM; TRIP CLASS ADJUSTABLE 10				
574	0627071	RELAY, OVERLOAD: TRIP RANGE: 3.5-5 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 5 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S00; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU2126-1FB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 85 X HT 85MM; TRIP CLASS ADJUSTABLE 10	No	6		
575	0627072	RELAY, OVERLOAD: TRIP RANGE: 4.5-6.3 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 6.3 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S00; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU2126-1GB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 85 X HT 85MM; TRIP CLASS ADJUSTABLE 10	No	5		
576	0627073	RELAY, OVERLOAD: TRIP RANGE: 5.5-8 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 8 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S00; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU2126-1HB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 85 X HT 85MM; TRIP CLASS ADJUSTABLE 10	No	12		
577	0627077	RELAY, OVERLOAD: TRIP RANGE: 7-10 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 10 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S00; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU2126-1JB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 85 X HT 85MM; TRIP CLASS ADJUSTABLE 10	No	18		
578	0627078	RELAY, OVERLOAD: TRIP RANGE: 9-12.5 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 12.5 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S0; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU2126-1KB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 85 X HT 85MM; TRIP CLASS ADJUSTABLE 10	No	6		
579	0627079	RELAY, OVERLOAD: TRIP RANGE: 14-20 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 20 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S0; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU2126-4BB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 85 X HT 85MM; TRIP CLASS ADJUSTABLE 10	No	6		

580	0627080	RELAY, OVERLOAD: TRIP RANGE: 20-25 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 25 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S0; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU2126-4DB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 85 X HT 85MM; TRIP CLASS ADJUSTABLE 10	No	5		
581	0628732	RELAY: TYPE: TIMER; COIL VOLTAGE: 200-240 VAC; 24 VDC; CONTACT ARRANGEMENT: 1NO 1NC; CONTACT RATING: 15 A; ACTION: 1P; TERMINAL: 6; MOUNT: DIN RAIL; ENCLOSURE RATING: IP20; MANUF P/N: 3RP1525-1AP30; 32X1012-ORP15-1AA1; IEC/EN 60947-5-1; DELAY TIMER RANGE 5 TO 100 PCT; CONNECTION BETWEEN A1; A2; AND A3; AUXILIARY CONTACT B300/R300; ISC COMMON AND 16-NC; 18-NO; AC 15 AMPS AND DC 13 AMPS	No	12		
582	0629208	SUPPRESSOR: TYPE: VARISTOR SURGE; RATING: 24-70 VDC; DIMENSIONS: WD 22.5 X LG 91 X DP 83 MM; MATERIAL: PLASTIC; SUPPL P/N: 3RT2926-1BB00	No	18		
583	0629917	SUPPRESSOR: TYPE: VARISTOR SURGE; RATING: 24-70 VDC; DIMENSIONS: WD 22.5 X LG 91 X DP 83 MM; MATERIAL: PLASTIC; SUPPL P/N: 3RT2926-1BB00	No	7		
584	0629918	KIT, INSTALLATION: TYPE: ELECTRICAL; APPLICATION: REVERSING STARTERS; WIRING CONTACTOR SIZE S0; ITEM QUANTITY: 4; COMPRISING: CONDUCTOR; MOLDED PLASTIC; SUPPL P/N: 3RA2923-2AA1	No	6		
585	0629919	MODULE: TYPE: SIMOCODE MANAGEMENT; APPLICATION: MOTOR; SUPPL P/N: 3UF7113-1AA00-0; DIMENSIONS: WD 120 X HT 90 X DP 145 MILLIMETER	No	5		
586	0630011	MODULE: TYPE: CURRENT; POWER SOURCE: 24 V; APPLICATION: SIMOCODE EARTH FAULT; STANDARD: IEC 60721; SUPPL P/N: 3UF7510-1AA00-0; DIMENSIONS: WD 22.5 X HT 92 X DP 124 MILLIMETER	No	12		
587	0630014	RELAY, TIME DELAY: OPERATION: 0.05-360 S; CONTACT ARRANGEMENT: 1NC; ACTION: SPST; CONTACT RATING: 1 A; COIL VOLTAGE: 200 VDC; TERMINAL: 6 SCREW; MOUNT: DIN RAIL; CONTACT MATERIAL: AGSNO2; MEDIUM: ELECTRONIC; ENCLOSURE RATING: IP20; SUPPL P/N: 3RP1505-1AW30; DIMENSIONS: WD 22.5 X LG 102 X DP 91 MM	No	18		
588	0630873	CONTACT, AUXILIARY: TYPE: LATERAL SWITCH; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 10 A AT 230 VAC; POTENTIAL: 400 VAC; MATERIAL: PLASTIC MOLDED; CLASSIFICATION: IP20; ATTACHMENT METHOD: CLIP ON; CONNECTION: SCREW; SUPPL P/N: 3TY6501-1AA00; LEFT AND RIGHT HAND MOUNTING; DIMENSIONS: WD 12 X LG 70 X DP 51.5 MM	No	6		
589	0630945	CONTACTOR: TYPE: RELAY; LINE VOLTAGE: 230 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 10 A; POLE: 10; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 5NO 5NC; SUPPL P/N: 3TH4355-0AP0; SCREW TYPE TERMINALS; MOUNTING TYPE: SCREW AND SNAP ONTO DIN 35MM; OPERATING TEMP: -25 TO 60 DEG C; DIMENSIONS: WD 55 X LG 78 X DP 102 MM	No	6		

590	0630984	MODULE, POWER SUPPLY: OUTPUT: 24 VDC 5 A; APPLICATION: LV SWITCHGEAR AUXIGAINE; SUPPL P/N: 6EP1333-2BA20; SCREW TERMINALS; DIMENSIONS: WD 50 X LG 125 X DP 120 MM; GREEN LED INDICATION FOR 24VDC OUTPUT; TYPE: STABILIZED UNIT; INPUT: 120-230 VOLT ALTERNATING CURRENT	No	5		
591	0630985	MODULE: TYPE: FREE WHEELING DIODE; POWER SOURCE: 6-230 VDC; APPLICATION: LV SWITCHGEAR BLICKING DIODE; SUPPL P/N: LZSPTMT00A0	No	12		
592	0631019	CONTACT, AUXILIARY: TYPE: TOP BLOCK; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 10 A; POTENTIAL: 690 VAC; MATERIAL: PLASTIC MOLDED; CLASSIFICATION: IP20; ATTACHMENT METHOD: SNAP ON; CONNECTION: SCREW; SUPPL P/N: 3RH1921-1FA11; DIMENSIONS: WD 44 X LG 38 X DP 51	No	18		
593	0631020	CONTACT, AUXILIARY: TYPE: LATERAL SWITCH; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 10 A; POTENTIAL: 690 VAC; MATERIAL: PLASTIC MOLDED; CLASSIFICATION: IP20; ATTACHMENT METHOD: CLIP ON; CONNECTION: SCREW; SUPPL P/N: 3RV2901-1A; APPLICATION: CIRCUIT BREAKERS S00; S0; S2; DIMENSIONS: WD 9.5 X LG 90 X DP 70 MM	No	50		
594	0631024	CONTACT, AUXILIARY: TYPE: POWER; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 10 A; POTENTIAL: 690 VAC; MATERIAL: PLASTIC MOLDED; CLASSIFICATION: IP20; ATTACHMENT METHOD: SNAP ON; CONNECTION: SCREW; SUPPL P/N: 3RH2921-1DA11; DIMENSIONS: WD 10 X LG 57.4 X DP 66 MM	No	50		
595	0631025	CONTACT, AUXILIARY: TYPE: LATERAL; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 10 A; POTENTIAL: 690 VAC; MATERIAL: PLASTIC MOLDED; CLASSIFICATION: IP20; ATTACHMENT METHOD: SNAP ON; CONNECTION: SCREW; SUPPL P/N: 3RH2911-1DA11; DIMENSIONS: WD 10 X LG 57.4 X DP 66 MM	No	10		
596	0631026	CONTACT, AUXILIARY: TYPE: MOTOR; CONTACT ARRANGEMENT: 3NO 1NC; CURRENT: 10 A; POTENTIAL: 690 VAC; MATERIAL: PLASTIC MOLDED; CLASSIFICATION: IP20; ATTACHMENT METHOD: SNAP ON; CONNECTION: SCREW; SUPPL P/N: 3RH2911-1HA31; DIMENSIONS: WD 36 X LG 43.7 X DP 37.5 MM	No	3		
597	0631028	CONTACT, AUXILIARY: TYPE: MOTOR; CONTACT ARRANGEMENT: 2NO 2NC; CURRENT: 10 A; POTENTIAL: 690 VAC; MATERIAL: PLASTIC MOLDED; CLASSIFICATION: IP20; ATTACHMENT METHOD: SNAP ON; CONNECTION: SCREW; SUPPL P/N: 3RH2911-1HA22; DIMENSIONS: WD 36 X LG 43.7 X DP 37.5 MM	No	3		
598	631030	LINK, FUSE: TYPE: CYLINDRICAL NEUTRAL; CURRENT: 125 A; POTENTIAL: 690 VAC; SUPPL P/N: 433000; DIMENSIONS: DIA 22 X LG 58 MM	No	50		
599	631033	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 690 VAC; CONNECTION TYPE: PUSH IN; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: CYLINDRICAL; CASE MATERIAL: CERAMIC; SPECIFICATION: CL GR; SUPPL P/N: 492004; CONTACTS: SILVER PLATED COPPER	No	88		
600	0631034	HOLDER: TYPE: ELECTRICAL SELECTOR SWITCH; DIMENSIONS: SQ 22 MM; MATERIAL: PLASTIC MOLDED; SUPPL P/N: 3SB3901-0AC; COLOUR: BLACK	No	50		

601	631038	HOLDER, FUSE: POTENTIAL: 690 VAC; CURRENT: 32 A; FUSE SIZE: DIA 10 X LG 38 MM; FUSE STYLE: CYLINDRICAL; MOUNT: DIN RAIL; CONNECTION TYPE: SCREW; SUPPL P/N: 485101	No	10		
602	0631383	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-630 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 96 MM2; ACCURACY: 1.5; SUPPL P/N: FBIA96.0-630/1A	No	8		
603	0631385	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-2000 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 96 MM2; ACCURACY: 1.5; SUPPL P/N: FBIA96.0-2000/1A	No	14		
604	0631386	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-2500 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 96 MM2; ACCURACY: 1.5; SUPPL P/N: FBIA96.0-2500/1A	No	14		
605	0631387	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-1250 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 96 MM2; ACCURACY: 1.5; SUPPL P/N: FBIA96.0-1250/1A	No	14		
606	0631388	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-3200 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 96 MM2; ACCURACY: 1.5; SUPPL P/N: FBIA96.0-3200/1A	No	8		
607	0631389	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-800 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 96 MM2; ACCURACY: 1.5; SUPPL P/N: FBIA96.0-800/1A	No	7		
608	0631392	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-1600 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 96 MM2; ACCURACY: 1.5; SUPPL P/N: FBIA96.0-1600/1A	No	6		
609	0631394	METER, ELECTRICAL: TYPE: DC VOLT; RANGE: 0-300 VDC; READOUT: ANALOG; STYLE: PANEL MOUNT; FACE SIZE: SQ 96 MM; SUPPL P/N: CP96.0-300VDC	No	5		
610	0631395	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-1400-800 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 72 MM2; ACCURACY: 1.5; SUPPL P/N: CP72.0-400-800/1A	No	12		
611	0631396	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-500 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 72 MM2; ACCURACY: 1.5; SUPPL P/N: CP27.0-500/4-20MA	No	18		
612	0631397	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-600 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 72 MM2; ACCURACY: 1.5; SUPPL P/N: CP72.0-600/4-20MA	No	6		
613	0631398	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-60 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 72 MM2; ACCURACY: 1.5; SUPPL P/N: CP72.0-60/4-20MA	No	6		
614	0631399	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-400 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 72 MM2; ACCURACY: 1.5; SUPPL P/N: CP72.0-400/4-20MA	No	5		

615	0631400	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-250 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 72 MM2; ACCURACY: 1.5; SUPPL P/N: CP72.0-25/4-20MA	No	12		
616	0631401	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-150-300 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 72 MM2; ACCURACY: 1.5; SUPPL P/N: CP72.0-150-300/1A	No	18		
617	0631402	METER, ELECTRICAL: TYPE: CURRENT; RANGE: 0-60-120 A; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 48 MM2; ACCURACY: 1.5; SUPPL P/N: CP48.0-60-120/1A	No	6		
618	0631403	TRANSDUCER: TYPE: VOLTAGE; INPUT: 0-132 VAC; OUTPUT: 4-20 MA; POWER SOURCE: 230 VAC; SUPPL P/N: CV-12-V05-A5-A1	No	14		
619	0631404	TRANSDUCER: TYPE: CURRENT; INPUT: 0-1 A; OUTPUT: 4-20 MA; POWER SOURCE: 230 VAC; SUPPL P/N: CA-12-A15-A5-A1	No	7		
620	0631405	METER, ELECTRICAL: TYPE: AC VOLTAGE; RANGE: 0-500 VAC; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: 96 MM2; ACCURACY: 1.5; SUPPL P/N: CP96.0-500VAC	No	6		
621	0631406	TRANSDUCER: TYPE: DC CURRENT; INPUT: 0-50 MV; OUTPUT: 4-20 MA DC; POWER SOURCE: 220 VDC; SUPPL P/N: MT-VI1-D-V1-DN-D0	No	5		
622	0631484	LIGHT, INDICATING: TYPE: LED; POTENTIAL: 230 VAC; POWER: 5 W; COLOR: RED; TERMINAL: SCREW; LENS MATERIAL: PLASTIC; SUPPL P/N: AD16-22DS23R; APPLICATION: LV SWITCHGEAR; FACE DIA: 22 MM	No	12		
623	0631485	LIGHT, INDICATING: TYPE: LED; POTENTIAL: 230 VAC; POWER: 5 W; COLOR: WHITE; TERMINAL: SCREW; LENS MATERIAL: PLASTIC; SUPPL P/N: AD16-22DS23W; APPLICATION: LV SWITCHGEAR; FACE DIA: 22 MM	No	18		
624	0631486	LIGHT, INDICATING: TYPE: LED; POTENTIAL: 230 VAC; POWER: 5 W; COLOR: GREEN; TERMINAL: SCREW; LENS MATERIAL: PLASTIC; SUPPL P/N: AD16-22DS23G; APPLICATION: LV SWITCHGEAR; FACE DIA: 22 MM	No	6		
625	0631487	RELAY: TYPE: SIGNAL; COIL VOLTAGE: 220 VDC; CONTACT ARRANGEMENT: 2NC; CONTACT RATING: 6 A; ACTION: DPDT; TERMINAL: 8 PIN SCREW; MOUNT: PANEL; ENCLOSURE RATING: OPEN; CONTACT MATERIAL: AGCU4; SUPPL P/N: RA70-1732889000; FACE DIA: SQ 60 MM	No	6		
626	0631488	RELAY: TYPE: DC EARTH LEAKAGE; COIL VOLTAGE: 18-340 VDC; CONTACT ARRANGEMENT: 2NO 2NC; CONTACT RATING: 250 VAC 6 A; ACTION: 2PST; TERMINAL: 10 PIN SCREW; MOUNT: DIN RAIL; ENCLOSURE RATING: OPEN; CONTACT MATERIAL: AGNI/AU; SUPPL P/N: DDCB-1834-DA5C; TRANSCORE DCSSE AND CABLE TO BE INCLUDED	No	5		
627	0631489	RELAY: TYPE: DC EARTH LEAKAGE; COIL VOLTAGE: 18-340 VDC; CONTACT ARRANGEMENT: 2NO 2NC; CONTACT RATING: 250 VAC 6 A; ACTION: DPDT; TERMINAL: 10 PIN SCREW; MOUNT: DIN RAIL; ENCLOSURE RATING: OPEN; CONTACT MATERIAL: AGNI/AU; SUPPL P/N: DDCA-1834-DA5C; LED INDICATION	No	12		
628	0631490	RELAY, CONTROL: CONTACT RATING: 230 VAC; CONTACT ARRANGEMENT: 2NO 2NC; COIL VOLTAGE: 230 VAC; ACTION: 2PST; MOUNT: PLUG IN; TERMINAL: PIN; TYPE: MONOSTABLE; SUPPL P/N: LZX:PT270730; CURRENT: 5 A AT 230 VAC; DIMENSIONS: WD 22.5 X LG 28 X DP 35 MM	No	18		

