

UNIT 1

UNIT 2

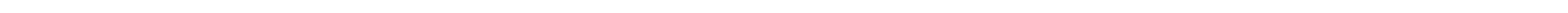
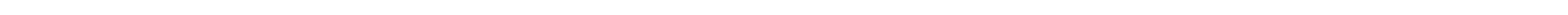
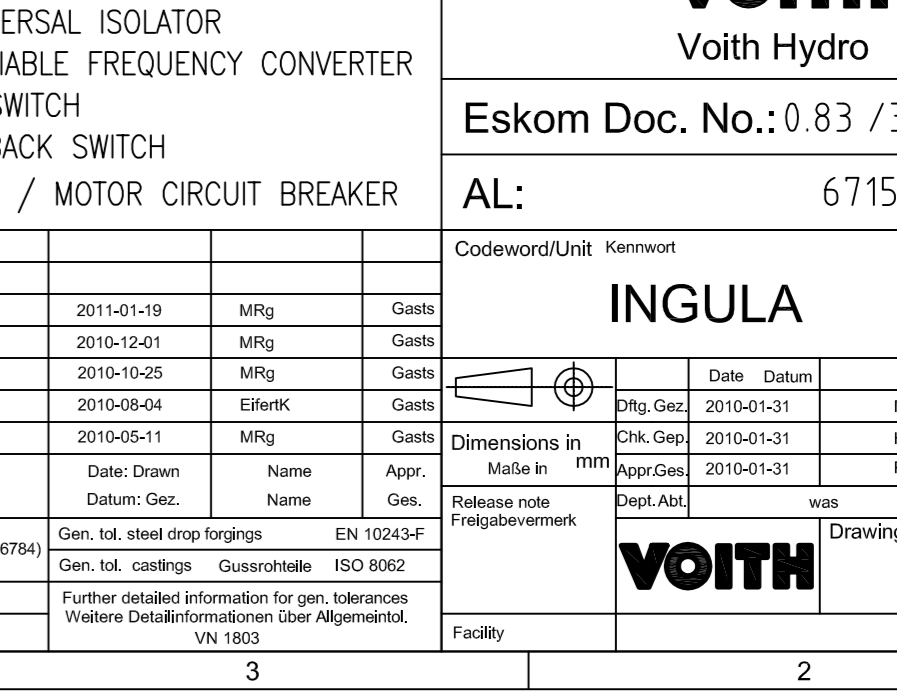
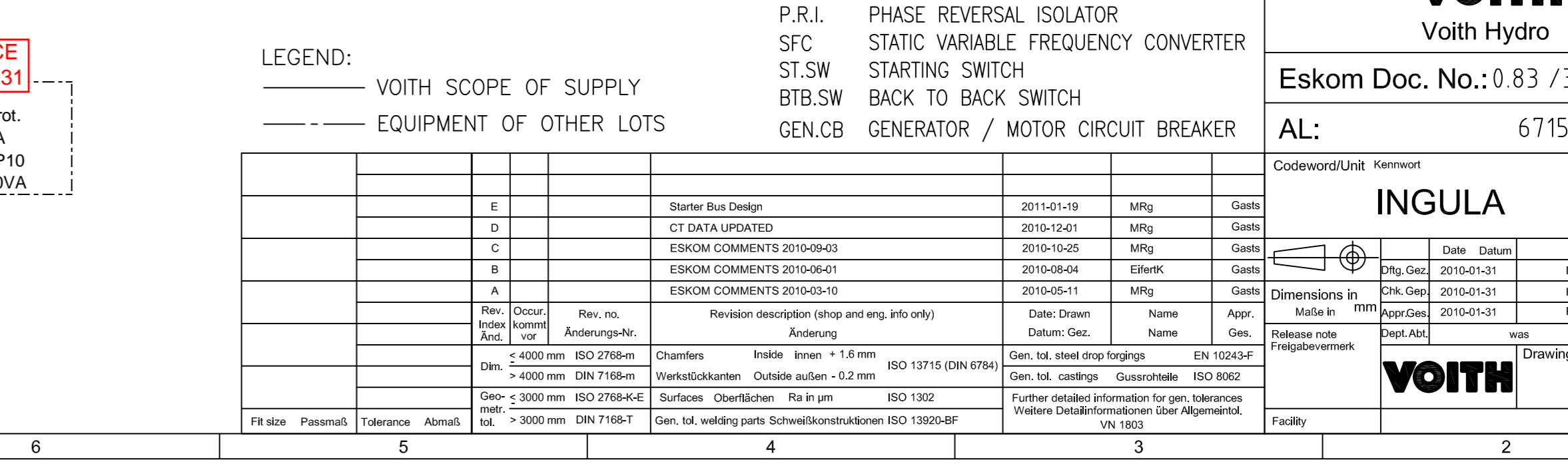
