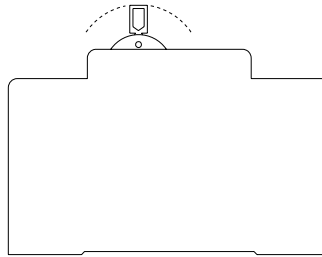


PLAN



FRONT ELEVATION

SAP MATERIAL No.:	0165294
SHORT DESCRIPTION:	CB,MINI 50A 230V 5kA POLE TOP BOX D3083

TECH. DESCRIPTION:


MINIATURE CIRCUIT BREAKER * RATED VOLTAGE : 230V, CURRENT : 50A *
 SINGLE POLE * RATED INTERRUPTING CAPACITY @ 240V A.C. : 5kA *
 USABLE AS A DISCONNECTOR : YES *
 OPERATING MECHANISM : THERMAL / HYDRAULIC MAGNETIC *
 TIME DELAY CURVE : SPECIAL CURVE D / CURVE 1
 (INSTANTANEOUS TRIP AT 14-18 x RATED CURRENT) *
 FOR SAMPLE CURVE REFER TO ESKOM SPEC. SCSSCAAH3 *
 MAX. TRIPPING TIME AT 2 x RATED CURRENT : 100 SEC. *
 DIN RAIL MOUNTED * TEMPERATURE RATING 40 C *
 MAX. HEIGHT : 100mm, MAX. WIDTH : 20mm AND MAX. DEPTH : 70mm *
 PROVISION SHALL BE MADE ON THE TOGGLE OF THE MCB TO ALLOW
 A 2mm DIAMETER WIRE TO BE PASSED THROUGH THE SIDE OF THE
 TOGGLE. THIS WIRE WILL BE USED TO CONNECT THE TOGGLE TO A
 ACTUATING MECHANISM IN THE POLE TOP BOX, TO BE OPERATED
 FROM THE GROUND LEVEL USING A LINK STICK *
 ESKOM DRAWING No. D-DT-3083 *

ITEM	:-	CB,MINI
MATERIAL SPECIFICATION	:-	
CORROSION SPECIFICATION	:-	
STANDARD SPECIFICATION	:-	VC 8036
ESKOM SPECIFICATION	:-	
TEST & CERTIFICATION REQUIREMENTS	:-	VC 8036


INSPECTION	Yes	No	ESKOM RELEASE NOTE	Yes	No
------------	-----	----	--------------------	-----	----

IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS


9	TECH. DESCRIPTIONS CHANGED FOR 5A + 10A LUMINAIRE MCB	P.A.V.	J. MAUDU	G. WHYTE	31.07.2003	
8	STD SPEC CHANGED, SPEC SCSSCAAH3 FOR 50A MCB ONLY AND 420V 5kA MCB'S REMOVED	P.A.V.	T.GILLARD	G. WHYTE	16.10.2002	
7	APPLICATION FOR IV SYSTEMS ADDED,STD. SPEC. CHANGED AND 125A UNIT CHANGED TO 120/125A	P.A.V.	A. ABROSIE	P. CROWDY	12.08.1999	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS

AUTH:	P.CROWDY	DATE:	14.07.1995	SCALE		SAP No:		
				NTS		0165294		
CHKD:	J.SWAN	DATE:	14.07.1995	CAD REF:				
				SERIES 3000	D-DT-3083	SET	SHEET	REV
DRAWN:	P.VERMAAK	DATE:	28.06.1996	FILE No:		3	1	9
				3083				