629	0631491	SWITCH, SELECTOR: OPERATED: HANDLE; POSITION: 3; POTENTIAL: 600 VAC; CONTACT CONFIGURATION: OFF/ON/TEST; CONTACT ARRANGEMENT: 9NO; TYPE: CONTROL; ACTION: 3PST; APPLICATION: LV SWITCHGEAR; SPECIFICATION: IEC 60947; SUPPL P/N: CA10ZA-F017-603E; SCREW TYPE TERMINALS; 5 TIER; LEGEND PLATE; SILVER WITH BLACK TEXT; IP20; 60 DEG SWITCH ANGLE; DIMENSIONS: SQ 48 MILLIMETER; CURRENT: 20 AMPERE	No	10		
630	0631492	SWITCH, SELECTOR: OPERATED: HANDLE; POSITION: 3; POTENTIAL: 600 VAC; CONTACT CONFIGURATION: OFF/ON/TEST; CONTACT ARRANGEMENT: 9NO; TYPE: CONTROL; ACTION: 3PST; APPLICATION: LV SWITCHGEAR; SPECIFICATION: IEC 60947; SUPPL P/N: CA10ZA-F018-603E; SCREW TYPE TERMINALS; 5 TIER; LEGEND PLATE; SILVER WITH BLACK TEXT; IP20; 60 DEG SWITCH ANGLE; DIMENSIONS: SQ 48 MILLIMETER; CURRENT: 20 AMPERE	No	7		
631	0631493	SWITCH, SELECTOR: OPERATED: HANDLE; POSITION: 2; POTENTIAL: 600 VAC; CONTACT CONFIGURATION: LOCAL/REMOTE/TEST; CONTACT ARRANGEMENT: 4NO 4NC; TYPE: CONTROL; ACTION: 4PDT; APPLICATION: LV SWITCHGEAR REMOTE SWITCH; SPECIFICATION: IEC 60947; SUPPL P/N: CA10-A223-603; SCREW TYPE TERMINALS; IP20; DIMENSIONS: SQ 48 MILLIMETER; CURRENT: 20 AMPERE	No	14		
632	0631494	SWITCH, SELECTOR: OPERATED: HANDLE; POSITION: 4; POTENTIAL: 690 VAC; CONTACT CONFIGURATION: CLOSED/TEST/WITHDRAW/OFF; CONTACT ARRANGEMENT: 8NO; TYPE: CONTROL; ACTION: 8PST; APPLICATION: LV BUCKET; SPECIFICATION: IEC 60947; SUPPL P/N: V3N-F3-D-SS9/V3-83-4; 3 POWER; 5 CONTROL; DIMENSIONS: SQ 48 MILLIMETER; CURRENT: 32 AMPERE	No	14		
633	0631495	SHUNT: TYPE: DC MEASURING RESISTOR; RATING: 220 VDC 50 MV 50 A; MATERIAL: COPPER; SUPPL P/N: 50MV.50A; SPECIFICATION: CLASS 0.5	No	8		
634	0631496	SHUNT: TYPE: DC MEASURING RESISTOR; RATING: 220 VDC 50 MV 100 A; MATERIAL: COPPER; SUPPL P/N: 50MV.100A; SPECIFICATION: CLASS 0.5	No	7		
635	0631497	SHUNT: TYPE: DC MEASURING RESISTOR; RATING: 220 VDC 50 MV 200A; MATERIAL: COPPER; SUPPL P/N: 50MV.200A; SPECIFICATION: CLASS 0.5	No	6		
636	0631498	SHUNT: TYPE: DC MEASURING RESISTOR; RATING: 220 VDC 50 MV 400 A; MATERIAL: COPPER; SUPPL P/N: 50MV.400A; SPECIFICATION: CLASS 0.5	No	5		
637	0631499	SHUNT: TYPE: DC MEASURING RESISTOR; RATING: 220 VDC 50 MV 800 A; MATERIAL: COPPER; SUPPL P/N: 50MV.800A; SPECIFICATION: CLASS 0.5	No	12		
638	0635252	MODULE, POWER SUPPLY: OUTPUT: 22-28 VDC 5 A; APPLICATION: IED INPUT POWER SUPPLY; SPECIFICATION: ESKOM TSP 0131/TRMSCABK8; SUPPL P/N: CP-C.124/5.0; DRAWING NO: 1SVR360563R1001 REV 0; TERMINAL: SCREW; DIMENSIONS: WD 50 X LG 125 X DP 120 MM; LED INDICATOR FOR 24VDC OUTPUT; TYPE: SWITCH MODE UNIT; INPUT: 85-264 VAC; 100-350 VDC	No	18		
639	0636755	COVER: TYPE: FUSE CONTACT; DIMENSIONS: WD 30 X LG 51.5 MM; MATERIAL: PLASTIC MOLDED; COLOR: BLACK; APPLICATION: SWITCHGEARS; SPECIFICATION: NH0; SUPPL P/N: 3NX3114	No	6		

640	0637055	COVER: TYPE: FUSE CONTACT; DIMENSIONS: WD 30 X LG 51.5 MM; MATERIAL: PLASTIC MOLDED; COLOR: BLACK; APPLICATION: SWITCHGEARS; SPECIFICATION: NH0; SUPPL P/N: 3NX3114	No	6		
641	0637056	COVER: TYPE: FUSE CONTACT; DIMENSIONS: WD 30 X LG 47.5 MM; MATERIAL: PLASTIC MOLDED; COLOR: BLACK; APPLICATION: SWITCHGEARS; SPECIFICATION: NH00; SUPPL P/N: 3NX3105	No	5		
642	0637057	COVER: TYPE: FUSE CONTACT; DIMENSIONS: WD 46 X LG 61.5 MM; MATERIAL: PLASTIC MOLDED; COLOR: BLACK; APPLICATION: SWITCHGEARS; SPECIFICATION: NH1; SUPPL P/N: 3NX3106	No	12		
643	0637058	COVER: TYPE: FUSE CONTACT; DIMENSIONS: WD 46 X LG 74 MM; MATERIAL: PLASTIC MOLDED; COLOR: BLACK; APPLICATION: SWITCHGEARS; SPECIFICATION: NH2; SUPPL P/N: 3NX3107	No	18		
644	0637059	COVER: TYPE: FUSE CONTACT; DIMENSIONS: WD 46 X LG 81.5 MM; MATERIAL: PLASTIC MOLDED; COLOR: BLACK; APPLICATION: SWITCHGEARS; SPECIFICATION: NH3; SUPPL P/N: 3NX3108	No	6		
645	0637060	HANDLE, DOOR: TYPE: INTERLOCK, LV SWITCHGEAR; SIZE: LG 200 MM; MATERIAL: PLASTIC MOLDED; SUPPL P/N: 8UC7313-1BB30; USED FOR 3KL55; 3KL57; 3KM55; 3KM57 SWITCH DISCONNECTORS; HEAD: MUSHROOM AND SHAFT SQ 10MM	No	5		
646	0637061	HANDLE, DOOR: TYPE: INTERLOCK, LV SWITCHGEAR; SIZE: LG 100 MM; MATERIAL: PLASTIC MOLDED; SUPPL P/N: 8UC7111-1BB10; USED FOR 3KL50; 3KM50; 3KA50; 3KA51 SWITCH DISCONNECTORS; SHAFT DIA: SQ 6MM	No	12		
647	0637062	HANDLE, DOOR: TYPE: CIRCUIT BREAKER MOUNT, LV SWITCHGEAR; SIZE: LG 250 MM; MATERIAL: PLASTIC MOLDED; SUPPL P/N: 3VL9600-3HF05; USED FOR VL630 AND VL800 SWITCH DISCONNECTORS	No	18		
648	0637063	HANDLE, DOOR: TYPE: CIRCUIT BREAKER MOUNT, LV SWITCHGEAR; SIZE: LG 150 MM; MATERIAL: PLASTIC MOLDED; SUPPL P/N: 3VL9400-3HF05; USED FOR VL400 SWITCH DISCONNECTS	No	6		
649	0637084	TRANSFORMER, POTENTIAL: TYPE: VOLTAGE CONTROL; PHASE: 3; INPUT POTENTIAL: 690 VAC; OUTPUT POTENTIAL: 110 VAC; BURDEN: 50 VA; CREEPAGE: 2 MM; APPARENT POWER: 50 VA; POTENTIAL: 690-110 VAC; WINDING TYPE: Y-Y	No	6		
650	0637179	TRANSFORMER, CURRENT: POTENTIAL: 400 VAC; CURRENT: 60 A; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1 MM; APPARENT POWER: 2.5 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 60:1; TYPE: MEASUREMENT; CLASS: 3; SUPPL P/N: CT60/1A 2.5VAMN1; BASE MOUNT; INTERNAL FEED THROUGH DIA: 32MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	5		
651	0637180	TRANSFORMER, CURRENT: POTENTIAL: 720 VAC; CURRENT: 6000 A; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 6000:1; TYPE: MEASUREMENT; CLASS: 0.2; SUPPL P/N: CTSASK129.10 6000/1A 15VA CL0.2; BASE MOUNT; INTERNAL FEED THROUGH DIA 120 X 90MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	12		

652	0637181	TRANSFORMER, CURRENT: POTENTIAL: 660 VAC; CURRENT: 6000 A; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 6000:1; TYPE: MEASUREMENT; CLASS: 5P20; SUPPL P/N: CTSASK129.10 6000/1A 15VA CL5P20; BASE MOUNT; INTERNAL FEED THROUGH DIA 120 X 90MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	18		
653	0637182	TRANSFORMER, CURRENT: POTENTIAL: 660 VAC; CURRENT: 3200 A; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 3200:1; TYPE: MEASUREMENT; CLASS: 0.2; SUPPL P/N: CTBR3 3200/1A CL0.2; BASE MOUNT; INTERNAL FEED THROUGH DIA 110MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	6		
654	0637183	TRANSFORMER, CURRENT: POTENTIAL: 720 VAC; CURRENT: 3200 A; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 3200:1; TYPE: MEASUREMENT; CLASS: 5P20; SUPPL P/N: CTBR3 3200/1A CL5P20; BASE MOUNT; INTERNAL FEED THROUGH DIA 110MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	6		
655	0637184	TRANSFORMER, CURRENT: POTENTIAL: 660 VAC; CURRENT: 2.5 KA; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 2500:1; TYPE: MEASUREMENT; CLASS: 0.2; SUPPL P/N: CTBR3 2500/1A CL0.2; BASE MOUNT; INTERNAL FEED THROUGH DIA 110MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	6		
656	0637185	TRANSFORMER, CURRENT: POTENTIAL: 720 VAC; CURRENT: 2.5 KA; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 2500:1; TYPE: MEASUREMENT; CLASS: 5P20; SUPPL P/N: CTBR3 2500/1A CL5P20; BASE MOUNT; INTERNAL FEED THROUGH DIA 110MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	5		
657	0637186	TRANSFORMER, CURRENT: POTENTIAL: 660 VAC; CURRENT: 1.25 KA; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 1250:1; TYPE: MEASUREMENT; CLASS: 0.2; SUPPL P/N: CTBR31250/1A CL0.2; BASE MOUNT; INTERNAL FEED THROUGH DIA 10MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	12		
658	0637187	TRANSFORMER, CURRENT: POTENTIAL: 660 VAC; CURRENT: 1.6 KA; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 1600:1; TYPE: MEASUREMENT; CLASS: 5P20; SUPPL P/N: CTBR31600/1A CLP20; BASE MOUNT; INTERNAL FEED THROUGH DIA 10MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	18		
659	0637188	TRANSFORMER, CURRENT: POTENTIAL: 720 VAC; CURRENT: 1.6 KA; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 1600:1; TYPE: MEASUREMENT; CLASS:	No	6		

		0.2; SUPPL P/N: CTBR31600/1A CL0.2; BASE MOUNT; INTERNAL FEED THROUGH DIA 10MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT				
660	0637189	TRANSFORMER, CURRENT: POTENTIAL: 720 VAC; CURRENT: 2000 A; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 2000:1; TYPE: MEASUREMENT; CLASS: 5P20; SUPPL P/N: CTBR32000/1A CL5P20; BASE MOUNT; INTERNAL FEED THROUGH DIA 10MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	6		
661	0637190	TRANSFORMER, CURRENT: POTENTIAL: 660 VAC; CURRENT: 2000 A; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 2000:1; TYPE: MEASUREMENT; CLASS: 0.2; SUPPL P/N: CTBR32000/1A CL0.2; BASE MOUNT; INTERNAL FEED THROUGH DIA 32MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	5		
662	0637191	TRANSFORMER, CURRENT: POTENTIAL: 400 VAC; CURRENT: 150 A; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1 MM; APPARENT POWER: 5 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; CURRENT RATIO: 150:1; TYPE: MEASURING; CLASS: 3; SUPPL P/N: 150/1A 5VA MN1; BASE MOUNT; INTERNAL FEED THROUGH DIA 32MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	12		
663	0637192	TRANSFORMER, CURRENT: POTENTIAL: 660 VAC; CURRENT: 630 A; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 630:1; TYPE: MEASUREMENT; CLASS: 0.2; SUPPL P/N: CTBR3 630/1A CL0.2; BASE MOUNT; INTERNAL FEED THROUGH DIA 110MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	18		
664	0637193	TRANSFORMER, CURRENT: POTENTIAL: 720 VAC; CURRENT: 1.25 KA; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 1250:1; TYPE: MEASUREMENT; CLASS: 5P20; SUPPL P/N: CTBR3 1250/1A CL5P20; BASE MOUNT; INTERNAL FEED THROUGH DIA 110MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	6		
665	0637195	TRANSFORMER, CURRENT: POTENTIAL: 660 VAC; CURRENT: 800 A; SHORT CIRCUIT CURRENT: 1 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 800:1; TYPE: MEASUREMENT; CLASS: 0.2; SUPPL P/N: CTBR3 800/1A CL0.2; BASE MOUNT; INTERNAL FEED THROUGH DIA 110MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	6		
666	0637196	TRANSFORMER, CURRENT: POTENTIAL: 720 VAC; CURRENT: 800 A; SHORT CIRCUIT CURRENT: 1 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 15 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 800:1; TYPE: MEASUREMENT; CLASS: 5P20; SUPPL P/N: CTBR3 800/1A CL5P20; BASE MOUNT; INTERNAL FEED THROUGH DIA 110MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT	No	5		

667	0637197	TRANSFORMER, CURRENT: POTENTIAL: 660 VAC; CURRENT: 30 A; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 2.5 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 30:1; TYPE: MEASUREMENT; CLASS: 1; SUPPL P/N: 30/1A 2.5V MN1	No	12		
668	0638668	RELAY, OVERLOAD: TRIP RANGE: 1.8-2.5 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL/PUSHBUTTON; CURRENT: 2.5 A; TERMINAL: SCREW; MOUNT: DIRECT ON CONTACTOR SIZE S00; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; OPERATING TEMP RANGE: -40 TO 70 DEG C; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU2116-1CB0; INSULATION VOLTAGE 690VAC; DIMENSIONS: WD 45 X DP 70 X HT 76MM; TRIP CLASS ADJUSTABLE 10; 3-PHASE	No	18		
669	639474	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 2 A; POLES: 3; MOUNT: DIN RAIL 35 MM; VOLTAGE PROTECTION LEVEL: 4 KVAC; RATED INSULATION VOLTAGE: 400 VAC; IMPULSE WITHSTAND VOLTAGE: 440 VAC; SHORT TIME CURRENT: 2.1 A; POLLUTION CLASS: 3; APPLICATION: LINE PROTECTION; PROTECTION: TYPE K; STANDARD: IEC 60947-2; SUPPL P/N: S203M-K2UC, 2CDS273061R0277; REFERENCE NO: S283UC-K2	No	6		
670	0640286	SWITCH, AUXILIARY: TYPE: AUXILIARY ATTACHABLE; CONTACT ARRANGEMENT: 1NO 1NC; ACTION: SPST; SUPPL P/N: 5SW3300; CURRENT: 6 AMPERE; POTENTIAL: 230 VOLT DIRECT CURRENT	No	5		
671	0640679	TRANSFORMER, CURRENT: POTENTIAL: 400 VAC; CURRENT: 30 A; SHORT CIRCUIT CURRENT: 10 A; CORE TYPE: IRON; CREEPAGE: 1.8 MM; APPARENT POWER: 2.5 VA; PHASE: 1; STYLE: FEED THROUGH; TERMINAL: SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 100:1; TYPE: MEASUREMENT; CLASS: 1; SUPPL P/N: 100/1A 2.5V MN1	No	12		
672	0640680	SHAFT, ASSEMBLY: TYPE: ROTARY; APPLICATION: LV SWITCHGEAR; COMPRISING: BRACKET METAL; DOOR MOUNTED HANDLE; MUSHROOM HEAD; SUPPL P/N: 3RV1946-2B; DOOR COUPLING; OPERATING MECHANISM	No	18		
673	0640681	SHAFT, ASSEMBLY: TYPE: ROTATING ELEMENT; APPLICATION: LV SWITCHGEAR; COMPRISING: BRACKET METAL; DOOR MOUNTED HANDLE; MUSHROOM HEAD; SUPPL P/N: 3RV1936-2B; DOOR COUPLING; OPERATING MECHANISM	No	6		
674	0641104	SWITCH, SELECTOR: OPERATED: LEVER; POSITION: 2; POTENTIAL: 690 VAC; CONTACT CONFIGURATION: AUTO/MAIN/OFF; CONTACT ARRANGEMENT: 3NO; ACTION: 3PST; SPECIFICATION: IEC 60947; SPECIAL FEATURES: PAD LOCKABLE; SUPPL P/N: 3LD2203-0TK53; CURRENT: 32 AMPERE	No	6		
675	0641105	SWITCH, LIMIT: ACTION: SPDT; CONTACT ARRANGEMENT: 1NO; APPLICATION: PERFECT HARMONY DOOR ISOLATOR; SUPPL P/N: V7-3E17D8; CURRENT: 10 AMPERE; POTENTIAL: 125 VOLT ALTERNATING CURRENT	No	5		
676	0641106	CONTACTOR: TYPE: MAGNETIC RELAY; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 6 A (AC-15 AT 400VAC); POLE: 4; SPECIFICATION: IEC 60947; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: 3TH4022-0X	No	12		

677	0641107	CONTACTOR: TYPE: MAGNETIC RELAY; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 22 A (AC-3 AT 400 VAC); POLE: 5; SPECIFICATION: IEC 60947; CONTACT ARRANGEMENT: 1NO 1NC; SUPPL P/N: 3TF4311-0X	No	18		
678	0641109	MODULE, POWER SUPPLY: OUTPUT: 24 VDC 2.5 A; APPLICATION: PERFECT HARMONY SYSTEM; SUPPL P/N: 6EP1332-1LB00; TYPE: STABILIZED UNIT; INPUT: 120-230 VOLT ALTERNATING CURRENT	No	6		
679	0641113	RELAY, OVERLOAD: TRIP RANGE: 2.4-4 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 3NO; RESET: MANUAL; CURRENT: 48 A; TERMINAL: SCREW; MOUNT: DIN RAIL; ENCLOSURE RATING: IP20; CONTACT MATERIAL: COPPER; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; SPECIFICATION: IEC 60947-2; SUPPL P/N: 3VU1340-1MJ00; INSULATION VOLTAGE: 690VAC; TRIP CLASS 10	No	6		
680	642026	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 3.5-5 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 65 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION CL 10; PROTECTION: THERMOMAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1021-1FA10; SIZE S0	No	5		
681	642027	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 18-25 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 325 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION CL 10; PROTECTION: THERMOMAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: ERV1031-4DA10; SIZE S2	No	12		
682	642028	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 70-90 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 1170 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION CL 10; PROTECTION: THERMOMAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1041-4LA10; SIZE S3	No	18		
683	642029	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 20 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 260 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 25 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTOR; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2321-4BC10; SIZE 0	No	6		
684	642030	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 25 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 325 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 25 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2321-4DC10; SIZE 0	No	6		
685	642031	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 50 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 650 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1342-4HC10; SIZE S3	No	5		