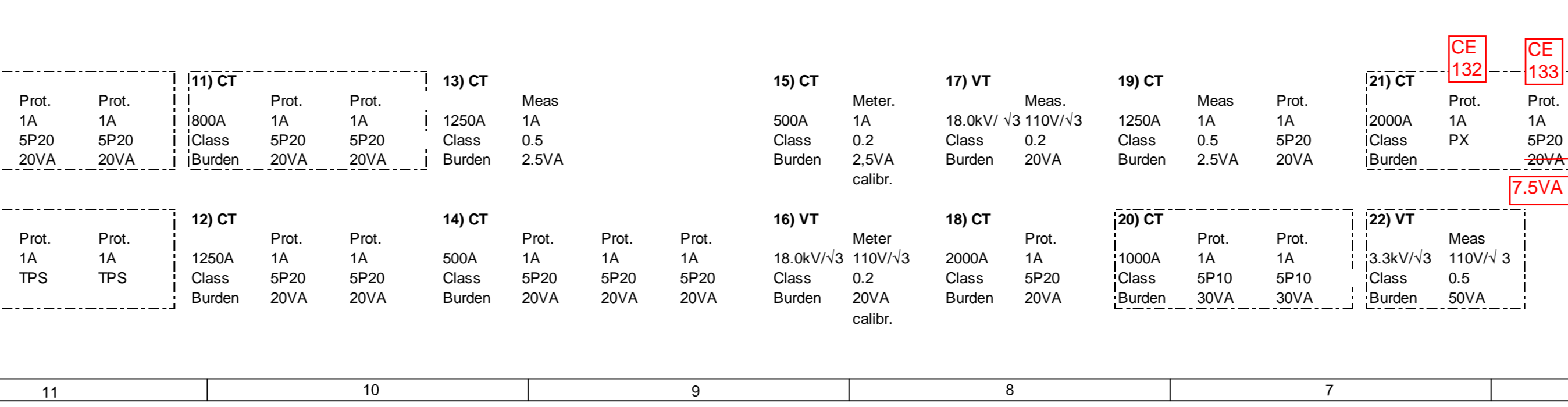
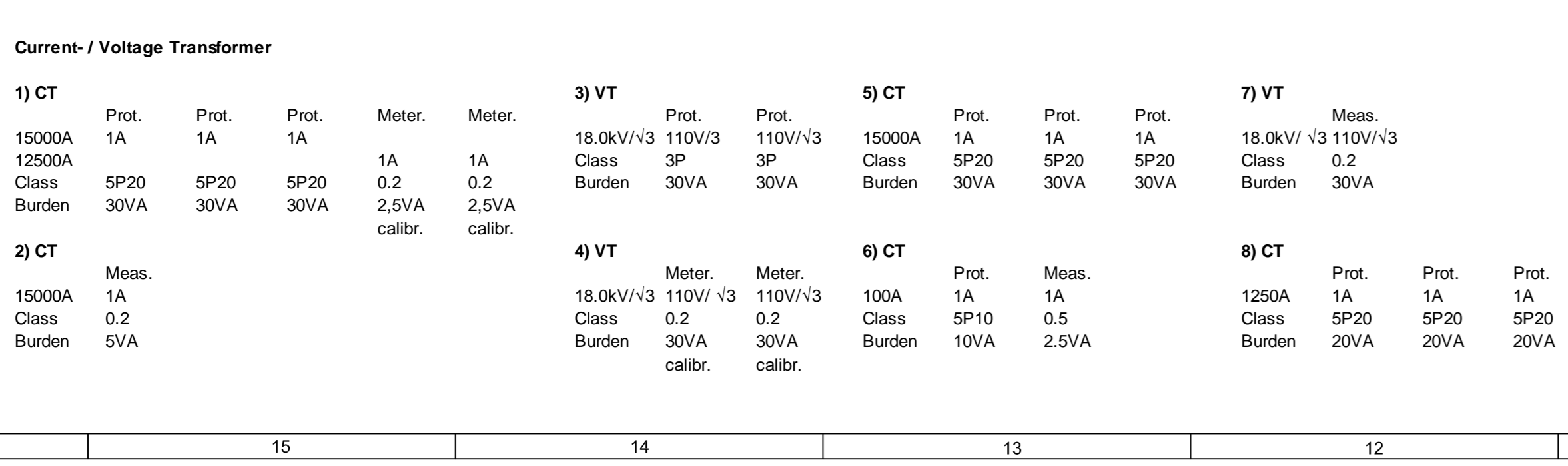