SPEC SHEET

SAP MATERIAL No.:	0165295								
SHORT DESCRIPTION:	CB,MINI 63A 230V 5kA POLE TOP BOX D3083								
TECH. DESCRIPTION:									
<p>MINIATURE CIRCUIT BREAKER * RATED VOLTAGE : 230V, CURRENT : 63A *</p> <p>SINGLE POLE * RATED INTERRUPTING CAPACITY @ 240V A.C. : 5kA *</p> <p>USABLE AS A DISCONNECTOR : YES *</p> <p>OPERATING MECHANISM : THERMAL / HYDRAULIC MAGNETIC *</p> <p>TIME DELAY CURVE : CURVE D / CURVE 1</p> <p>(INSTANTANEOUS TRIP AT 10-14 x RATED CURRENT) *</p> <p>MAX. TRIPPING TIME AT 2 x RATED CURRENT : 100 SEC. *</p> <p>DIN RAIL MOUNTED * TEMPERATURE RATING 40 C *</p> <p>MAX. HEIGHT : 100mm, MAX. WIDTH : 20mm AND MAX. DEPTH : 70mm *</p> <p>ESKOM DRAWING No. D-DT-3083 *</p>									
SAP MATERIAL No.:	0165298								
SHORT DESCRIPTION:	CB,MINI 120/125A 230V 5kA P/TP BOX D3083								
TECH. DESCRIPTION:									
<p>MINIATURE CIRCUIT BREAKER * RATED VOLTAGE : 230V,</p> <p>CURRENT : 120A OR 125A * SINGLE POLE *</p> <p>RATED INTERRUPTING CAPACITY @ 240V A.C. : 5kA *</p> <p>USABLE AS A DISCONNECTOR : YES *</p> <p>OPERATING MECHANISM : THERMAL / HYDRAULIC MAGNETIC *</p> <p>TIME DELAY CURVE : CURVE 2 / CURVE C</p> <p>(INSTANTANEOUS TRIP AT 5-10 x RATED CURRENT) *</p> <p>DIN RAIL MOUNTED * TEMPERATURE RATING 40 C *</p> <p>MAX. HEIGHT : 130mm, MAX. WIDTH : 30mm AND MAX. DEPTH : 90mm *</p> <p>PROVISION SHALL BE MADE ON THE TOGGLE OF THE MCB TO ALLOW</p> <p>A 2mm DIAMETER WIRE TO BE PASSED THROUGH THE SIDE OF THE</p> <p>TOGGLE. THIS WIRE WILL BE USED TO CONNECT THE TOGGLE TO A</p> <p>ACTUATING MECHANISM IN THE POLE TOP BOX, TO BE OPERATED</p> <p>FROM THE GROUND LEVEL USING A LINK STICK *</p> <p>ESKOM DRAWING No. D-DT-3083 *</p>									
9	TECH. DESCRIPTIONS CHANGED FOR 5A + 10A LUMINAIRE MCB			P.A.V.	J. MAUDU	G. WHYTE	31.07.2003		
8	STD SPEC CHANGED, SPEC SCSSCAAH3 FOR 50A MCB ONLY AND 420V 5kA MCB'S REMOVED			P.A.V.	T.GILLARD	G. WHYTE	16.10.2002		
7	APPLICATION FOR IV SYSTEMS ADDED,STD. SPEC. CHANGED AND 125A UNIT CHANGED TO 120/125A			P.A.V.	A. ABROSIE	P. CROWDY	12.08.1999		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P.CROWDY	DATE:	14.07.1995	SCALE	 D-DT-3083		SAP No:		
CHKD:	J.SWAN	DATE:	14.07.1995	NTS			0165295		
				CAD REF:			0165298		
DRAWN:	P.VERMAAK	DATE:	28.06.1996	SERIES 3000			SET	SHEET	REV
				FILE No:	3	2	9		
				3083					

SPEC SHEET

SAP MATERIAL No.:	0175381								
SHORT DESCRIPTION:	CB,MINI 5A 230V 5kA LUMINAIRE D3083								
TECH. DESCRIPTION: MINIATURE CIRCUIT BREAKER * RATED VOLTAGE : 230V, CURRENT : 5A * SINGLE POLE * RATED INTERRUPTING CAPACITY @ 240V A.C. : 5kA * USABLE AS A DISCONNECTOR : YES * OPERATING MECHANISM : THERMAL / HYDRAULIC MAGNETIC * TIME DELAY CURVE : STANDARD * USED WITH STREET LIGHTING LUMINAIRE (D-DT-3404) * ESKOM DRAWING No. D-DT-3083 *									
SAP MATERIAL No.:	0175383								
SHORT DESCRIPTION:	CB,MINI 10A 230V 5kA LUMINAIRE D3083								
TECH. DESCRIPTION: MINIATURE CIRCUIT BREAKER * RATED VOLTAGE : 230V, CURRENT : 10A * SINGLE POLE * RATED INTERRUPTING CAPACITY @ 240V A.C. : 5kA * USABLE AS A DISCONNECTOR : YES * OPERATING MECHANISM : THERMAL / HYDRAULIC MAGNETIC * TIME DELAY CURVE : STANDARD * USED WITH STREET LIGHTING LUMINAIRE (D-DT-3404) * ESKOM DRAWING No. D-DT-3083 *									
9	TECH. DESCRIPTIONS CHANGED FOR 5A + 10A LUMINAIRE MCB			P.A.V.	J. MAUDU	G. WHYTE	31.07.2003		
8	STD SPEC CHANGED, SPEC SCSSCAAH3 FOR 50A MCB ONLY AND 420V 5kA MCB'S REMOVED			P.A.V.	T.GILLARD	G. WHYTE	16.10.2002		
7	APPLICATION FOR IV SYSTEMS ADDED,STD. SPEC. CHANGED AND 125A UNIT CHANGED TO 120/125A			P.A.V.	A. ABROSIE	P. CROWDY	12.08.1999		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P.CROWDY	DATE:	14.07.1995	SCALE			SAP No:		
				NTS			0175381		
CHKD:	J.SWAN	DATE:	14.07.1995	CAD REF:			0175383		
				SERIES 3000			SET	SHEET	REV
DRAWN:	P.VERMAAK	DATE:	28.06.1996	FILE No:	D-DT-3083		3	3	9
				3083					