686	642032	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 40 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 520 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1342-4FC10; SIZE S3	No	12		
687	642033	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 75 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 975 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1342-4KC10; SIZE S3	No	18		
688	642034	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 63 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 819 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1342-4JC10; SIZE S3	No	6		
689	642035	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 28-40 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 520 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION CL 10; PROTECTION: THERMOMAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1042-4FA10; SIZE S3	No	14		
690	642036	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 36-50 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 650 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION CL 10; PROTECTION: THERMOMAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1042-4HA10; SIZE S3	No	8		
691	642037	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 36-51 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 650 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION CL 10; PROTECTION: THERMOMAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1042-4HB10; SIZE S3	No	7		
692	642038	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 45-63 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 819 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION CL 10; PROTECTION: THERMOMAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1042-4JB10; SIZE S3	No	6		
693	642039	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 57-75 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 975 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION CL 10; PROTECTION: THERMOMAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1042-4KB10; SIZE S3	No	5		

694	642040	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 70-90 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 1170 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION CL 10; PROTECTION: THERMOMAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV1042-4LA10; SIZE S3	No	12		
695	642041	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 5 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 65 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2311-1FC10; SIZE S00	No	18		
696	642042	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 0.8 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 10 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2311-0HC10; SIZE S00	No	6		
697	642043	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 0.4 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 5.2 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2311-0EC10; SIZE S00	No	6		
698	642044	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 12.5 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 163 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2311-1KC10; SIZE S00	No	5		
699	642045	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 10 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 130 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2311-1JC10; SIZE S00	No	12		
700	642046	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 8 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 104 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2311-1HC10; SIZE S00	No	18		
701	642047	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 6.3 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 82 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2311-1GC10; SIZE S00	No	6		

702	642048	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 3.2 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 42 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2311-1DC10; SIZE S00	No	8		
703	642049	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 2.5 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 33 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2311-1CC10; SIZE S00	No	7		
704	642050	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 1.6 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 21 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2311-1AC10; SIZE S00	No	6		
705	642051	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 1.25 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 16 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: STARTER PROTECTION; PROTECTION: MAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: 3RV2311-0KC10; SIZE S00	No	5		
706	0642622	RELAY, OVERLOAD: TRIP RANGE: 0.18-0.25 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: AUTOMATIC/MANUAL; CURRENT: 0.25 A; TERMINAL: SCREW; MOUNT: DIRECT; ENCLOSURE RATING: IP20; APPLICATION: MOTOR THERMAL OVERLOAD PROTECTION; STORAGE TEMP RANGE: -55 TO 80 DEG C; SUPPL P/N: 3RU1116-0CB0; 3 PHASE; INSULATION VOLTAGE: 690VAC; DIMENSIONS: WD 45 X DP 78 X HT 87MM; TRIP CLASS: 10	No	12		
707	0643147	MODULE, DISTRIBUTION: TYPE: DIAGNOSIS; POTENTIAL: 24 V; CURRENT: 40 A; POWER: 24 VDC 10 A; INPUT CONNECTION TYPE: 24 V; OUTPUT CONNECTION TYPE: 2-10 A; TEMPERATURE RATING: 60 DEG C; OEM P/N: 6EP1961-2BA00	No	18		
708	643314	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 80 A; VOLTAGE PROTECTION LEVEL: 690 VAC; SHORT TIME CURRENT: 400-800 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL2708-3DC33-0AB1	No	6		
709	643315	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 100 A; VOLTAGE PROTECTION LEVEL: 80 VAC; SHORT TIME CURRENT: 500-1000 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL2710-3DC33-0AB1	No	6		
710	643316	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 100 A; SHORT TIME CURRENT: 1500 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL2710-3DK33-0AB1	No	5		
711	643317	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 125 A; SHORT TIME CURRENT: 625-1250 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL2712-3DC33-0AB1	No	12		

712	643319	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 160 A; SHORT TIME CURRENT: 125 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL2716-3DC33-0AB1	No	18		
713	643320	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 160 A; SHORT TIME CURRENT: 1250-2500 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL2716-3DK33-0AB1	No	6		
714	643321	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 200 A; SHORT TIME CURRENT: 1000-2000 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL3720-3DC33-0AB1	No	5		
715	643348	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 250 A; SHORT TIME CURRENT: 200 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL3725-3DC33-0AB1	No	12		
716	0643349	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 250 A; SHORT TIME CURRENT: 1750-3500 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL3725-3DK36-0AB1	No	18		
717	0643350	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 250 A; SHORT TIME CURRENT: 2000-4000 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3VL4725-3DK36-0AB1	No	6		
718	0643353	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 500 A; POLES: 3; MOUNT: FIXED; VOLTAGE PROTECTION LEVEL: 8 KV; SHORT TIME CURRENT: 400 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; APPLICATION: LV SWITCHGEAR; PROTECTION: SYSTEM; STANDARD: IEC60947; SUPPL P/N: TO 3VL5750-3DC36-0AE1	No	6		
719	0643354	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 630 A; POLES: 3; MOUNT: FIXED; VOLTAGE PROTECTION LEVEL: 8 KV; RATED INSULATION VOLTAGE: 800 V; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 500 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; APPLICATION: LV SWITCHGEAR; PROTECTION: SYSTEM; STANDARD: IEC60947; SUPPL P/N: 3VL5763-3DC36-0AE1	No	5		
720	0643355	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 4 A; POLES: 2; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7204-7CC	No	12		
721	0643356	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 6 A; POLES: 2; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7206-7CC	No	18		
722	0643358	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 4 A; POLES: 1; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7104-7CC	No	6		

723	0643360	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 10 A; POLES: 1; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 0643361	No	25		
724	0643361	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 16 A; POLES: 1; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SJ71167CC20	No	9		
725	0643362	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 20 A; POLES: 1; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7120-7CC	No	7		
726	0643363	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 25 A; POLES: 1; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7125-7CC	No	6		
727	0643364	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 32 A; POLES: 1; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7132-7CC	No	5		
728	0643365	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 40 A; POLES: 1; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7140-7CC	No	11		
729	0643366	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 63 A; POLES: 1; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7163-7CC	No	8		
730	643368	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 4 A; POLES: 3; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7304-7CC	No	7		
731	0643371	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 20 A; POLES: 3; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7320-7CC	No	6		
732	0643372	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 25 A; POLES: 3; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 15 KA; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 5SY7325-7CC	No	5		
733	0643374	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: ACB; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3WL1106-2AA36-4GA4-Z T40+R15+S01+S07+R21	No	12		
734	0643375	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: ACB; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3WL1112-2AA36-4GA4-Z T40+R15+S01+S07+R21	No	18		
735	0643376	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: ACB; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3WL1208-4AA36-4GA4-Z T40+R15+S01+S07+R21	No	6		
736	0643377	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: ACB; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3WL1216-4AA36-4GA4-Z T40+R15+S01+S07+R21	No	7		

737	0643378	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: ACB; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3WL1220-4AA36-4GA4-Z T40+R15+S01+S07+R21	No	9		
738	0643379	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: ACB; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3WL1225-4AA36-4GA4-Z T40+R15+S01+S07+R21	No	7		
739	0643380	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: ACB; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3WL1232-4AA36-4GA4-Z T40+R15+S01+S07+R21	No	6		
740	0643381	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: ACB; APPLICATION: LV SWITCHGEAR; SUPPL P/N: 3WL1363-4AA37-4GA4-Z T40+R15+S07+S01+R21	No	5		
741	0643477	RELAY, SOLID STATE: TYPE: MOTOR THERMAL PROT; COIL VOLTAGE: 230 VAC; CONTACT RATING: 0.6 MA; POTENTIAL: 230 VAC; CONTACT ARRANGEMENT: 2NO 2NC; ACTION: SPDT; TIME DELAY: 100 M/S; OPERATING TEMP RANGE: -25 TO 60 DEG; SPECIFICATION: IEC 60947-8; SUPPL P/N: CM-MSS.33S	No	11		
742	0643890	BREAKER, CIRCUIT: CURRENT: 10 A; POLE: 2; TYPE: CURVE C; SUPPL P/N: 5810200124; REFERENCE NO: S202	No	8		
743	0644171	REAKER, CIRCUIT, LOW VOLTAGE: SUPPL P/N: 3VL2706-3DC33-0AB1	No	7		
744	0644578	CONTACTOR: TYPE: POWER CONTACTOR 22 KW; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 24 VDC; CURRENT: 50 A; POLE: 3; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 10 A AT AC-3; SUPPL P/N: DILM50-22(RDC24); REFERENCE NO: 277876; TERMINALS: SCREW; MOUNT: SCREW AND SNAP ONTO 35MM DIN	No	6		
745	0644580	FAN, ELECTRIC: TYPE: DIAGONAL/SELF-STARTING; SIZE: SQ 255 MM; POTENTIAL: 230 VAC; CURRENT: 0.26 A; VOLUME RATING: 205 M3/HR; MATERIAL: PVC; POLES: 1; SUPPL P/N: SK3241.100	No	5		
746	0644581	TRANSFORMER, CURRENT: POTENTIAL: 660 VAC; CURRENT: 300 A; SHORT CIRCUIT CURRENT: 31.5 KA; CORE TYPE: IRON; CREEPAGE: 10 MM; APPARENT POWER: 5 VA; PHASE: 1; STYLE: FEEDTHROUGH; TERMINAL: SECONDARY SCREW; WINDING MATERIAL: CU; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 300/5 A; TYPE: CURRENT PROTECTION; CLASS: 1; SUPPL P/N: 1SVR450117R5100; REFERENCE NO: CM-CT 300/5; BASE MOUNT: INTERNAL FEED THROUGH DIA: 26MM; STANDARD CT TEST RESULTS ARE TO ACCOMPANY THE PRODUCT ON EVERY DELIVERY	No	12		
747	644582	BASE, RELAY: TYPE: PLUG; WIDTH: 27 MM; HEIGHT: 42.5 MM; MATERIAL: PLASTIC MOLDED; POTENTIAL: 250 VAC; CURRENT: 10 A; LENGTH: 82 MM; SUPPL P/N: 1SVR405651R2000; REFERENCE NO: CR-M3SS; MOUNT: DIN RAIL	No	18		
748	0644583	RELAY, CONTROL: CONTACT RATING: 10 A; CONTACT ARRANGEMENT: 3NO 3NC; COIL VOLTAGE: 230 VAC; ACTION: SPDT; MOUNT: SOCKET; TERMINAL: PIN; CONTACT MATERIAL: AGNI; ENCLOSURE RATING: IP40; TYPE: PLUGGABLE UNIVERSAL; SUPPL P/N: 1SVR405612R3100; REFERENCE NO: CR-M230AC3L; WITH BUILT-IN LED; DIMENSIONS WHEN MOUNTED: WD 21.2 X DP 27.5 X HT 35.6 MM	No	6		
749	0644584	RELAY, CONTROL: CONTACT RATING: 2 A; CONTACT ARRANGEMENT: 1NO; COIL VOLTAGE: 24 VAC; ACTION: SPST; MOUNT: DIN RAIL 35 MM; TERMINAL: SCREW; CONTACT MATERIAL: AGNI; ENCLOSURE RATING: IP40; TYPE: MONOSTABLE; SUPPL P/N: 3TX7004-1MB00; CONTACT CURRENT 2 A AT 230 VAC	No	6		

750	0644585	RELAY, CONTROL: CONTACT RATING: 2-20 A; CONTACT ARRANGEMENT: 1NO; COIL VOLTAGE: 400 VAC; ACTION: SPST; MOUNT: DIN RAIL 35 MM; TERMINAL: SCREW; ENCLOSURE RATING: IP40; TYPE: UNDERVOLTAGE; SUPPL P/N: DIA53S724-20A; CABLE FEED THROUGH; LED INDICATION	No	5		
751	0644586	CONTACTOR: TYPE: 11 KW POWER CONTACTOR; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 24 VDC; CURRENT: 25 A; POLE: 3; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 10 A AT AC-3; SUPPL P/N: DILM25-22(RDC24); REFERENCE NO: 106372	No	12		
752	0644587	HANDLE, DOOR: TYPE: INTERLINK; SIZE: SQ 85 MM; MATERIAL: PLASTIC MOLDED; SUPPL P/N: NZM2-XTVDVR; REFERENCE NO: 260180	No	18		
753	0644588	CONTACTOR: TYPE: POWER CONTACTOR 5.5 KW; LINE VOLTAGE: 690 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 12.5 A; POLE: 3; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 1NC; MAXIMUM CURRENT RATING: 10 A AT AC-3	No	6		
754	0644589	STARTER, ELECTRIC MOTOR: CONTACT RATING: 41 A; INDUSTRY SIZE: NEMA 1; TYPE: SOFT; COIL VOLTAGE: 24 VDC; POLES: 3; OVERLOAD RANGE: 300 PCT; CONNECTION: SCREW; SPECIFICATION: IEC 60947-4-2; SUPPL P/N: DS6-340-22K-MX; INTERNAL BYPASS; 2(TOR; READY)	No	7		
755	644590	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 415 VAC; CONNECTION TYPE: NEOZED; DIMENSIONS: DIA 11 X LG 40 MM; INTERRUPT CAPACITY: 50 KA; TYPE: DO1 BOTTLE; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60947-2; CLASS GG	No	6		
756	644591	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 415 VAC; CONNECTION TYPE: NEOZED; DIMENSIONS: DIA 11 X LG 40 MM; INTERRUPT CAPACITY: 50 KA; TYPE: DO1 BOTTLE; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60947-2; CLASS GG	No	20		
757	644592	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 400 VAC; CONNECTION TYPE: NEOZED; DIMENSIONS: DIA 15.3 X LG 36 MM; INTERRUPT CAPACITY: 50 KA; TYPE: DO2 BOTTLE; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60947-2; SUPPL P/N: 5SE2-320; CLASS GG	No	7		
758	644593	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 400 VAC; CONNECTION TYPE: NEOZED; DIMENSIONS: DIA 15.3 X LG 36 MM; INTERRUPT CAPACITY: 50 KA; TYPE: DO2 BOTTLE; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60947-2; SUPPL P/N: 5SE2-325; CLASS GG	No	6		
759	0644594	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 40-50 A; POLES: 3; MOUNT: DIN RAIL 35 MM; VOLTAGE PROTECTION LEVEL: 6000 VAC; RATED INSULATION VOLTAGE: 690 VAC; IMPULSE WITHSTAND VOLTAGE: 6000 V; SHORT TIME CURRENT: 700 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 40 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION CL 10; PROTECTION: THERMOMAGNETIC; STANDARD: SANS 60947-2; SUPPL P/N: PKZM4-50	No	5		
760	0644595	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: CURVE A; CURRENT RATING: 25 A; POLES: 4; MOUNT: DIN RAIL 35 MM; VOLTAGE PROTECTION LEVEL: 6000 VAC; RATED INSULATION VOLTAGE: 400 VAC; IMPULSE WITHSTAND VOLTAGE: 6000 V; SHORT TIME CURRENT: 500 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: HEATER EARTH FAULT PROTECTION; PROTECTION: RESIDUAL CURRENT; STANDARD: SANS 60947-2; SUPPL P/N: 279215; REFERENCE NO: FI-25/4/03-A	No	11		

761	0644596	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 200-250 A; POLES: 3; MOUNT: DIN RAIL 35 MM; VOLTAGE PROTECTION LEVEL: 8 KV; RATED INSULATION VOLTAGE: 850 VAC; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 25 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 53 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP10; APPLICATION: SYSTEM/CABLE PROTECTION; PROTECTION: THERMOMAGNETIC RELEASE; STANDARD: SANS 60947-2; SUPPL P/N: 259090; REFERENCE NO: NZMB2-A250; SHORT CIRCUIT RELEASE 6-10XI; OVERLOAD RELEASE 0.8-1XI; SCREW TERMINALS	No	8		
762	0644597	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: CURVE A; CURRENT RATING: 25 A; POLES: 4; MOUNT: DIN RAIL 35 MM; VOLTAGE PROTECTION LEVEL: 6000 VAC; SHORT TIME CURRENT: 1000 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: HEATER EARTH FAULT PROTECTION; PROTECTION: RESIDUAL CURRENT; STANDARD: SANS 60947-2; SUPPL P/N: F204A-25/0.03; REFERENCE NO: 2CSF204023R1250	No	7		
763	0644598	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: CURVE A; CURRENT RATING: 25 A; POLES: 2; MOUNT: DIN RAIL 35 MM; VOLTAGE PROTECTION LEVEL: 6000 VAC; RATED INSULATION VOLTAGE: 400 VAC; IMPULSE WITHSTAND VOLTAGE: 6000 V; SHORT TIME CURRENT: 1000 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: HEATER EARTH FAULT PROTECTION; PROTECTION: RESIDUAL CURRENT; STANDARD: SANS 60947-2; SUPPL P/N: F202A-25/0.03; REFERENCE NO: 2CSF202001R1250	No	6		
764	644948	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 400 VAC; CONNECTION TYPE: NEOZED; DIMENSIONS: DIA 15.3 X LG 36 MM; INTERRUPT CAPACITY: 50 KA; TYPE: DO2 BOTTLE; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 60947-2; SUPPL P/N: 5SE2-363; CLASS GG	No	5		
765	0646370	SUPPL P/N: 3TX7402-3T	No	12		
766	0646651	DEVICE: TYPE: POWER MANAGEMENT; APPLICATION: TRANSMITS MEASURED VALUES TO THE SUPERVISORY SYSTEMS; SUPPL P/N: PAC3200	No	7		
767	0646835	RELAY, CONTROL: SUPPL P/N: 3TX7002-1FB02	No	6		
768	646836	FUSE, CARTRIDGE: SUPPL P/N: 492138	No	7		
769	653050	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 690 VAC; CONNECTION TYPE: PUSH IN; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: CYLINDRICAL; CASE MATERIAL: CERAMIC; SUPPL P/N: 492009; CONTACT MATERIAL: SILVER PLATED COPPER	No	6		
770	0654077	UNIT, CONTROL: TYPE: DC ALARM ANNUNCIATOR; SUPPLY: 80-340 VDC; INPUT: 24-250 VAC/DC; OUTPUT: 6A; 250/400VAC; MOUNT: WALL; SUPPL P/N: ELDEC-A-1; 2XDI AND 2XDO; EARTH FAULT LIGHT: RED; POWER ON: GREEN	No	19		
771	0659238	CONVERTER, SIGNAL: TYPE: ISOLATING; INPUT: 4-20 MA; OUTPUT: 4-20 MA; POWER SOURCE: 230 VAC; APPLICATION: SWITCHGEARS; MOUNT: DIN RAIL; SUPPL P/N: SEM1100-S1	No	19		