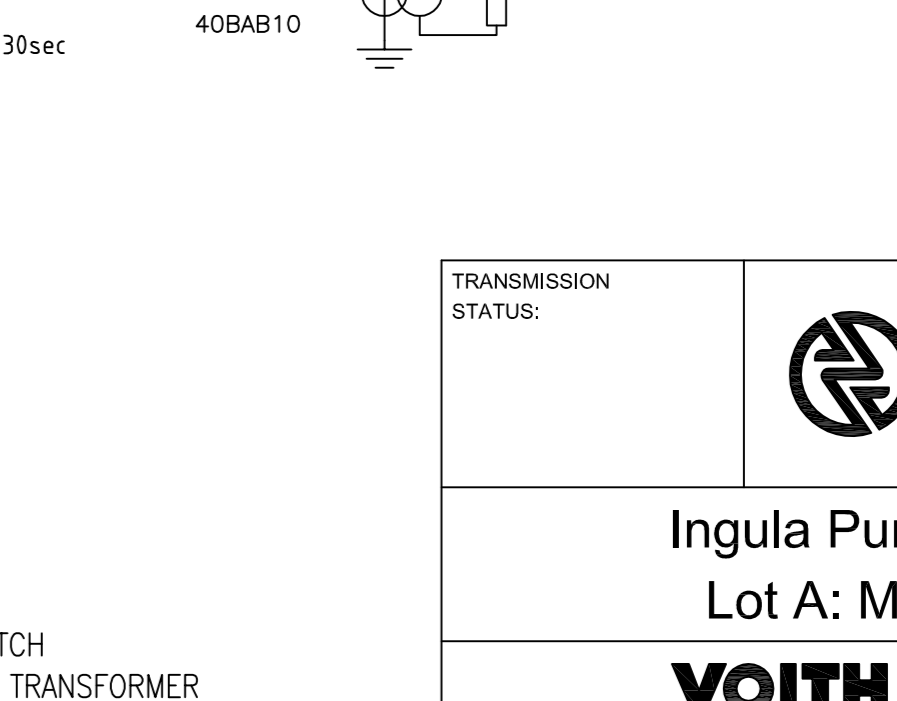
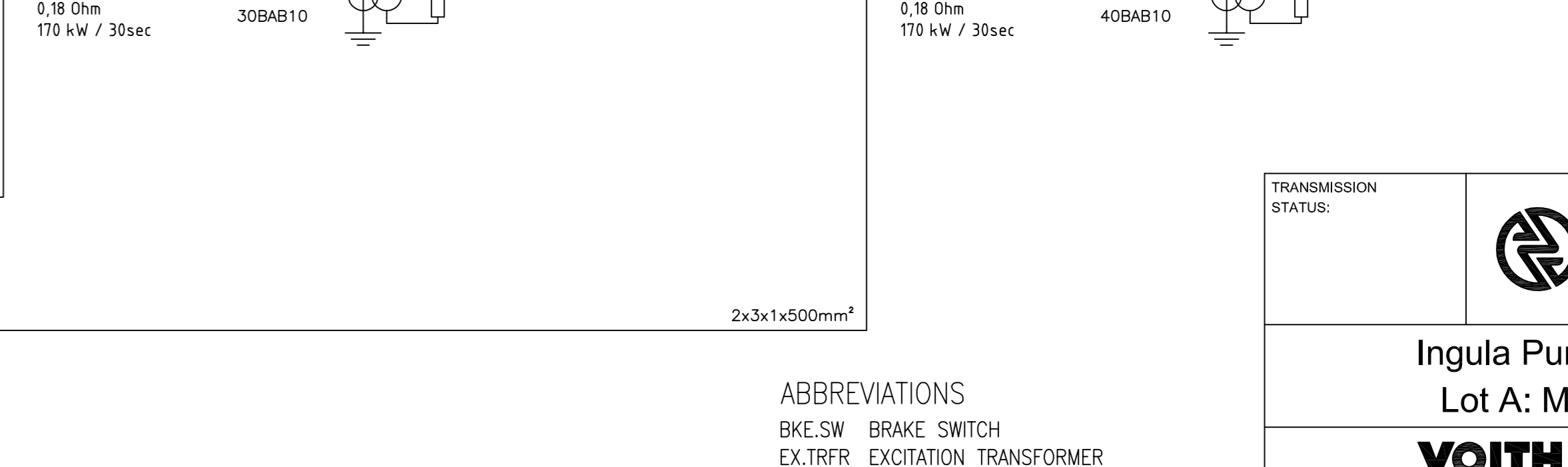
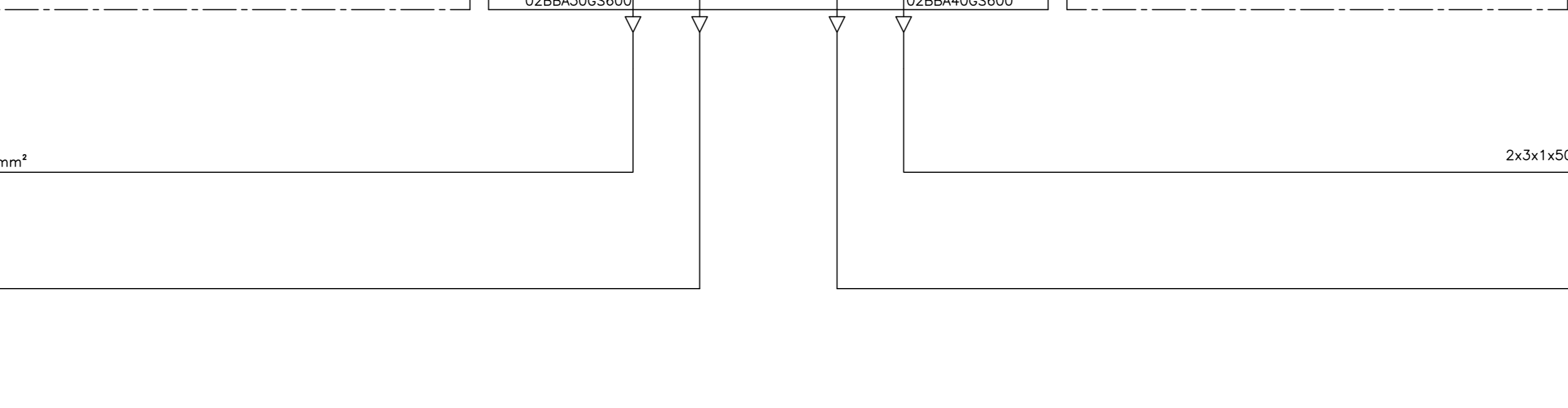
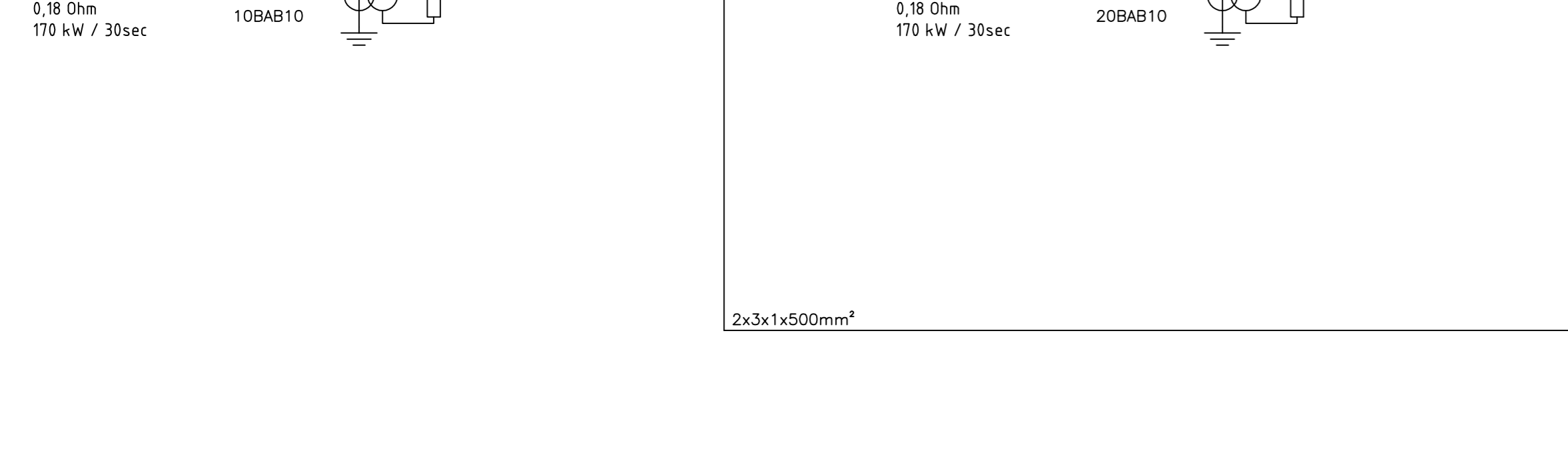