772	0659252	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MINIATURE CIRCUIT BREAKER; CURRENT RATING: 25 A; 300 MA; POLES: 2; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 600 VAC; SHORT TIME CURRENT: 10 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 1 KA; POLLUTION CLASS: 3; APPLICATION: EARTH LEAKAGE PROTECTION SWITCHGEARS; PROTECTION: RESIDUAL CURRENT; STANDARD: IEC 60947-2; SUPPL P/N: 5SV3612-6; SIZE: S00	No	19		
773	0659258	RELAY, CONTROL: CONTACT RATING: 230 VAC 4 A; CONTACT ARRANGEMENT: 2NO 2NC; COIL VOLTAGE: 230 VAC; ACTION: 8SPST; MOUNT: DIN RAIL; TERMINAL: 4 SCREW; SUPPL P/N: 3TK2826-1CW32	No	19		
774	0659259	RELAY, CONTROL: CONTACT RATING: 230 VAC 2 A; CONTACT ARRANGEMENT: 2NO 2NC; COIL VOLTAGE: 690 VAC; ACTION: 2SPDT; MOUNT: DIN RAIL; TERMINAL: 11 SCREW; SUPPL P/N: SUR353Z-B933-611	No	19		
775	659260	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 690 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: LG 135 MM; INTERRUPT CAPACITY: 120 KA; TYPE: LV HRC, NH1; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3136-6	No	19		
776	0661868	POWER SUPPLY: INPUT: 230VAC 1.15A; OUTPUT VOLTAGE: 24VDC; +/- 3%; OUTPUT CURRENT: 5-6 A; APPLICATION: UNITS TUBE LEAK DETECTOR SYSTEM; SUPPL P/N: 6EP1333-2AA01; 87 PCT EFFICIENCY; AMBIENT TEMPERATURE 0-60 DEG	No	19		
777	663518	CABLE, ELECTRICAL: VOLTAGE: 1000 V; CORE QUANTITY: 1; CONDUCTOR MATERIAL: CU STRANDED; CONDUCTOR SIZE: 16 MM2; ARMOR: UNARMOURED; DESIGN TYPE: UNARMOURED; BEDDING LAYER MATERIAL: PVC; SHEATH MATERIAL: NITRILE; STANDARD: CLASS 5; TYPE: FLEXIBLE; SPECIFICATION: SABS 1507; LENGTH: 500 M; CABLE DRUMS SHOULD COME WITH RELEVANT TEST CERTIFICATION	No	100		
778	663519	CABLE, ELECTRICAL: VOLTAGE: 1000 V; CORE QUANTITY: 1; CONDUCTOR MATERIAL: CU STRANDED; CONDUCTOR SIZE: 25 MM2; ARMOR: UNARMOURED; DESIGN TYPE: UNARMOURED; BEDDING LAYER MATERIAL: PVC; SHEATH MATERIAL: NITRILE; STANDARD: CLASS 5; TYPE: FLEXIBLE; SPECIFICATION: SABS 1507; LENGTH: 500 M; CABLE DRUMS SHOULD COME WITH RELEVANT TEST CERTIFICATION	No	100		
779	0664657	CONVERTER, SIGNAL: TYPE: CURRENT; INPUT: 0-10 MA DC; OUTPUT: 0-20 MA; POWER SOURCE: 20-90 V; APPLICATION: RTD; THERMOCOUPLES; POTENTIOMETER MEAURING WIRE 2, 3, 5; CLASSIFICATION: IP20; SUPPL P/N: KFU8-GUT-1.D; SAFE GALVANIC ISOLATION ACC TO EN50020; VOLTAGE PEAK VALUE 375 V; EMC-EN61326-1:2013 (INDUSTRIAL LOCATIONS); LEAD RESISTANCE: 50 OMHS	No	18		
780	0665227	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: CLIP ON; POTENTIAL: 250 V; CURRENT: 6 A; SHORT TIME CURRENT: 6 A; POLE: 2; CONTROL VOLTAGE: 250 V; POINT ON WAVE: 0.6W 24V; CREEPAGE: 10 MM; BASIC INSULATION LEVEL: 200 KV; INSULATION MATERIAL: PLASTIC HARD; OPERATING CONTROL TYPE: ON/OFF SWITCH; POLLUTION CLASS: 2; APPLICATION: MAIN SUPPLY; WIDTH: 72 MM; LENGTH: 90 MM; HEIGHT: 76 MM; COLOR: GRAY/WHITE; TYPE: CURVE C; MOUNT: SNAP ON; INTERRUPT CAPACITY: 6 KA; SUPPL P/N: 5SL6506-7; 1+N-POLE	No	10		
781	0666498	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MINIATURE; CURRENT RATING: 16 A; POLES: 1; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 440 V; RATED INSULATION VOLTAGE: 250/440 VAC; IMPULSE WITHSTAND VOLTAGE: 440 V; SHORT TIME CURRENT: 6 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 5 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; APPLICATION: LINE CIRCUIT BREAKER;	No	26		

		PROTECTION: TOUCH; STANDARD: SANS 60947-2; MANUF P/N: 5SY6 116-6; DATASHEET TO BE SUPPLIED DURING RFQ PROCESS				
782	0666501	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: TRANSFORMER; CURRENT RATING: 14-20 A; POLES: 3; MOUNT: SCREW; VOLTAGE PROTECTION LEVEL: 690 V; SHORT TIME CURRENT: 325 A (11 MS); SERVICE SHORT CIRCUIT BREAKING CAPACITY: 4 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: TRANSFORMER; PROTECTION: CL 10; STANDARD: SANS 60947-2; MANUF P/N: 3RV1421-4BA10; SIZE S0; TEMPERATURE -20 TO 70 DEG C; TRIP CLASS 10; WD 45 X HT 97 X DP 96 MM	No	26		
783	0666502	RELAY: TYPE: SAFETY; COIL VOLTAGE: 24 VDC; CONTACT ARRANGEMENT: 3NO 2NC; CONTACT RATING: 6 A; ACTION: 5P; TERMINAL: SCREW; MOUNT: SCREW AND SNAP ON; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 24-2; MANUF P/N: 3TK2825-1BB40; WD 44.8 X HT 138.5 X DP 120 MM; DATASHEET TO BE SUPPLIED DURING RFQ PROCESS	No	26		
784	0666503	SOCKET: TYPE: CONTROL CABINET; SIZE: WD 45 X HT 75 X DP 65.2 MM; MATERIAL: PA; MANUF P/N: SC-D/SC; REFERENCE NO: 2963310; TEMPERATURE -20 TO 60 DEG C; NOMINAL VOLTAGE 250 VAC; NOMINAL CURRENT 16 A; CONTACT MATERIAL CUZN37; COLOUR GREEN; CONDUCTOR CROSS SECTION AWG MIN 24 AND MAX 12; CONNECTION METHOD SCREW; STRIPPING LENGTH 8 MM; SCREW THREAD M3; ACCORDING TO IEC 83/DIN 49440-1	No	26		
785	0666504	CONTACTOR: TYPE: POWER; LINE VOLTAGE: 400 VAC; COIL VOLTAGE: 23-26 V; CURRENT: 160 A; POLE: 3; ENCLOSURE RATING: IP20; CLASSIFICATION: SWITCHGEAR; CONTACT ARRANGEMENT: 2NO 2NC; MANUF P/N: 3RT1054-1AB36; SCREW MOUNTING; WD 120 X HT 172 X DP 170 MM	No	26		
786	0666509	PUSH BUTTON: TYPE: BLACK ACTUATOR; MANUF P/N: M22-D-S; DEGREE OF PROTECTION IP67, IP69K; TEMPERATURE -25 TO 70 DEG C; SHAPE ROUND; CUTOUT DIA 22.5MM; PUSH BUTTON ACTUATION MOMENTARY; PUSH BUTTON DIAMETER 29.7MM	No	26		
787	0666510	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: RES CURRENT OP; CURRENT RATING: 25 A; POLES: 2; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 242 V; RATED INSULATION VOLTAGE: 230 V; IMPULSE WITHSTAND VOLTAGE: 345 V; SHORT TIME CURRENT: 29 A (3 SECOND); SERVICE SHORT CIRCUIT BREAKING CAPACITY: 0.5 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: CIRCUIT PROTECTION; PROTECTION: GROUND FAULT CIRCUIT INTERRUPTER; STANDARD: SANS 60947-2; MANUF P/N: 5SM3312-6; TYPE A 25A; 1+N POL IFN; 30MA; 2MW SUCCESSOR 5SV3 312-6	No	7		
788	0666511	INDICATOR, LIGHT: TYPE: LED ELEMENT; DIMENSIONS: WD 10 X HT 37.2 X DP 26 MM; MATERIAL: PLASTIC; VOLTAGE: 12-30 VDC; CURRENT: 8-15 MA; COLOR: RED; MOUNTING METHOD: CLIP ON; CONNECTION TYPE: SCREW; STANDARD: IEC 60947; OEM P/N: M22-L-R; 0.26 W; IP20; IMPULSE WITHSTAND 6 KV; INSULATION VOLTAGE 500 V; FRONT FIXING	No	6		
789	0666533	PUSH BUTTON: TYPE: WHITE FLUSH ACTUATOR; MANUF P/N: M22-D-W; FLAT DESIGN; IP66; BEZEL TITANIUM; IEC 60947; ROUND; DIAMETER 22MM	No	5		

790	0666535	INDICATOR, LIGHT: TYPE: FLUSH; DIMENSIONS: DIA 29.7 X DP 30.5 MM; MATERIAL: PLASTIC; COLOR: GREEN; MOUNTING METHOD: FRONT; CONNECTION TYPE: SCREW; STANDARD: IEC 60947; MANUF P/N: M22-L-G	No	11		
791	0666668	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR PROTECTION; CURRENT RATING: 0.4 A; POLES: 3; MOUNT: SCREW AND SNAP ON; VOLTAGE PROTECTION LEVEL: 690 V; SHORT TIME CURRENT: 0.5 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP20; APPLICATION: MOTOR PROTECTION; PROTECTION: CLASS 10; STANDARD: SANS 60974-2; MANUF P/N: 3RV1011-0EA15; MOUNT ONTO 35 MM STANDARD RAIL; DATA SHEET TO BE PROVIDED WITH THE RFQ	No	8		
792	0666674	INDICATOR, LIGHT: TYPE: LED; DIMENSIONS: DIA 22 MM; MATERIAL: THERMOPLASTIC; VOLTAGE: 12-30 V; COLOR: WHITE; MOUNTING METHOD: FRONT PANEL; CONNECTION TYPE: SCREW; STANDARD: IEC 60947-5-1; MANUF P/N: M22-LED-W	No	7		
793	0667519	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MINIATURE; CURRENT RATING: 6 A; POLES: 1; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 400 VAC; SHORT TIME CURRENT: 5 KA; POLLUTION CLASS: 1; ENCLOSURE RATING: IP20; APPLICATION: CIRCUIT PROTECTION; PROTECTION: OVERCURRENT; STANDARD: IEC 60947-2; MANUF P/N: 5SY6106-7; DATA SHEET TO BE PROVIDED DURING RFQ PROCESS	No	6		
794	667588	BLOCK, CONTACT: TYPE: AUXILIARY; POTENTIAL: 690 VAC; CIRCUIT: 2; CONTACT ARRANGEMENT: 2NO 2NC; CURRENT: 10 A; TERMINAL: SCREW CLAMP; SPECIFICATION: IEC 60947-5-1; MANUF P/N: LADN22; SWITCHGEAR; DIN RAIL	No	5		
795	0668447	RELAY, OVERLOAD: TRIP RANGE: 30-50A IN 4SEC +/-20PCT; TYPE: ELECTRONIC THERMAL; CONTACT ARRANGEMENT: 1NO 1NC; RESET: MANUAL; CURRENT: 30-50 A; TERMINAL: PLUG IN; MOUNT: DIRECT ON CONTACTOR PLATE; ENCLOSURE RATING: ZONE 21/22; APPLICATION: MOBILE FEEDER MOTOR PROTECTION COAL PLANT; OPERATING TEMP RANGE: -20 TO 70 DEG C; SPECIFICATION: IEC 60947-4-1; SUPPL P/N: LR9F5357; DIMENSIONS: WD 115 X HT 96 X DP 123.5 MM; CLASS 10 TO CONFORM TO IEC 60947-4; TESYS LRF; AC TERMINAL NETWORK; MANUAL RESET ON FRONT RELAY; PROTECTION: IP65 (EX TB IIIC)	No	12		
796	0669274	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: PROTECTION; CURRENT RATING: 160 A; POLES: 3; MOUNT: FIXED; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 800 V; IMPULSE WITHSTAND VOLTAGE: 8000 V; SHORT TIME CURRENT: 1500 A; POLLUTION CLASS: IP20; ENCLOSURE RATING: IP20; APPLICATION: LINE PROTECTION; PROTECTION: OVERLOAD; STANDARD: IEC 60947-1, EN 60947-1; MANUF P/N: 3VL1716-1DD33-0AA0; VL160X N STANDARD; TEMPERATURE -40 TO 80 DEG C; WD 104.5 X HT 157.5 X DP 106.5 MM	No	7		
797	0669670	TRANSFORMER, INSTRUMENT: TYPE: TAPPED; CURRENT: 8.7 A; POTENTIAL: 525/115-230 VAC; APPARENT POWER: 1000 VA; CLASS: CL 1; MOUNT: DIN RAIL; SPECIFICATION: TR28; SUPPL P/N: 681000042; SINAMICS G120 VDS PANEL	No	6		
798	0671837	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: PUSHBUTTON; CURRENT RATING: 1600 A; POLES: 3; MOUNT: RAIL; VOLTAGE PROTECTION LEVEL: 690 V; SHORT TIME CURRENT: 42 KA (1 SECOND); POLLUTION CLASS: PD2; APPLICATION: KIOSK CB; PROTECTION: IP20; STANDARD: EC000228; SUPPL P/N: 1SDA063010R1; T7S 1600 PR231/P LS/I IN=1600A 3P F F M; TMSX T7S 1600 FIXED THREE-POLE WITH FRONT TERMINALS AND	No	7		

		STORED ENERGY OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC PR231/P-LS/I 1600				
799	0675336	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: CLIP ON; POTENTIAL: 220 VAC; CURRENT: 20 A; SHORT TIME CURRENT: 6 KA; POLE: 2; CONTROL VOLTAGE: 240 V; CREEPAGE: 22 MM; BASIC INSULATION LEVEL: 10 KV; INSULATION MATERIAL: PLASTIC HARD; OPERATING CONTROL TYPE: PUSHBUTTON; POLLUTION CLASS: 2; APPLICATION: MOBILE FEEDER; MF1-3 220 VOLT DISTRIBUTION PANEL 01BFP01 AA003; SPECIFICATION: MP4-00400-ELEC-00; IC60A; COLOR: GREY; TYPE: CURVE C; SUPPL P/N: A9F64220	No	6		
800	0675341	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: CLIP ON; POTENTIAL: 220 VAC; CURRENT: 6 A; SHORT TIME CURRENT: 6 KA; POLE: 1; CONTROL VOLTAGE: 220 V; CREEPAGE: 22 MM; BASIC INSULATION LEVEL: 10 KV; INSULATION MATERIAL: PLASTIC HARD; OPERATING CONTROL TYPE: PUSHBUTTON; POLLUTION CLASS: 2; APPLICATION: MOBILE FEEDER; MF1-3 220 VOLT DISTRIBUTION PANEL 01BFP01 AA003; COLOR: GREY; TYPE: CURVE C; OEM P/N: SUPERSEDED BY 0663284; SUPPL P/N: A9F64106; SPECIFICATION: MP4-00400-ELEC-00	No	12		
801	0675810	RELAY, CONTROL: CONTACT RATING: 110 V 10 A; CONTACT ARRANGEMENT: 1NO; COIL VOLTAGE: 500 VAC; ACTION: SPST; MOUNT: BASE; TERMINAL: 2 CAPTIVE SCREW; CONTACT MATERIAL: AG PLTD; ENCLOSURE RATING: IP20; SPECIFICATION: MF1-3 MAIN DRIVE-K01; TYPE: PHASE FAILURE; SUPPL P/N: V3E-500VAC; UNDER/OVER VOLTAGE PROTECTION; 3 PHASE	No	12		
802	0677947	CONTACT, AUXILIARY: TYPE: BLOCK; CONTACT ARRANGEMENT: 1NC 1NO; CURRENT: 6 A; POTENTIAL: 220 V; MATERIAL: PLASTIC; CLASSIFICATION: IP65; ATTACHMENT METHOD: CLIP ON; SUPPL P/N: M22-CKC01; BASE; SPRING-CAGE	No	12		
803	0681930	MODULE: TYPE: CONTROL; OUTPUT: 4-20 MA; POWER SOURCE: 110-240 VAC; APPLICATION: FLOPPER THERM MCC FUEL OIL PLANT; STANDARD: EN 60730; SUPPL P/N: 703570/082-1100-550000-23-00/00.064; DIMENSIONS: 96 SQUARE MILLIMETER	No	12		
804	0681931	MODULE: TYPE: CONTROLLING; OUTPUT: 4-20 MA; POWER SOURCE: 110-240 VAC; APPLICATION: THERM MCC FUEL OIL PLANT; STANDARD: EN 60730; SUPPL P/N: 703570/082-1111-550010-23-00/03.064; DIMENSIONS: 96 SQUARE MILLIMETER	No	7		
805	0681933	MODULE: TYPE: DIGITAL SAFETY; POWER SOURCE: 24 V; APPLICATION: MOTOR CONTROL CENTER; STANDARD: EN 60730; SUPPL P/N: PNOZ-S4-24VD	No	6		
806	681934	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: AIR; CURRENT RATING: 1000 A; POLES: 3; MOUNT: FIXED; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 690 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 300 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 80 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 80 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: DIN EN 81346-2; APPLICATION: OVERLOAD FUEL OIL; PROTECTION: MOTOR; SUPPL P/N: 3WL1110-3BBB32-1AA2-Z-ETU15BLI; SUPPLY WITH ELECTRONIC TRIP UNIT	No	5		