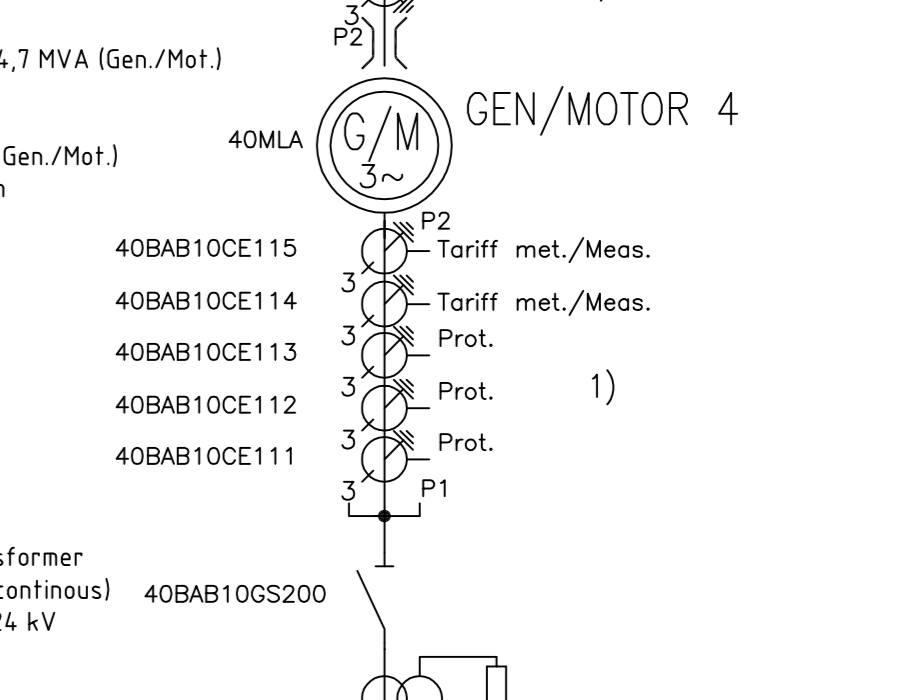
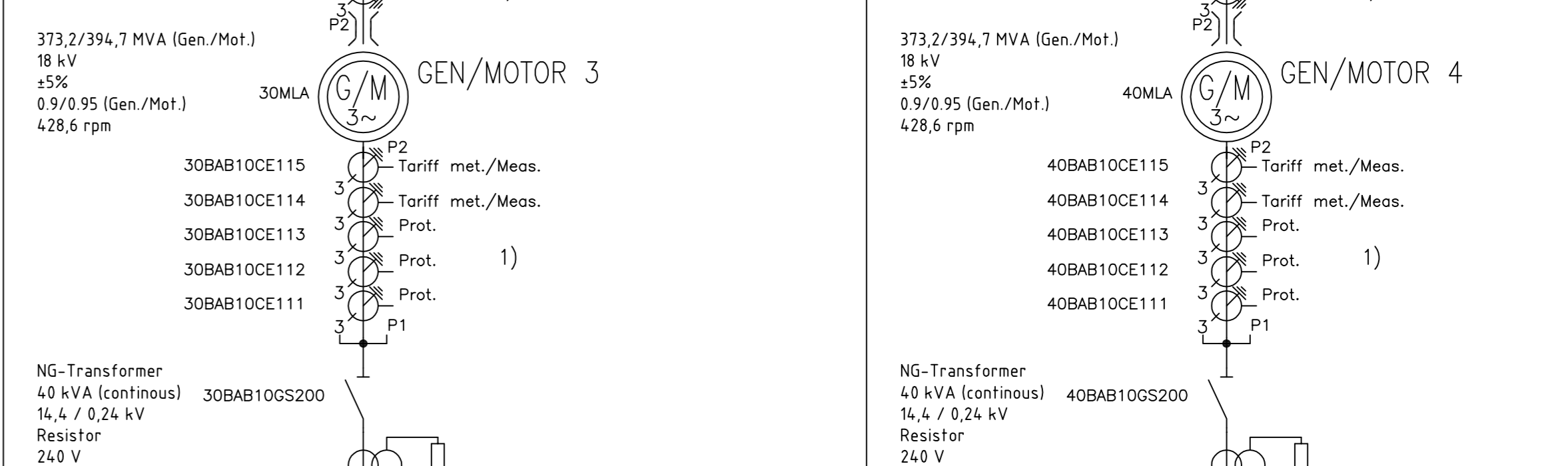
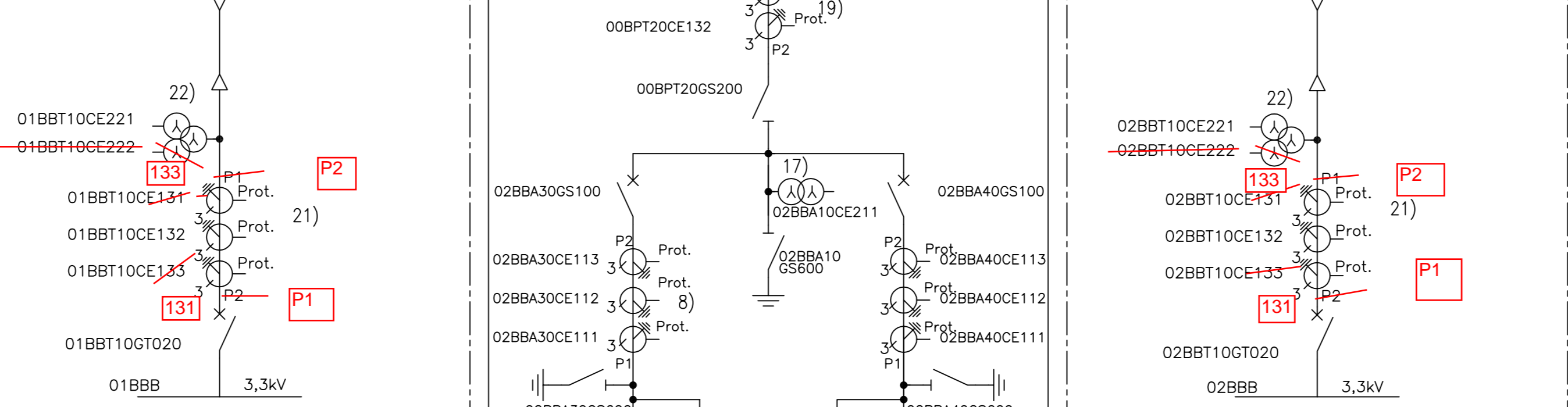
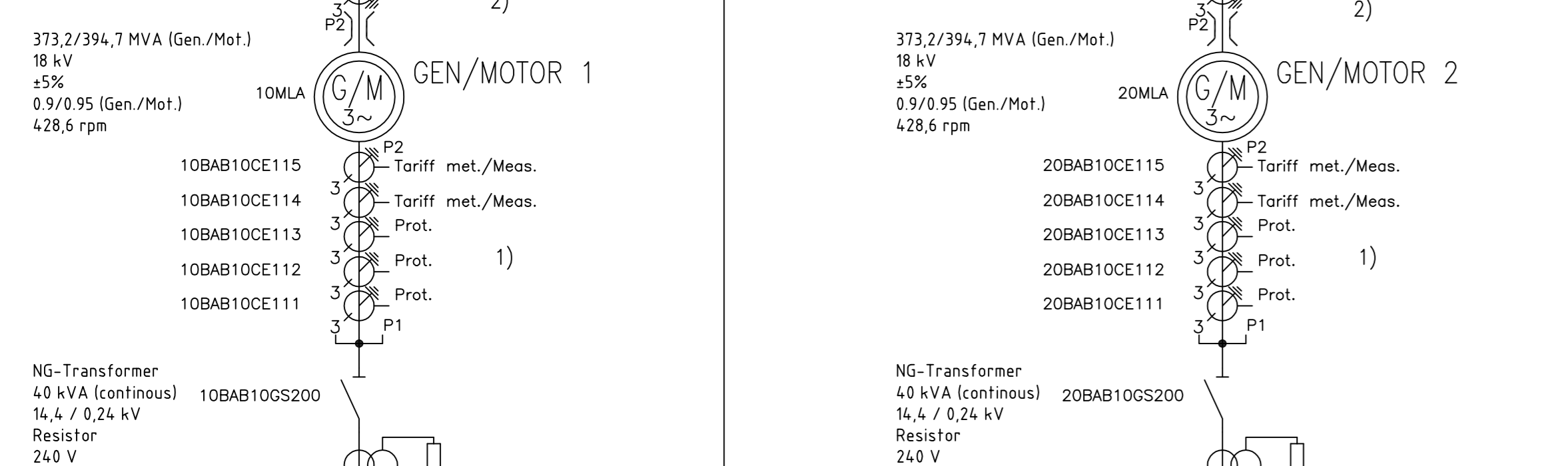
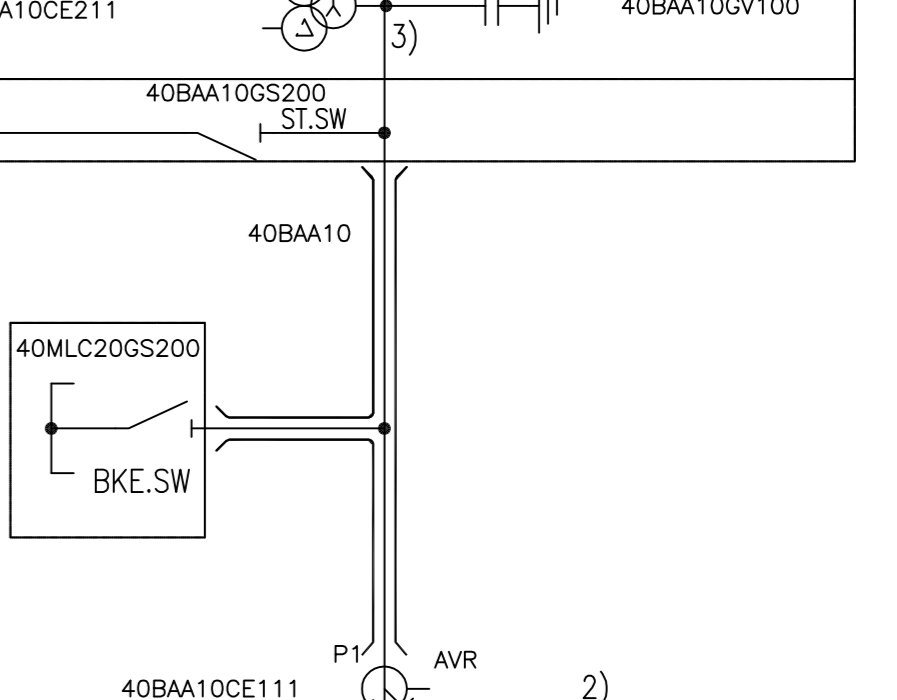