807	0681935	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: AIR; CURRENT RATING: 690 A; POLES: 3; MOUNT: FIXED; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 800 V; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 6.300 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 80 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: DIN EN 81346-2; APPLICATION: OVERLOAD FUEL OIL; PROTECTION: THERMAL; SUPPL P/N: 3VL5763-1SE36-0AE1; VL630 STANDARD BREAKING CAPACITY: 55 KA; 415 VAC, 3 POLE; LINE PROTECTION TRIP UNIT: ETU20; LSI IN: 630A; RATED CURRENT IR: 252-630 A; OVERLOAD PROTECTION; ISD: 1.5 TO 9XIR: II=10XIN SHORTCIRCUIT PROTECTION WITHOUT AXILIARY RELEASE, AUXILIARY/ALARM SWITCH; MOUNTING KIT 2AUX (1NO+1NC)+1AS(1NO)	No	11		
808	0683061	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOLDED CASE; CURRENT RATING: 1000 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 700 V; SHORT TIME CURRENT: 20 KA (1 SECOND); POLLUTION CLASS: T7; APPLICATION: CIRCUIT BREAKER; PROTECTION: OVERLOAD; STANDARD: IEC; SUPPL P/N: 1SDA062805R1	No	8		
809	0686769	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 160 A; POLES: 3; MOUNT: FIXED; VOLTAGE PROTECTION LEVEL: 690 V; SHORT TIME CURRENT: 55 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP40; APPLICATION: MCC PANELS; PROTECTION: SHORT CIRCUIT; STANDARD: DIN EN; SUPPL P/N: NXS-160N	No	7		
810	0687284	CONTACTOR: TYPE: THREE POLE; LINE VOLTAGE: 400/690 V; COIL VOLTAGE: 220-230 V; CURRENT: 80 A; POLE: 3; OEM P/N: CL06A300M; GE INDUSTRIAL CL06A300M 3-POLE: 60 AMP CONTACTOR RATED 30H.P. @ 460 VOLT 3 PHASE AND HAS AC COIL	No	6		
811	0693259	CONTACTOR: TYPE: A-LINE; LINE VOLTAGE: 230 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 20 A; POLE: 2; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: A9C22722	No	5		
812	0694198	FAN, ELECTRIC: TYPE: AXIAL; SIZE: SQ 323 X HT 157 MM; POTENTIAL: 230 VAC; CURRENT: 0.35 A; VOLUME RATING: 600 M3/HR; MATERIAL: METALIC; SPECIFICATION: EN 60529; INSULATION CLASS: B; POLES: 4; TEMPERATURE CLASS: 55 DEG C; DIRECTION: BI DIRECTIONAL; CLASSIFICATION: NON HAZARDOUS; SERVICE FACTOR: 1; SUPPL P/N: SV3326.107; SUPPLY WITH OUTLET FILTER	No	12		
813	0694201	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: AIR; CURRENT RATING: 1600 A; POLES: 3; MOUNT: FIXED; VOLTAGE PROTECTION LEVEL: 690 V; SHORT TIME CURRENT: 300 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 80 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 80 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: DIN EN 81346-2; APPLICATION: COAL STOCKYARD MCC INCOMER; PROTECTION: OVERLOAD; SUPPL P/N: 3WL1116-2CB36-6GA4-Z; REFERENCE NO: (T40+R21+C20+C22+K07+R15); SUPPLY WITH ELECTRONIC TRIP UNIT	No	7		
814	0695021	TRANSFORMER, CURRENT: POTENTIAL: 0.72/3 KV; CURRENT: 150 A; SHORT CIRCUIT CURRENT: 25 KA; CORE TYPE: 2P TPY; CREEPAGE: 90 MM; COOLING TYPE: AN; WINDING MATERIAL: CU; SPECIFICATION: IEC 60044-1; CURRENT RATIO: 150/1; TYPE: BD00-B; CLASS: PX; SUPPL P/N: 1VLT8512002181	No	6		

815	0695052	SWITCH, DISCONNECT: TYPE: NH FUSED; POTENTIAL: 690 VAC; CURRENT: 160 A; ACTION: 3PDT; CONTACT RATING: 160 A; OPERATED: MANUAL; MOUNT: FIXED; DIMENSIONS: WD 106 X LG 195 X THK 80 MM; APPLICATION: KUSILE HITACHI HEATING 690V BOARDS; SPECIFICATION: IEC 60269-2; APPARENT POWER: 100 KVA	No	7		
816	0696235	RELAY, CONTROL: CONTACT RATING: 8 A; CONTACT ARRANGEMENT: 2NO 2NC; COIL VOLTAGE: 230 VAC; ACTION: 1P; MOUNT: BASE; TERMINAL: 8 PIN; SUPPL P/N: 46.52.8.230	No	6		
817	0698769	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: THERMAL MAGNETIC; CURRENT RATING: 50 A; POLES: 3; MOUNT: REAR FLAT HORIZONTAL; VOLTAGE PROTECTION LEVEL: 3100 V; RATED INSULATION VOLTAGE: 800 VAC; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 5 KA; POLLUTION CLASS: Q; APPLICATION: BREAKERS; PROTECTION: OVERLOAD/SHORT CIRCUIT; SUPPL P/N: 1SDA067413R1	No	7		
818	0704604	RELAY, CONTROL: CONTACT RATING: 8 A; CONTACT ARRANGEMENT: 1NO 1NC; COIL VOLTAGE: 24 VDC; ACTION: DPDT; MOUNT: PLUG; TERMINAL: 8 PIN; SUPPL P/N: CR-P024DC; PLUGGABLE PCB INTERFACE	No	6		
819	0706969	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 1250 A; POLES: 3; MOUNT: FIXED; VOLTAGE PROTECTION LEVEL: 690 V; SHORT TIME CURRENT: 1250 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 50 KV; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 50 KV; POLLUTION CLASS: B; APPLICATION: EVAPORATORS INCOMER MCC; PROTECTION: SHORT CIRCUIT; CONTROL TYPE: SHUNT TRIP; STANDARD: IEC 60947-2; SUPPL P/N: NS1250N; SUPPLY WITH 110 V AC/DC SHUNT TRIP COIL, WITH MICROLOGIC 2.0 CONTROL	No	5		
820	0708019	TRANSFORMER: CONTROL; CURRENT: 2.49/0.95 A; POTENTIAL: 380/400/415/460 VAC; PHASE: 1/3; APPARENT POWER: 500 VA; MOUNTING: PANEL; SUPPL P/N: YTT-500VA; MATERIAL: COPPER/ALLUMINUM	No	11		
821	0708233	CONTACTOR: TYPE: CONTROL; LINE VOLTAGE: 600 V; COIL VOLTAGE: 220-230 V; CURRENT: 65 A; POLE: 3; CONTACT ARRANGEMENT: 2NO 2NC; SUPPL P/N: CL07A300M1; WITH BCLF10 AUXILIARY CONTACTS	No	8		
822	709021	COIL, ELECTRICAL: FUNCTION: UNDERVOLTAGE RELEASE; POTENTIAL: 220-250 VAC; CURRENT: 1 A; SUPPL P/N: 3VL9400-1UH00; ACCESSORY FOR VL160; VL250 AND VL400 MCCB	No	7		
823	0709498	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: AIR; CURRENT RATING: 800 A; CONTROL VOLTAGE: 220 V; POLES: 3; MOUNT: WITHDRAWABLE; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 1000 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 800 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 55 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC60947-2; APPLICATION: MCC PANELS; PROTECTION: SHORT CIRCUIT; SUPPL P/N: 3WL1108-2AA36-4GA4-Z T40; SHUNT; MOTOR; CLOSING COILS; 4NO 4NC AUX CONTACTS; DOOR SEALING FRAME; PADLOCK KIT	No	6		

824	0709504	RELAY, SOLID STATE: TYPE: MOTOR PROTECTION; COIL VOLTAGE: 240 VAC; CONTACT RATING: 3 A; POTENTIAL: 600 V; CURRENT: 1-820 A; CONTACT ARRANGEMENT: 2NO 2NC; ACTION: DPST; MOUNT: DIN RAIL; OPERATING TEMP RANGE: -5 TO 50 DEG C; SPECIFICATION: IEC/EN60947; SUPPL P/N: 209634	No	5		
825	0709505	RELAY, CONTROL: CONTACT RATING: 5 A; CONTACT ARRANGEMENT: 2NO 2NC; COIL VOLTAGE: 24 VDC; ACTION: DPDT; MOUNT: DIN RAIL; TERMINAL: 8 PIN; CONTACT MATERIAL: AG; SPECIFICATION: E41515; SUPPL P/N: MY214; SUPPLY COMPLETE WITH DIN RAIL BASE	No	12		
826	0709506	SWITCH, SELECTOR: OPERATED: MANUAL; POSITION: 2; POTENTIAL: 230 VAC; CONTACT CONFIGURATION: ON/OFF; CONTACT ARRANGEMENT: NO; CONTACT RATING: 6 A; ACTION: SPDT; APPLICATION: MCC PANELS; CLASSIFICATION: NON-HAZARDOUS; SUPPL P/N: M2SS1-10B; HOLDER 2 X CONTACTS(MCBH-20); CURRENT: 6 AMPERE	No	7		
827	0713133	TRANSMITTER, TEMPERATURE: TYPE: PT100; MOUNT: CORE; MANUF P/N: 4WRPT100-QUOTE201061; REFERENCE NO: USED ON GEARFOLL DRY TYPE TRANSFORMERS; RANGE: 0-200 DEGREE CENTIGRADE; CAPILLARY LENGTH: 2.5 METER; CONNECTION: WIRED; SUPPLY: 24 VOLT; OUTPUT: 4-20 MILLIAMPERE	No	6		
828	0714348	CONTACTOR: TYPE: ELECTROMAGNETIC; LINE VOLTAGE: 415 VAC; COIL VOLTAGE: 220 VDC; CURRENT: 10 A; POLE: 4; ENCLOSURE RATING: IP20; SPECIFICATION: CE;UL;CSA; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 10 A; SUPPL P/N: XTRM10A22TD	No	7		
829	0714349	MODULE: TYPE: CHANGER OVER; INPUT: 230 VAC; POWER SOURCE: 110 VDC; APPLICATION: CONTROL CIRCUITS; SUPPL P/N: FIN.49.52.9.024.0050	No	6		
830	0714351	CONTACTOR: TYPE: ELECTROMAGNETIC; LINE VOLTAGE: 415 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 10 A; POLE: 3; ENCLOSURE RATING: IP20; CLASSIFICATION: NON-HAZARDOUS; SPECIFICATION: CE;UL;CSA; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 10 A; SUPPL P/N: XTRM10A22B; SUPPLY C/W AUX-MINI PART XTMCXFA22	No	5		
831	0714352	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 20 A; POLES: 3P; MOUNT: FIXED; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 800 V; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 160 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947; APPLICATION: MCC PANELS; PROTECTION: SHORT CIRCUIT; CONTROL TYPE: PUSH-BUTTON; SUPPL P/N: T2S160 MA20	No	12		
832	0714353	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR PROTECTION; CURRENT RATING: 1250 A; POLES: 3P; MOUNT: WITHDRAWABLE; VOLTAGE PROTECTION LEVEL: 690 V; SHORT TIME CURRENT: 1250 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 65 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 65 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-2; APPLICATION: MOTOR; PROTECTION: SHORT CIRCUIT; CONTROL TYPE: AC; SUPPL P/N: MWI2	No	6		
833	0714354	CONTACTOR: TYPE: ELECTROMAGNETIC; LINE VOLTAGE: 415 VAC; COIL VOLTAGE: 230 VAC; CURRENT: 40 A; POLE: 3; ENCLOSURE RATING: IP20; CLASSIFICATION: NON-HAZARDOUS; SPECIFICATION: IEC 60068-2-30; CONTACT ARRANGEMENT: 2NO 2NC; MAXIMUM CURRENT RATING: 50 A; SUPPL P/N: 1SBL351001R8000	No	7		

834	0714388	TRANSFORMER, CURRENT: POTENTIAL: 800 V; CURRENT: 40 A; SHORT CIRCUIT CURRENT: 25 KA; CORE TYPE: SINGLE; CREEPAGE: 200 MM; APPARENT POWER: 0.05 VA; PHASE: 3; VECTOR GROUP: YN; COOLING TYPE: AIR; TERMINAL: SCREW; INCLOSURE TYPE: INDOOR; CURRENT RATIO: 0.03/10/0.0167 A; TYPE: CORE BALANCE; SUPPL P/N: WR 70X175 - B9808 0609	No	6		
835	0714390	RELAY, TIME DELAY: OPERATION: 0.05 S - 600 S; CONTACT ARRANGEMENT: 2 CO; ACTION: DPDT; CONTACT RATING: 5 A; COIL VOLTAGE: 200-240 VDC; TERMINAL: SCREW; MOUNT: DIN RAIL; CONTACT MATERIAL: AGNI; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60068-2-27; SUPPL P/N: 3RP1540-1BN31	No	7		
836	0714548	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MCCB; POTENTIAL: 690 VAC; CURRENT: 80 A; SHORT TIME CURRENT: 50 KA; POLE: 3; CONTROL VOLTAGE: 8 KV; CREEPAGE: 120 MM; BASIC INSULATION LEVEL: 1 KV; INSULATION MATERIAL: PVC; OPERATING CONTROL TYPE: 2A MCB WITH NORMALLY OPEN AUX CONTACT; POLLUTION CLASS: 3; APPLICATION: MCC PANELS; SPECIFICATION: IEC 60947; MOUNT: FIXED; INTERRUPT CAPACITY: 15 KA; SUPPL P/N: T2S160 MA80	No	6		
837	0715383	RELAY, SOLID STATE: TYPE: EARH LEAKAGE; COIL VOLTAGE: 110-230 VAC; CONTACT RATING: 5 A; POTENTIAL: 550 VAC; CURRENT: 5 A; CONTACT ARRANGEMENT: 1NO 1NC; ACTION: SPDT; MOUNT: PANEL; SIZE: 55 MM; SUPPL P/N: EL-EIN-250; SUPPLY C/W WITH ELCORE-55E	No	5		
838	0715406	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 40 A; POLES: 3; MOUNT: FIXED; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 690 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 200 A; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 PCT AT 230 V; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 40 PCT AT 400 V; POLLUTION CLASS: IP20; SPECIFICATION: IEC/EN 60947; APPLICATION: MCC PANELS; PROTECTION: SHORT CIRCUIT; CONTROL TYPE: PUSH-BUTTON; SUPPL P/N: NZMN1-S40; NZM1-S40 3P MCCB C/W AUX SWITCH M22-CK11 1N/O+1N/C(107940) AND NZM1-XHB ROTARY; VARI DEPTH OPERATOR	No	11		
839	0720124	RELAY, OVERLOAD: TRIP RANGE: 2.5-6 A; TYPE: THERMAL CL20; CONTACT ARRANGEMENT: 1NC 1NO; RESET: MANUAL/AUTO; CURRENT: 4 A; TERMINAL: DOUBLE RUPTURE SCREW; MOUNT: DIN RAIL; CONTACT: 3 PIN; CONTACT MATERIAL: METAL; APPLICATION: PROTECTION; OPERATING TEMP RANGE: -25 TO 60 DEG C; SPECIFICATION: IEC 60947-4-1; OEM P/N: RT12K	No	8		
840	0720125	RELAY, OVERLOAD: TRIP RANGE: 40-55 A; TYPE: THERMAL CL20; CONTACT ARRANGEMENT: 1NC 1NO; RESET: MANUAL/AUTO; CURRENT: 55 A; TERMINAL: DOUBLE RUPTURE SCREW; MOUNT: DIN RAIL; CONTACT: 3 PIN; CONTACT MATERIAL: METAL; APPLICATION: PROTECTION; OPERATING TEMP RANGE: -25 TO 60 DEG C; SPECIFICATION: IEC 60947-4-1; OEM P/N: RT22G	No	7		
841	0720126	RELAY, OVERLOAD: TRIP RANGE: 30-43 A; TYPE: THERMAL CL10; CONTACT ARRANGEMENT: 1NC 1NO; RESET: MANUAL AUTO; CURRENT: 43 A; TERMINAL: DOUBLE RUPTURE SCREW; MOUNT: DIN RAIL; CONTACT: PIN; CONTACT MATERIAL: METAL; APPLICATION: PROTECTION; OPERATING TEMP RANGE: -25 TO 60 DEG C; SPECIFICATION: IEC 60947-4-1; OEM P/N: RT2E	No	6		

842	0720127	TRANSFORMER, POTENTIAL: TYPE: DRY; PHASE: SINGLE; INPUT POTENTIAL: 230 V; OUTPUT POTENTIAL: 24 V; BURDEN: 50 VA; CREEPAGE: CLASS B; APPARENT POWER: 50 VA; POTENTIAL: 400 V; TAPPING: 2; STYLE: CONTROL; WINDING TYPE: WIRE WOUND	No	5		
843	0720128	TRANSFORMER, POTENTIAL: TYPE: DRY; PHASE: SINGLE; INPUT POTENTIAL: 230 V; OUTPUT POTENTIAL: 24 V; BURDEN: 100 VA; CREEPAGE: CLASS B; APPARENT POWER: 100 VA; POTENTIAL: 400 V; TAPPING: 2; STYLE: CONTROL; WINDING TYPE: WIRE WOUND	No	12		
844	0720337	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 400 A; POLES: 3; MOUNT: FIXED AND W/D; VOLTAGE PROTECTION LEVEL: 690 V; SHORT TIME CURRENT: 50 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; POLLUTION CLASS: 3; APPLICATION: PROTECTION; PROTECTION: SHORT CIRCUIT; STANDARD: IEC 60947-1; OEM P/N: 431473	No	7		
845	0720429	MODULE: TYPE: TRIP UNIT; INPUT: 3 P; OUTPUT: 120-630 A; POWER SOURCE: AC; APPLICATION: PROTECTION; COMMERCIAL SIZE: 630; OEM P/N: 438680; FE/FG; DIMENSIONS: 80 X 70 MILLIMETER	No	6		
846	0720430	TRANSFORMER, POTENTIAL: TYPE: CONTROL; PHASE: SINGLE; INPUT POTENTIAL: 400 V; OUTPUT POTENTIAL: 230 V; BURDEN: 10 VA; CREEPAGE: 30 MM; APPARENT POWER: 1500 VA; POTENTIAL: 690 V; TAPPING: SINGLE; STYLE: DRY TYPE; WINDING TYPE: WIRE; SUPPLY PDS TYPE CONTROL TRANSFORMER	No	7		
847	0720434	SWITCH, DISCONNECT: TYPE: AUTOMATIC CHANGEOVER; POTENTIAL: 690 V; CURRENT: 63 A; ACTION: 3 PHASE; CONTACT RATING: 63 A; OPERATED: AUTOMATIC; MOUNT: DIN RAIL; DIMENSIONS: 300 X 200 MM; APPLICATION: SWITCHGEAR; CLASSIFICATION: NORMAL; SPECIFICATION: IEC 60947-6-1; OEM P/N: ATYSGM63A; SUPPLY ONE FROM SOCOMEC	No	6		
848	0720435	RELAY, OVERLOAD: TRIP RANGE: 10-16 A; TYPE: THERMAL CL 10; CONTACT ARRANGEMENT: 3 POLE; RESET: AUTO / MANUAL; CURRENT: 10 A; TERMINAL: DOUBLE RUPTURE SCREW; MOUNT: DIN RAIL; CONTACT: 3 PIN; CONTACT MATERIAL: METAL; APPLICATION: PROTECTION; OPERATING TEMP RANGE: 25-55 DEG C; SPECIFICATION: IEC 60947; OEM P/N: 1SAM250000R1011	No	5		
849	0720437	RELAY, CONTROL: CONTACT RATING: 8 A; CONTACT ARRANGEMENT: 2 CO; COIL VOLTAGE: 24 V; ACTION: SINGLE; MOUNT: PLUG IN; TERMINAL: PIN; CONTACT MATERIAL: METAL; SPECIFICATION: IEC; TYPE: CONTROL; OEM P/N: PRCT2AN	No	11		
850	0720439	RELAY, OVERLOAD: TRIP RANGE: 0.25 - 0.4 A; TYPE: THERMAL CL10; CONTACT ARRANGEMENT: 3 POLE; RESET: AUTO / MANUAL; CURRENT: 10 A; TERMINAL: DOUBLE RUPTURE SCREW; MOUNT: DIN RAIL; CONTACT: 3 PIN; CONTACT MATERIAL: METAL; APPLICATION: PROTECTION; OPERATING TEMP RANGE: 25-55 DEG C; SPECIFICATION: IEC 60947; OEM P/N: 1SAM250000R1003	No	8		
851	0720441	RELAY, CONTROL: CONTACT RATING: 8 A; CONTACT ARRANGEMENT: 2 CO; COIL VOLTAGE: 230 V; ACTION: DOUBLE; MOUNT: PLUG IN; TERMINAL: PIN; CONTACT MATERIAL: METAL; SPECIFICATION: IEC; TYPE: CONTROL; OEM P/N: PRC04M40ANL	No	7		

852	0720456	RELAY, CONTROL: CONTACT RATING: 8 A; CONTACT ARRANGEMENT: 2 CO; COIL VOLTAGE: 230 V; ACTION: SINGLE; MOUNT: PLUG IN; TERMINAL: PIN; CONTACT MATERIAL: METAL; SPECIFICATION: IEC; TYPE: CONTROL; OEM P/N: PRCT2AD	No	6		
853	0720484	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR CIRCUIT BREAKER; CURRENT RATING: 0.6-1 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 400 V; SHORT TIME CURRENT: 100 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP54; APPLICATION: PROTECTION; PROTECTION: SHORT CIRCUIT; CONTROL TYPE: MANUAL; STANDARD: IEC; OEM P/N: GPS1BHAE; SUPPLY WITH HANDLE MECHANISM 101363	No	5		
854	0720485	RELAY, OVERLOAD: TRIP RANGE: 0.65-1.1 A; TYPE: THERMAL CL20; CONTACT ARRANGEMENT: 1N/O 1 N/C; RESET: AUTO / MANUAL; CURRENT: 1.1 A; TERMINAL: DOUBLE RUPTURE SCREW; MOUNT: DIN RAIL; CONTACT: 3 PIN; CONTACT MATERIAL: METAL; APPLICATION: PROTECTION; OPERATING TEMP RANGE: -25 TO 60 DEG; STORAGE TEMP RANGE: 25 DEG; SPECIFICATION: IEC 60947-4-1; OEM P/N: RT12F	No	12		
855	0720486	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 25-30 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 400 V; SHORT TIME CURRENT: 100 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; APPLICATION: PROTECTION; PROTECTION: SHORT CIRCUIT; STANDARD: IEC 947-2; OEM P/N: GPS1BHAR	No	7		
856	0720487	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 14-20 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 400 V; SHORT TIME CURRENT: 100 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP54; APPLICATION: PROTECTION; PROTECTION: SHORT CIRCUIT; STANDARD: IEC 947-2; OEM P/N: GPS1BHAN; SUPPLY WITH HANDLE MECHANISM 101363	No	6		
857	0720502	MODULE, POWER SUPPLY: TYPE: SWITCH MODE; INPUT: 110-240 V; OUTPUT: 5 A; APPLICATION: MCC; SPECIFICATION: IEC; HARDWARE: CONTROL TRANSFORMER; OEM P/N: 1SVR 427 014 R0000	No	7		
858	0720506	RELAY, OVERLOAD: TRIP RANGE: 8-12 A; TYPE: THERMAL CL20; CONTACT ARRANGEMENT: 1NC+1NO; RESET: AUTO / MANUAL; CURRENT: 12 AMP; TERMINAL: DOUBLE RUPTURE SCREW; MOUNT: DIN RAIL; CONTACT: 3 PIN; CONTACT MATERIAL: METAL; APPLICATION: PROTECTION; OPERATING TEMP RANGE: -25 TO 60 DEG; SPECIFICATION: IEC; OEM P/N: RT12N	No	6		
859	0720511	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 1.6-25; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 400 V; SHORT TIME CURRENT: 100 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP54; APPLICATION: PROTECTION; PROTECTION: SHORT CIRCUIT; CONTROL TYPE: MANUAL; STANDARD: IEC 947-2; OEM P/N: GPS1BHAG; SUPPLY WITH HANDLE MECHANISM 101363	No	5		

860	0720512	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR CIRCUIT BREAKER; CURRENT RATING: 1-1.16 A; POLES: 3; MOUNT: DIN; VOLTAGE PROTECTION LEVEL: 400 V; RATED INSULATION VOLTAGE: 400 V; IMPULSE WITHSTAND VOLTAGE: 20.8 A; SHORT TIME CURRENT: 100 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; APPLICATION: PROTECTION; PROTECTION: SHORT CIRCUIT; STANDARD: IEC 947-2; OEM P/N: GPS1BHAF	No	11		
861	0720513	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 400 A; POLES: 3; MOUNT: FIXED AND W/D; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 750 V; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 50 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; POLLUTION CLASS: 3; APPLICATION: PROTECTION; PROTECTION: SHORT CIRCUIT; STANDARD: IEC 60947-1 & 2; OEM P/N: 438432; SUPPLY WITH OPERATING MECHANISM, HANDLE AND EXTENSION FOR DOOR OPERATION	No	8		
862	0720515	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 160 V; POLES: 3; MOUNT: FIXED AND W/W; VOLTAGE PROTECTION LEVEL: 690 V; SHORT TIME CURRENT: 50 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 PCT; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: STANDARD; APPLICATION: PROTECTION; PROTECTION: SHORT CIRCUIT; STANDARD: IEC 60947-2; OEM P/N: 431712; SUPPLY WITH OPERATING MECHANISM, HANDLE AND EXTENSION FOR DOOR OPERATION	No	7		
863	720516	BRACKET: TYPE: DRAW-OUT; MATERIAL: ALLOY; DIMENSIONS: 200X220 MM; SPECIFICATION: IEC; APPLICATION: MCCB; LOAD CAPACITY: 160 FRAME; OEM P/N: 432544	No	6		
864	720517	BRACKET: TYPE: DRAW-OUT; MATERIAL: METALIC ALLOY; DIMENSIONS: 200X220 MM; SPECIFICATION: IEC 3PFE; APPLICATION: MCCBS; LOAD CAPACITY: 160 FRAME; OEM P/N: 4325338	No	5		
865	0720518	TRANSFORMER, POTENTIAL: TYPE: DRY; PHASE: SINGLE; INPUT POTENTIAL: 230 V; OUTPUT POTENTIAL: 24 V; BURDEN: 1000 VA; CREEPAGE: CLASS B; APPARENT POWER: 1000 VA; POTENTIAL: 400/230/24 V; TAPPING: 2; STYLE: CONTROL; WINDING TYPE: WIRE WOUND; SPECIFICATION: IEC	No	12		
866	720519	TRANSFORMER, POTENTIAL: TYPE: DRY; PHASE: SINGLE; INPUT POTENTIAL: 230 V; OUTPUT POTENTIAL: 24 V; BURDEN: 150 VA; CREEPAGE: CLASS B; APPARENT POWER: 150 VA; POTENTIAL: 400/230/24 V; TAPPING: 2; STYLE: CONTROL; WINDING TYPE: WIRE; SPECIFICATION: IEC	No	6		
867	720521	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MOTOR; CURRENT RATING: 6.3-10 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 400 V; SHORT TIME CURRENT: 100 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 100 KA; POLLUTION CLASS: 2; ENCLOSURE RATING: IP54; APPLICATION: PROTECTION; PROTECTION: SHORT CIRCUIT; CONTROL TYPE: MANUAL; STANDARD: IEC 947-2; SUPPLY WITH HANDLE MECHANISM 101363	No	7		

868	722560	MODULE: TYPE: CONTROL AND PROTECTION; INPUT: 3 P; OUTPUT: -24-63 A; POWER SOURCE: AC; APPLICATION: MOTOR MANAGEMENT; COMMERCIAL SIZE: 63 A; OEM P/N: UMC100-FBP; FE/FG; DIMENSIONS: WD 60 X LG 120 MILLIMETER	No	6		
869	722656	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 250 A; POLES: 3; MOUNT: FIXED; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 750 V; IMPULSE WITHSTAND VOLTAGE: 8 KV; SHORT TIME CURRENT: 50 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 120 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: STANDARD; APPLICATION: PROTECTION; PROTECTION: SHORT CIRCUIT; STANDARD: EN 60068-2; OEM P/N: 054557; SUPPLY WITH OPERATING MECHANISM, HANDLE AND EXTENSION FOR DOOR OPERATION FOR ABB TMAX C/B; ALSO SUPPLY ELECTRONIC TRIP UNIT	No	7		
870	722658	BRACKET: TYPE: DRAW-OUT; MATERIAL: ALLOY; DIMENSIONS: LG 200 X HT 220 MM; SPECIFICATION: IEC 3PFG; APPLICATION: MCCB; LOAD CAPACITY: 160 FRAME; OEM P/N: 432556; SUPPLY WITH ALL AUX CONTACTS	No	6		
871	722659	BRACKET: TYPE: DRAW-OUT; MATERIAL: ALLOY; DIMENSIONS: LG 200 X HT 220 MM; SPECIFICATION: IEC 3P; APPLICATION: MCCBS; LOAD CAPACITY: 160 FRAME; OEM P/N: 432550; SUPPLY WITH ALL AUX CONTACTS	No	5		
872	0722660	MODULE: TYPE: TRIP UNIT; INPUT: 3 P W; OUTPUT: 120-400 A; POWER SOURCE: AC; APPLICATION: PROTECTION; COMMERCIAL SIZE: 400 A; OEM P/N: 438664; INPUT: 3P; FE/FG; DIMENSIONS: LG 80 X WD 70 MILLIMETER	No	11		
873	0722661	MODULE: TYPE: TRIP UNIT; INPUT: 3 P W; OUTPUT: 120-250 A; POWER SOURCE: AC; APPLICATION: PROTECTION; COMMERCIAL SIZE: 250 A; OEM P/N: 433195; FE/FG; DIMENSIONS: LG 80 X WD 70 MILLIMETER	No	8		
874	722662	MODULE: TYPE: TRIP UNIT; INPUT: 3 P W; OUTPUT: 120-160 A; POWER SOURCE: AC; APPLICATION: PROTECTION; COMMERCIAL SIZE: 160; OEM P/N: 432570; FE/FG; DIMENSIONS: LG 80 X WD 70 MILLIMETER	No	7		
875	0722663	MODULE: TYPE: TRIP UNIT; INPUT: 4 P W; OUTPUT: 120-630 A; POWER SOURCE: AC; APPLICATION: PROTECTION; COMMERCIAL SIZE: 630; OEM P/N: 438684; FE/FG; DIMENSIONS: LG 80 X WD 70 MILLIMETER	No	6		
876	0725166	STARTER, ELECTRIC MOTOR: CONTACT RATING: 400 VAC 81 A; INDUSTRY SIZE: 45 KW; TYPE: SOFT; COIL VOLTAGE: 110-230 V; POLES: 3; MOUNT: PANEL; CONNECTION: SUPPLY LINE; SPECIFICATION: IEC 60947-4-2; SUPPL P/N: ATS48D88Q; ATS480D88Y	No	5		
877	0725431	SWITCH, DISCONNECT: TYPE: MCCB; POTENTIAL: 690 V; CURRENT: 200 A; ACTION: 3PST; CONTACT RATING: 200 A; MOUNT: SCREW MOUNT; DIMENSIONS: LG 175 X WD 105 X HT 85 MM; APPLICATION: MCC; SUPPLY ONESTO PART NUMBER KCM1-IS22S-200	No	12		

878	0725438	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 0.5 A; POLES: 1; MOUNT: PLUG IN; VOLTAGE PROTECTION LEVEL: 690 V; RATED INSULATION VOLTAGE: 690 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 50 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 120 KA; POLLUTION CLASS: 3; APPLICATION: SWITCHGEAR; PROTECTION: SHORT CIRCUIT; STANDARD: IEC; SUPPLY PART NUMBER ETA S 2210-S211-P1M1-H111 FROM ETA	No	6		
879	0725439	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCCB; CURRENT RATING: 125 A; POLES: 4; MOUNT: SCREW MOUNT; VOLTAGE PROTECTION LEVEL: 6 V; SHORT TIME CURRENT: 50 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 120 KA; POLLUTION CLASS: 3; APPLICATION: SWITHCGEAR; PROTECTION: SHORT CIRCUIT; STANDARD: IEC; OEM P/N: TS160 4 POLE	No	7		
880	0725440	SWITCH, DISCONNECT: TYPE: MCCB; POTENTIAL: 400 V; CURRENT: 630 A; ACTION: 3PST; CONTACT RATING: 630 A; MOUNT: SCREW MOUNT; DIMENSIONS: LG 165 X WD 105 X HT 85; APPLICATION: SWITCHGEAR; SIMILAR TO SIEMENS	No	6		
881	0725441	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: MCB; CURRENT RATING: 6 A; POLES: 3; MOUNT: DIN RAIL; VOLTAGE PROTECTION LEVEL: 6 KV; RATED INSULATION VOLTAGE: 690 V; IMPULSE WITHSTAND VOLTAGE: 6 KV; SHORT TIME CURRENT: 50 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 50 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 120 KA; POLLUTION CLASS: 3; APPLICATION: SWITCH GEAR; PROTECTION: SHORT CIRCUIT; STANDARD: IEC; SUPPLY BREAKER SIMILAR TO ONESTO PART NUMBER KC6-T-306	No	7		
882	0725442	TRANSFORMER, CURRENT: POTENTIAL: 720 V; CURRENT: 1600 A; SHORT CIRCUIT CURRENT: 1 A; CORE TYPE: 2 RING; CREEPAGE: 1.8 MM; APPARENT POWER: 10 VA; PHASE: THREE; TAPPING: N/A; STYLE: FEED THROUGH; COOLING TYPE: AIR; WINDING MATERIAL: COPPER; SPECIFICATION: IEC; CURRENT RATIO: 1600/1 A; TYPE: PROTECTION; CLASS: 5P20; SUPPLY CURRENT ELECTRIC OR SIMILAR	No	6		
883	0725443	RELAY, OVERLOAD: TRIP RANGE: 3-6 A; TYPE: THERMAL; CONTACT ARRANGEMENT: 1NC 1NO; RESET: MANUAL; CURRENT: 6; TERMINAL: METAL THREE BLADE; MOUNT: CONTACTOR FIX; CONTACT MATERIAL: COPPER; APPLICATION: SWITCHGEAR; STORAGE TEMP RANGE: -25-45; SPECIFICATION: IEC	No	5		
884	0725444	THERMISTOR: TYPE: WIRE AC3; RANGE: 170 DEG C; SUPPLY WIRED AS USED OF SIEMENS GEARFOL DRY TYPE TRANSFORMERS	No	11		
885	0725445	RELAY, SOLID STATE: TYPE: VIP 35 RELAY PROTECTION; COIL VOLTAGE: 230V AC; CONTACT RATING: 10 A; POTENTIAL: 230 VAC; CURRENT: 1 A; CONTACT ARRANGEMENT: NC + NO; ACTION: 3PST; MOUNT: PANEL; OPERATING TEMP RANGE: -25-45 DEG C; SPECIFICATION: IEC; SUPPLY SIMILAR TO SERIAL NUMBER 12110229 FROM SCHNEIDER ELECTRIC RMUS	No	8		
886	0666247	BREAKER, CIRCUIT, LOW VOLTAGE: TYPE: CARVE C; CURRENT RATING: 10 A; POLES: 2; MOUNT: DIN RAIL 35 MM; VOLTAGE PROTECTION LEVEL: 6 KV; SHORT TIME CURRENT: 12 A; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 6 KV; 440 V; POLLUTION CLASS: 3; SPECIFICATION: IEC 60947-2; APPLICATION: PROTECTION; PROTECTION: LINE; SUPPL P/N: 5SL6210-7	No	7		

887	0630874	MODULE: TYPE: TEMPERATURE CONTROL RELAY; POWER SOURCE: 24-240 VAC/DC 50 HZ; APPLICATION: DRY TYPE TRANSFORMER WINDING TEMPERATURE MONITOR; DIMENSIONS: WD 92 X HT 92 X DP 131 MM; SUPPL P/N: NT935-AD; OUTPUT: 1 SENSOR OR OPERATION FAILURE (FAULT) RELAY SPST; OUTPUT RELAYS WITH 10A-250VAC-RES COS=1 CONTACTS; MODBUS RTU RS485 OUTPUT; AMBIENT OPERATING TEMPERATURE: -20 TO 60 DEG C; ABSORPTION 7.5VA; 3 DIGIT LOCAL TEMPERATURE DISPLAY; 3 DIGIT LOCAL CHANNEL DISPLAY; 4 X PT100 INPUTS (3 WIRE); 2 X SPDT (ALARM & TRIP)' 1 X SPST (FAULT); 1 X 4-20MA; 1 X MODBUS RTU RS485	No	6		
888	0630879	RELAY: TYPE: RESISTOR; COIL VOLTAGE: 24 VDC; CONTACT ARRANGEMENT: 1NO 1NC; CONTACT RATING: 220-240 VA +/-10 PCT; ACTION: DPST; TERMINAL: SCREW; MOUNT: DIN RAIL 35 MM; ENCLOSURE RATING: IP20; SPECIFICATION: MSF220K; SUPPL P/N: MSF220K-T221715; DRY-TRANSFORMERS; 2PTC-CIRCUITS; AMBIENT TEMP: -20 TO 55 DEG C	No	5		
889		5000/1A, 15VA, 5P20	No	12		
890	0644843	MODULE: TYPE: STANDBY GEN SETS; APPLICATION: DETACHABLE CONSTRUCTION; SUPPL P/N: IS-NT-BB	No	3		
891	0580247	DISPLAY: TYPE: MONOCHROMATIC MODULE; DIMENSIONS: 180 X 284 MM; MANUF P/N: 1S-DISP; DETACHABLE	No	3		
892	0580248	MODULE: TYPE: I/O EXPANSION; INPUT: 0-100MV 0-20MA 0-250OHM; OUTPUT: 8 BINARY AND 1 ANALOG; MANUF P/N: 1GS-PTM	No	6		
893	0580249	MODULE: TYPE: ANALOGUE EXPANSION; INPUT: 8 ANALOGUE; MANUF P/N: IS-AIN8	No	6		
894	0580250	MODULE: TYPE: AVR INTERFACE; MANUF P/N: 1G-AVRI	No	6		
895	0580251	TRANSFORMER: TYPE: POWER SUPPLY; CURRENT: 230/277 - 400/480 VAC; PHASE: 1; FREQUENCY RANGE: 50-60-400 HZ; FOR IG-AVRI MODULE	No	6		
896	0580254	TRANSFORMER: TYPE: VOLTAGE; POTENTIAL: 11000-110 V; PHASE: 1; MANUF P/N: TJC4	No	4		
897	0644881	TRANSFORMER, CURRENT: POTENTIAL: 0.72 KV; CURRENT: 50-1250 A; SHORT CIRCUIT CURRENT: 31.5/3 KA; CORE TYPE: RING; CREEPAGE: 16 MM; SPECIFICATION: IEC 61869-2; CURRENT RATIO: 400/1 A; CLASS: 5P10; SUPPL P/N: BD00A	No	6		
898	0580252	SWITCH, DISCONNECT: TYPE: DISCONNECTOR; ACTION: 4PST; CONTACT RATING: 80 A; MANUF P/N: OTG80F4N2; CURRENT: 80 AMPERE; POTENTIAL: 750 VOLT	No	4		
899	0580253	CONTACTOR: TYPE: MINI; LINE VOLTAGE: 690VAC; 240VDC; COIL VOLTAGE: 240 VAC; CURRENT: 9-20 A; POLE: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 1NO AUX; MAXIMUM CURRENT RATING: 9 A; MANUF P/N: B6.30.10, GJL1211001R8100	No	6		
900	0580255	RELAY: TYPE: THERMAL OVERLOAD; COIL VOLTAGE: 690 VAC; CONTACT ARRANGEMENT: 1NO 1NC; CONTACT RATING: 1 A; ACTION: 3PDT; TERMINAL: SCREW; MOUNT: HOOK IN; ENCLOSURE RATING: IP20; MANUF P/N: T7DU1.0	No	6		
901	0580256	RELAY: TYPE: THERMAL OVERLOAD; COIL VOLTAGE: 690 VAC; CONTACT ARRANGEMENT: 1NO 1NC; CONTACT RATING: 4 A; ACTION: 3PDT; TERMINAL: SCREW; MOUNT: HOOK IN; ENCLOSURE RATING: IP20; MANUF P/N: T7DU4.0	No	6		

902	0580257	RELAY: TYPE: CONTROL; COIL VOLTAGE: 24 VDC; CONTACT ARRANGEMENT: 3; CONTACT RATING: 20 A; ACTION: 3PDT; TERMINAL: PLUG IN; MOUNT: SOCKET; ENCLOSURE RATING: IP20; CONTACT MATERIAL: AG/NI; MANUF P/N: 55.33.9.024.0090	No	6		
903	0580258	RELAY: TYPE: INTERFACE MODULE; COIL VOLTAGE: 24 VDC; CONTACT ARRANGEMENT: 1; CONTACT RATING: 6 A; ACTION: SPDT; TERMINAL: SCREWLESS; MOUNT: RAIL; ENCLOSURE RATING: IP20; CONTACT MATERIAL: AG/NI; MANUF P/N: 38.61.7.024.0050	No	6		
904	0626215	RELAY: TYPE: GENERAL PURPOSE; COIL VOLTAGE: 24 VDC; CONTACT ARRANGEMENT: PRE-CONFIGURED; CONTACT RATING: 8 A; ACTION: (2) DPDT; TERMINAL: CONTACT PIN; MOUNT: 5 MM FLUSH; ENCLOSURE RATING: OPEN; CONTACT MATERIAL: AGNI; SUPPL P/N: 41.52.9.024.0010	No	6		
905	0580259	CONVERTER: TYPE: DC/DC; INPUT: 18-36 VDC; OUTPUT: 24 VDC 400 MA 100 W; APPLICATION: DIESEL GENERATOR; RATING: 24 V 75 W; MANUF P/N: HDD100-24S24T	No	4		
906	0580260	CONVERTER: TYPE: ANALOG SIGNAL; INPUT: 4-20 MA; OUTPUT: 4-20 MA; APPLICATION: DIESEL GENERATOR; RATING: 24 VDC; MANUF P/N: 1SVR011718R2500; 3 WAY ELECTRICAL ISOLATION	No	6		
907	0580261	BREAKER, CIRCUIT: POTENTIAL: 400V/690VAC/375VDC; CURRENT: 100 A; POLE: 3; WIDTH: 82.5 MM; HEIGHT: 95 MM; TYPE: MINIATURE; INTERRUPT CAPACITY: 50 KA; MANUF P/N: S803S-C100	No	6		
908	0580262	BREAKER, CIRCUIT: POTENTIAL: 240V/400VAC; CURRENT: 2 A; POLE: 1; TEMPERATURE RATING: -25 TO 55 DEG C; WIDTH: 17.5 MM; HEIGHT: 88 MM; TYPE: MINATURE; INTERRUPT CAPACITY: 6 KA; MANUF P/N: S201K2	No	6		
909	0580263	BREAKER, CIRCUIT: POTENTIAL: 230V/400VAC; CURRENT: 6 A; POLE: 1; SPECIFICATION: IEC60898-1; TEMPERATURE RATING: -25 TO 55 DEG C; WIDTH: 17.5 MM; HEIGHT: 88 MM; TYPE: MINATURE; INTERRUPT CAPACITY: 6 KA; MANUF P/N: S201K6	No	7		
910	0580264	BREAKER, CIRCUIT: POTENTIAL: 230V/400VAC; CURRENT: 10 A; POLE: 1; TEMPERATURE RATING: -25 TO 55 DEG C; WIDTH: 17.5 MM; HEIGHT: 88 MM; TYPE: MINATURE; INTERRUPT CAPACITY: 6 KA; MANUF P/N: S201K10	No	6		
911	0580265	BREAKER, CIRCUIT: POTENTIAL: 230/400 VAC; CURRENT: 16 A; POLE: 1; TEMPERATURE RATING: -25 TO 55 DEG C; WIDTH: 17.5 MM; HEIGHT: 88 MM; TYPE: MINATURE; INTERRUPT CAPACITY: 6 KA; MANUF P/N: S201K16	No	7		
912	0580266	BREAKER, CIRCUIT: POTENTIAL: 230/400 VAC; CURRENT: 20 A; POLE: 1; TEMPERATURE RATING: -25 TO 55 DEG C; WIDTH: 17.5 MM; HEIGHT: 88 MM; TYPE: MINATURE; INTERRUPT CAPACITY: 6 KA; MANUF P/N: S201K20	No	6		
913	0580267	BREAKER, CIRCUIT: POTENTIAL: 230V/400VAC; CURRENT: 32 A; POLE: 1; SPECIFICATION: IEC60898-1; TEMPERATURE RATING: -25 TO 55 DEG C; WIDTH: 17.5 MM; HEIGHT: 88 MM; TYPE: MINATURE; INTERRUPT CAPACITY: 6 KA; MANUF P/N: S201K32	No	5		

914	0580268	BREAKER, CIRCUIT: POTENTIAL: 400 VAC; CURRENT: 2 A; POLE: 3; SPECIFICATION: IEC60898-1; WIDTH: 52.5 MM; HEIGHT: 88 MM; TYPE: MINATURE; INTERRUPT CAPACITY: 6 KA; MANUF P/N: S203K2	No	11		
915	0580269	BREAKER, CIRCUIT: POTENTIAL: 400 V; CURRENT: 6 A; POLE: 3; WIDTH: 52.5 MM; HEIGHT: 88 MM; TYPE: MINATURE; INTERRUPT CAPACITY: 6 KA; MANUF P/N: S203K6	No	8		
916	0580270	BREAKER, CIRCUIT: POTENTIAL: 400 V; CURRENT: 16 A; POLE: 3; TEMPERATURE RATING: -25 TO 55 DEG C; WIDTH: 52.5 MM; HEIGHT: 88 MM; TYPE: MINATURE; INTERRUPT CAPACITY: 6 KA; MANUF P/N: S203K16	No	7		
917	0626247	RELAY, CONTROL: CONTACT RATING: 10 A; CONTACT ARRANGEMENT: 1NC; COIL VOLTAGE: 240 VAC; ACTION: 3PDT; MOUNT: BASE; TERMINAL: 11 PIN; CONTACT MATERIAL: SILVER; SUPPL P/N: MK3P5-S-AC240	No	6		
918	0580271	RELAY, CONTROL: CONTACT RATING: 10 A; CONTACT ARRANGEMENT: 1NC; COIL VOLTAGE: 240 VAC; ACTION: 3PDT; MOUNT: BASE; TERMINAL: 11 PIN; CONTACT MATERIAL: SILVER; SUPPL P/N: MK3P5-S-AC240	No	5		
919	0580272	TRANSDUCER: TYPE: CURRENT; INPUT: 0-11A AC/DC; OUTPUT: 0-20 MA; POWER SOURCE: 20-30 VDC; MANUF P/N: 337-2718	No	12		
920	0644845	MODULE: TYPE: DIODE; POWER SOURCE: 400 V 70 A; SUPPL P/N: 395-9163	No	6		
921	0644882	FAN, ELECTRIC: TYPE: FILTER; SIZE: SQ 152 X THK 89 MM; POTENTIAL: 220 VDC 22 W; CURRENT: 0.4 A; VOLUME RATING: 67 M3/HR; DIRECTION: BLOWING; SUPPL P/N: GHV1500220	No	7		
922	0644793	FILTER, AIR: TYPE: REPLACEMENT; DIMENSIONS: SQ 4.5 X THK 0.5 MM; MATERIAL: POLYESTER; SHAPE: SQ; SUPPL P/N: AVAFAGH15	No	6		
923	0580274	DIODE, LIGHT EMITTING: DIMENSIONS: 10X10X25 MM; SHAPE: SQUARE; COLOR: RED; INDUSTRY STANDARD: KA2-2021; POTENTIAL: 24 VDC; CURRENT: 15 A; MANUF P/N: 1SFA61692R2021	No	7		
924	0580275	DIODE, LIGHT EMITTING: DIMENSIONS: 10X10X25 MM; SHAPE: SQUARE; COLOR: WHITE; INDUSTRY STANDARD: KA2-2025; POTENTIAL: 24 VDC; CURRENT: 15 A; MANUF P/N: 1SFA616921R2015	No	6		
925	0580276	LIGHT-SWITCH: TYPE: ON/OFF; MANUF P/N: CA10 A201 620 FT2; WITH 60 DEG SWITCHING; CURRENT: 20 AMPERE; POTENTIAL: 690 VOLT	No	5		
926	0580277	LIGHT-SWITCH: TYPE: ON/OFF; MANUF P/N: CA10 A205 620 FT2; REFERENCE NO: SOV7500; WITH 30 DEG SWITCHING; CURRENT: 20 AMPERE; POTENTIAL: 690 VOLT	No	11		
927	0644846	PUSH BUTTON: TYPE: NON ILLUMINATED TWIST RELEASE; SUPPL P/N: MPMT3-10R	No	8		
928	0654179	RESISTOR: MATERIAL: SS ALLOY; SUPPL P/N: RP9G109SR1B	No	7		
929	0654183	HEATER: TYPE: ANTI-CONDENSATION; POTENTIAL: 100-240 VAC; SUPPL P/N: 118312	No	6		
930	0644880	BREAKER, CIRCUIT: SWITCHGEAR DESIGN: UNIVERSAL INDOOR; POTENTIAL: 12 KV; CURRENT: 630 A; SHORT TIME CURRENT: 20 KA; POLE: 1; CONTROL VOLTAGE: 24 VDC; POINT ON WAVE: 0.2-16 A; CREEPAGE: 120 MM; BASIC INSULATION LEVEL: 75 KV; INSULATION MATERIAL: VACUUM; OPERATING CONTROL TYPE: CONTROL MODULE AND MONOSTABLE MAGNETIC ACTUATOR; POLLUTION CLASS: 2; APPLICATION: DIESEL GENERATOR; SUPPL P/N: ISM/TEL12-20/630-089	No	5		
931	0644844	MODULE: TYPE: CONTROL MODULE; APPLICATION: BASIC FUNCTIONALITY; SUPPL P/N: CM/TEL24/60-12-01A	No	12		

932	0654186	TRANSFORMER, CURRENT: CURRENT: 500-1 A; CORE TYPE: RING; CLASS: 10P10; SUPPL P/N: 121803	No	6		
933	0623340	BREAKER, CIRCUIT: POTENTIAL: 230-400 VAC; CURRENT: 20 A; POLE: 3; CLASSIFICATION: INDOOR APPLICATION; FRAME: D; TEMPERATURE RATING: -25 TO 60 DEG C; WIDTH: 52.5 MM; LENGTH: 83 MM; HEIGHT: 70 MM; COLOR: WHITE; TYPE: MINIATURE; MOUNT: DIN RAIL; INTERRUPT CAPACITY: 10 KA; SUPPL P/N: NDN320A; SPECIFICATION: MCB3P-10KAD20A-3M	No	7		
934	0643550	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 420 VAC; CONNECTION TYPE: SLOTTED; DIMENSIONS: DIA 22 X LG 58 MM; TYPE: STRIKER PIN; STANDARD: 422200; MANUF P/N: 0643550; SUPPL P/N: FUS7	No	6		
935	0643557	FUSE, CARTRIDGE: CURRENT: 160 A; TYPE: STRIKER PIN; SPECIFICATION: DIN NH/00 381075; SUPPL P/N: FUS47	No	7		
936	0643551	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 500 V; CONNECTION TYPE: SLOTTED; DIMENSIONS: DIA 10 X LG 38 MM; INTERRUPT CAPACITY: 120 KA; TYPE: DROPPING DIODE; SUPPL P/N: FUS094M	No	6		
937	0643562	THYRISTOR: SUPPL P/N: STACKFAN00	No	5		
938	0643561	DIODE: PART NO: DD-FAN	No	11		
939	0643558	FAN: TYPE: CUBICLE; SUPPL P/N: FAN15; REFERENCE NO: FK7726.230VAC-1610CUM/HR	No	8		
940	0580242	PROTECTOR: TYPE: DC SURGE ARRESTOR; MANUF P/N: BR5-24V; ELECTRICAL RATING: 24V	No	7		
941	0251984	RECTIFIER: TYPE: BRIDGE; POTENTIAL: 24 VDC; CURRENT: 25 A; INDUSTRY STANDARD: KBPC25-10; REFERENCE NO: BRID010M; SPARE FOR 24V AT 600A UNIT BATTERY CHARGER (6V 024600A06)	No	6		
942	0641872	CONTACTOR: TYPE: AC MAGNETIC; LINE VOLTAGE: 220 VAC; COIL VOLTAGE: 24 VDC; CURRENT: 100 A; POLE: 3; ENCLOSURE RATING: OPEN; SUPPL P/N: CON47	No	5		
943	0608174	BOARD, PRINTED CIRCUIT: TYPE: CHARGE POWER RXPE; OEM P/N: SP223- 24V; CARD STATIC; APPLICATION: DROPPING DIOD CONTROL	No	12		
944	0248218	MODULE: TYPE: LOW VOLTAGE; INPUT: 220 VAC; OUTPUT: 24 V; POWER SOURCE: 24 VDC; APPLICATION: ALLIED CHARGER; SUPPL P/N: SP300-32; FOR USE ON 24 V AT V100A	No	6		
945	0608178	BOARD, PRINTED CIRCUIT: TYPE: CHARGE POWER RXPE; OEM P/N: SP312- 24V; APPLICATION: POWER SUPPLY	No	7		
946	0608175	BOARD, PRINTED CIRCUIT: TYPE: CHARGE POWER RXPE; OEM P/N: SP300- 1; CARD STATIC; APPLICATION: AUTO BOOST FAIL; SERIAL NUMBER 6V024100A12/112/0087-1-6; SUPPLIERS TO SUBMIT DATA SHEET WHEN RESPONDING TO RFQ	No	6		
947	0608172	BOARD, PRINTED CIRCUIT: TYPE: CHARGE POWER RXPE; OEM P/N: SP 300-2; CARD STATIC	No	7		
948	0643552	MODULE: TYPE: CONVERTER; RS232/485	No	6		
949	0643560	DIODE: SUPPL P/N: 8881152	No	5		
950	0643559	THERMOSTAT: TYPE: FAN CONTROLLER; SUPPL P/N: OW-970	No	11		

951	0644885	SWITCH, LEVEL: CURRENT: 2-3 A; CONTACT ARRANGEMENT: 1NC 1NO; CLASSIFICATION: II2G EX D IIB T4 GB; SUPPL P/N: FD7DFU4S441030KL; REFERENCE NO: CO8287; RANGE: 20-70 DEGREE CENTIGRADE; POTENTIAL: 250 VOLT ALTERNATING CURRENT; ACTION: SPDT; POWER: 20 WATT; METHOD OF ACTUATION: RELAY	No	8		
952	0644888	TRANSMITTER, LEVEL: RANGE: 265-4000 MA; OUTPUT: 4-20 MA; SUPPLY: 12-50 VDC; WORKING PRESSURE: 3000 KPA; SUPPL P/N: NMC-T21G6E3Y; REFERENCE NO: 341-140008; CONNECTION: G1 IN	No	7		
953	0644883	SWITCH, LEVEL: CURRENT: 1 A; CONTACT ARRANGEMENT: 1NC 1NO; SUPPL P/N: FDMH16; RANGE: -10 TO 120 DEGREE CENTIGRADE; POTENTIAL: 240 VOLT ALTERNATING CURRENT; ACTION: SPST; POWER: 50 WATT; METHOD OF ACTUATION: FLOAT	No	6		
954	0580237	KIT: TYPE: RECTIFIER SERVICE; APPLICATION: DIODE SET WITH SURGE SUPPRESSORS; MANUF P/N: RSK6001	No	5		
955	0580240	REGULATOR, VOLTAGE: POTENTIAL: 180 VDC; CURRENT: 6 A; PHASE: 3; MANUF P/N: E000-13300; REFERENCE NO: MA330	No	12		
956	0644795	FILTER, ELEMENT: TYPE: FUEL; DIMENSIONS: DIA 16 X LG 13 MM; MATERIAL: PAPER; FILTERING RETENTION: 50 UM; SUPPL P/N: 31845301	No	6		
957	0644794	FILTER, ELEMENT: TYPE: AIR; DIMENSIONS: DIA 10 X THK 5 MM; MATERIAL: STL; FILTERING RETENTION: 10 UM; SUPPL P/N: 925105	No	6		
958	0580243	MOTOR: TYPE: STARTER DC; MANUF P/N: X52417200007	No	6		
959	0644867	BELT: TYPE: GEN SET RADIATOR; WIDTH: 10 MM; LENGTH: 15 M; THICKNESS: 4 MM; MATERIAL: RUBBER; COMMERCIAL SIZE: 8PK 1050LB; COLOR: BLACK	No	6		
960	0708224	ACTUATOR, MECHANICAL: TYPE: THERMAL; STROKE LENGTH: 217 MM; DRIVE TYPE: PNEUMATIC; MOUNTING FACILITY: VERTICAL; APPLICATION: RESERVE DIESEL GENERATOR; MANUF P/N: FS65; REFERENCE NO: FAC 4611; THE FIRE SAFETY; RESERVE TANK SHUT OFF VALVE; WS3 QUARTZOID BULB LINK	No	3		
					Final Summary Total (Excl VAT)	

CONTRACT NUMBER _____

The total of the Prices

Part 3: Scope of Work

Document reference	Title	No of pages
	This cover page	1
C3.1	*Purchaser*'s Goods Information	
C3.2	*Supplier*'s Goods Information	
	Total number of pages	

C3.1: *Purchaser's* Goods Information

Contents

When the document is complete, insert a 'Table of Contents'. To do this go to: Reference, → Table of Contents. Three levels and the title (but not the subtitle) may be shown if the formats used in this template are retained. Alternatively, just update the table below when the drafting of the Goods Information is complete by clicking on 'References' then 'Update Table' then 'Update entire table'

Part 3: Scope of Work **Error! Bookmark not defined.**
C3.1: *Purchaser's* Goods Information 2
1 Overview and purpose of the *goods* and *service*s 4
2 Specification and description of the *goods* 4
2.1 *Purchaser*'s design ... 4
2.2 Procedure for submission and acceptance of *Supplier*'s design ... 4
2.3 Other requirements of the *Supplier*'s design ... 4
2.4 Use of *Supplier*'s design ... 4
2.5 Manufacture & fabrication ... 4
2.6 Factory acceptance testing (FAT) ... 4
2.7 Other tests and inspections and commissioning in place of use ... 4
2.8 Operating manuals and maintenance schedules ... 5
3 Supply Requirements 5
4 Specification of the *service*s to be provided 5
5 Constraints on how the *Supplier* Provides the Goods 5
5.1 Programming constraints ... 5
5.2 Work to be done by the Delivery Date ... 5
5.3 Marking the *goods* ... 6
5.4 Constraints at the delivery place and place of use ... 6
5.5 Cooperating with Others ... 6
5.6 Services & other things to be provided by the *Purchaser* or *Supplier* ... 6
5.7 Management meetings ... 6
5.8 Documentation control ... 7
5.9 Health and safety risk management ... 7
5.10 Environmental constraints and management ... **Error! Bookmark not defined.**
5.11 Quality ... 8
5.12 Invoicing and payment ... 8
5.13 Insurance provided by the *Purchaser* ... 9
5.14 Contract change management ... 9
5.15 Provision of bonds and guarantees ... 10
5.16 Records of Defined Cost, payments & assessments of compensation events to be kept by the *Supplier* ... 10
6 Procurement 10
6.1 Subcontracting ... 10
6.1.1 Preferred subcontractors 10
6.1.2 Limitations on subcontracting 10
6.1.3 Spares and consumables 10

6.1.4 Other requirements related to procurement 10
6.1.5 Cataloguing requirements 10
7 List of drawings 11
7.1 Drawings issued by the *Purchaser* 11
C3.2 *Supplier*'s Goods Information 12

1. Overview and purpose of the *goods* and *service*s

Supply and Delivery of Electrical General Consumable Spares at Kusile Power Station on "As and when required" basis for the period of five (5) years.

2. Specification and description of the *goods*

The scope of work consists of the supply and delivery of Electrical General Consumable Spares at Kusile Power Station as per the attached detailed item list.

The Spares will be required on an "as and when required" basis (as per the attached list)

The scope is based on a pre-approved stock description per item. Quantities can increase or decrease due to usage but does not entail a change of the original scope.

Product will be quality checked on receipt. If not according to specifications, the item will be rejected and returned to the supplier and the Material Discrepancy Advise Form will be sent to the Supplier.

The Supplier will be subjected to periodic audits by the Purchaser to ensure Compliance with the system. Any deviations will be corrected to the Purchaser's satisfaction.

2.1 Purchaser's design

The material description and long text are in the Appendix A

2.2 Procedure for submission and acceptance of *Supplier*'s design

In case of spares being obsolete, the supplier must send the new datasheet with the specifications to the supply manager for review and approval before delivery of spare on site.

2.3 Other requirements of the *Supplier*'s design

N/A

2.4 Use of *Supplier*'s design

N/A

2.5 Manufacture & fabrication

N/A

2.6 Factory acceptance testing (FAT)

N/A

2.7 Other tests and inspections and commissioning in place of use

N/A

2.8 Operating manuals and maintenance schedules

- Material (TEST) certificates as well as complete data packs will be submitted with all the Electrical Spare Consumables delivered to site.

3 Supply Requirements

The Supply Requirements for this contract are in an Annexure to the Contract Data provided by the *Purchaser*.

4 Specification of the *service*s to be provided

.

Refer to the Kusile Power Station Electrical General Consumable Spares Supply and Delivery Scope of Work and all the documents to which it makes reference to

5 Constraints on how the *Supplier* Provides the Goods

5.1 Programming constraints

No programming required

5.2 Work to be done by the Delivery Date

The supplier will provide the following documentation when delivering the goods

-The Supplier must provide a full technical description of all the goods supplied under this contact.

- Delivery packaging shall include as a minimum the following details

* Purchase order Number
* Part description and part Number
* Eskom SAP Material Number
* Drawing Number, where applicable
* Physical address of Kusile Power Station and the Supplier
* Contact details of the Supplier
* Delivery note number

5.3 Marking the *goods*

If this contract requires the *goods* be paid for before they are brought within the Delivery Place, core clause 71.1 requires that the Goods Information state how the *Supplier* is to "mark" the *goods*

5.4 Constraints at the delivery place and place of use

The Supplier must contact the supply manager prior to making a delivery.

5.5 Cooperating with Others

The supplier Co – operates with others in obtaining and providing information which they need in connection with the goods and services.

5.6 Services & other things to be provided by the *Purchaser* or *Supplier*

Refer to the Kusile Power Station Electrical General Consumable Spares Supply and Delivery Scope of Work and all the documents to which it makes reference to.

5.7Management meetings

5.8 The *conditions of contract* (e.g. Clause 16.2) require, and other sections of the Goods Information (e.g. safety risk management) may require (mandate) that a meeting shall be held. However, the intention of all NEC contracts is that the Parties and their agents use the techniques of partnering to manage the contract by holding meetings designed to pro-actively and jointly manage the administration of the contract with the objective of minimising the adverse effects of risks and surprises for both Parties.

5.9 Depending on the complexity of the *goods*, it is probably beneficial for the *Supply Manager* to hold a regular risk register meeting (Clause 16.2). This could be used to discuss safety, compensation events, subcontracting, overall co-ordination and other matters of a general nature. Separate meetings for specialist activities such as programming, engineering and design management, may also be warranted.

5.10 Describe here the general meetings and their purpose. Provide particulars of approximate times, days, location, and attendance requirements, stipulating that attendees shall have the necessary delegated authority to make decisions in respect of matters raised at such meetings.

5.11 The right to hold specialist meetings should be stated generically and in such a way that ambiguity with other parts of the Goods Information is avoided.

5.12 The following text could be used as a model for this section:

5.13

Regular meetings of a general nature may be convened and chaired by the *Supply Manager* as follows:

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	Weekly on _____ at ___	Kusile Power Station/ MS Teams	Purchaser, Supplier and other Key Stakeholders
Overall contract progress and feedback	Monthly on _____ at ___	Kusile Power Station/ MS Teams	Purchaser, Supplier and other Key Stakeholders
Contract Kick - off	Once - off	Kusile Power Station/ MS Teams	Purchaser, Supplier and other Key Stakeholders

Meetings of a specialist nature may be convened as specified elsewhere in this Goods Information or if not so specified by persons and at times and locations to suit the Parties, the nature and the progress of the manufacture of the *goods*. Records of these meetings shall be submitted to the *Supply Manager* by the person convening the meeting within five days of the meeting.

All meetings shall be recorded using minutes or a register prepared and circulated by the person who convened the meeting. Such minutes or register shall not be used for the purpose of confirming actions or instructions under the contract as these shall be done separately by the person identified in the *conditions of contract* to carry out such actions or instructions.

5.14 Documentation control

The Supplier and the purchaser must all keep the records of documentation of this transaction

5.15 Health and safety risk management

The *Supplier* shall comply with the health and safety requirements contained in the Kusile Power Sation OHS Specification for the Supply and delivery of Electrical General Consumable Spares Document Identifier KUS-20240928 Rev 1.

5.16 Quality

Commented [TS1]: We will review this part when QA provide the requirement specifically for this transaction before we submit, this was meant for VSD

It is important for all Eskom contractors to meet the minimum requirements of ISO 9001 Quality Management System to maintain high standards of products or services rendered to Eskom.

It is therefore important that the contractor demonstrate commitment to the development, implementation and maintenance of its Quality Management System that complies with the ISO 9001:2015 requirements.

This work falls under Category 4 of the Quality Requirements. The supplier is therefore required to submit the following documents and evidence:

SECTION A: Quality Management System Requirements ISO 9001

A.1 QMS Manual or a document that defines and describes the QMS and its scope.

A.2 Quality Policy Approved by top management.

A.3 Quality Objectives Approved by top management.

SECTION B: Evidence of QMS in operation

B.1 Documented information for defined roles, responsibilities and authorities.

B.2 Documented information for Control of Externally Provided Processes, Products and Services

SECTION E:

E.1 Completed and Signed Form A

5.17 Invoicing and payment

Within one week of receiving a payment certificate from the *Supply Manager* in terms of core clause 51.1, the *Supplier* provides the *Purchaser* with a tax invoice showing the amount due for payment equal to that stated in the *Supply Manager's* certificate.

The *Supplier* shall address the tax invoice to _ invoiceseskomlocal@eskom.co.za and include on it the following information:

Name and address of the *Supplier* and the *Supply Manager.*

Eskom Holdings SOC Ltd

Finance Department (Account Payable Section)

Kusile Power Station

Hartebeesfontein Farm R545

Kendal/Balmoral Road WITBANK

- Name and address of the Supplier and the Supply Manager
- The contract number and title;
- Supplier's VAT registration number.
- The Purchaser's VAT registration number 4740101508.
- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT.
- (add other as required)

Procedure for invoice submission and payment

- All Electronic invoices must be sent in PDF format only.
- An Invoice that was printed and then scanned to PDF by the Vendor is not acceptable as this is not an original tax invoice by SARS definition but a copy.
- The following wording needs to appear on the invoice: "Your invoice is encrypted in order to comply with SARS requirements that invoices, and statements sent electronically are tamperproof."
- All queries and follow up on invoice payments should made by contacting the FSS Contact Centre: Tel: 011 800 5060 or email:fss@eskom.co.za

5.18 Insurance provided by the *Purchaser*

First read SC3 Core Clause 84.1 and then add anything necessary for the management of insurance related issues such as a cross reference to where procedures for making claims can be found. Also provide contact details for persons capable of being able to answer any insurance related queries the *Supplier* may have, as well as to whom the information required by any Marine Insurance may be addressed.

5.19 Contract change management

This section is intended to deal with any additional requirements to the compensation event clauses in section 6 of the core clauses, such as the use of standard forms. Not the same thing as documentation control.

5.20 Provision of bonds and guarantees (N/A)

5.21 Records of Defined Cost, payments & assessments of compensation events to be kept by the *Supplier*

The *supplier* must keep all the records of documentation as stated in this section and make them available as and when required by the *purchaser.*

6 Procurement

6.1 Subcontracting

6.1.1 Preferred subcontractors

TBC

6.1.2 Limitations on subcontracting

TBC

6.1.3 Spares and consumables

Spares list shall be a live document such that changes to the list will be submitted to the Supply manager for review and approval

6.1.4 Other requirements related to procurement

TBC

6.1.5 Cataloguing requirements by the *Supplier*

Section C2.2 list all the spares to be procured under this scope of work. If DCFs exists they will be provided to assist the *Supplier* with information for all spares to be procured. Each spare is identifiable by means of component/plant description, OEM and/or OEM Part number. Where the information available on the spares list in section C2,2 or that supplied by materials management as catalogued is not sufficient to positively identify the applicable spare, the *Supplier* shall notify the *Purchaser* such that the *Purchaser* can assist the *Supplier* in identifying the correct spare.

The spares to be provided to be the same as the original component, in all technical respects, as those utilised on the equipment it is intended for. This includes, but is not limited to, design (including dimensions and material specifications) and manufacturing (including manufacturing processes, standards, and acceptance testing).

7 List of drawings

Drawings issued by the *Purchaser*

This is the list of drawings issued by the *Purchaser* at or before the Contract Date and which apply to this contract.

Drawing number	Revision	Title

C3.2 *Supplier*'s Goods Information

This section of the Goods Information will always be contract specific depending on the nature of the *goods* and *service*s.

It is most likely to be required for supply contracts where the tendering supplier will have proposed specifications and schedules for the *goods* and *service*s, which once accepted by the *Purchaser* prior to award of contract now become obligations of the *Supplier* per core clause 20.1.

- As per Employers Specification/ SOW
- All relevant documentations to be handed in as requested from the end user/ Supply Manager

This section could also be compiled as a separate file.