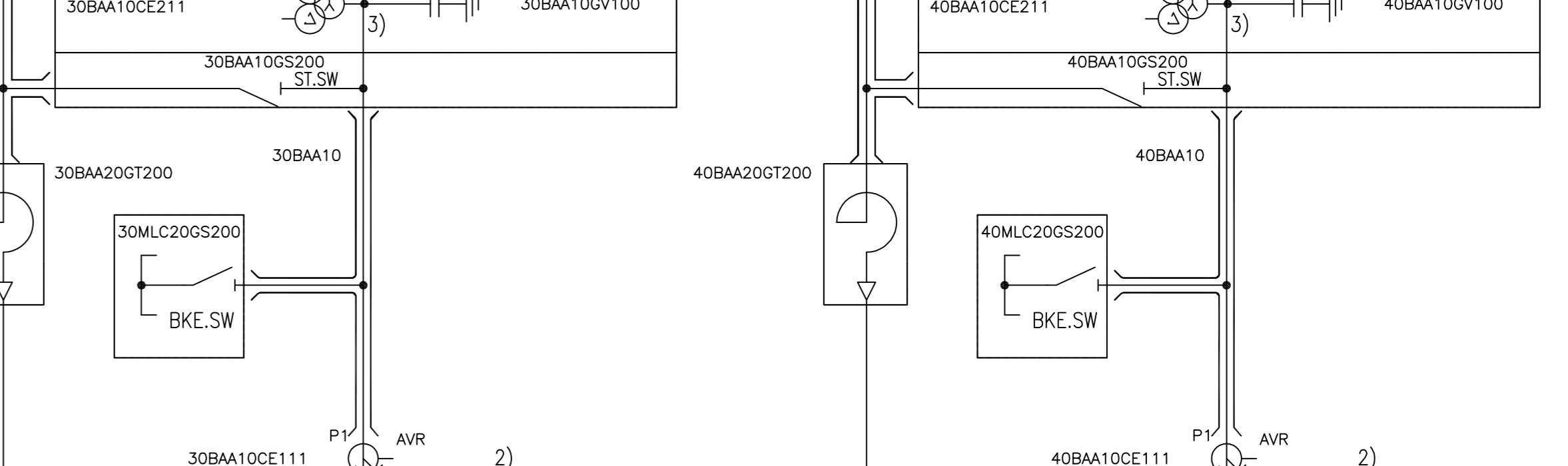
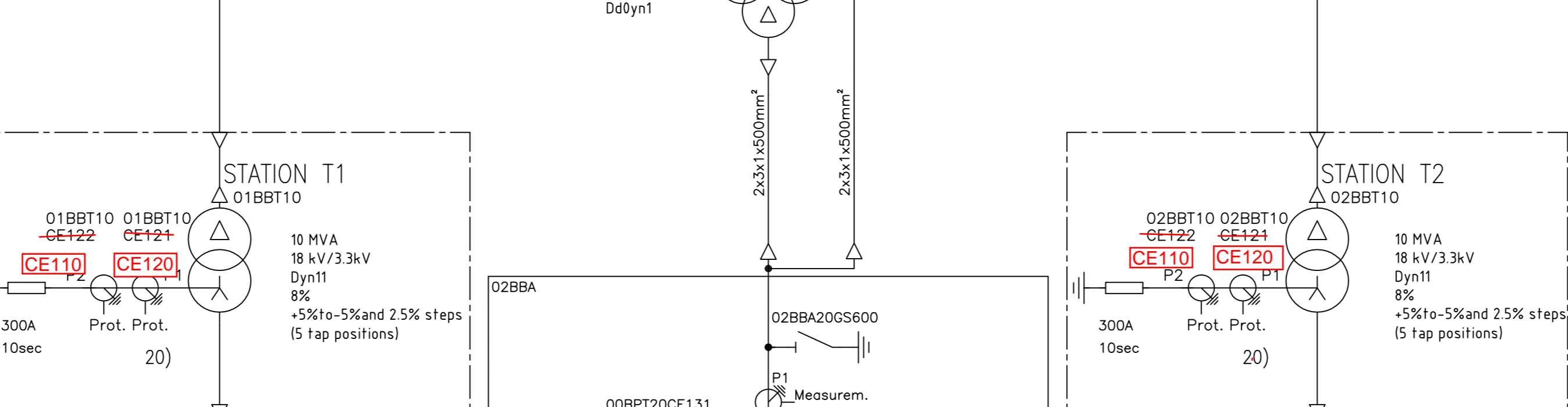
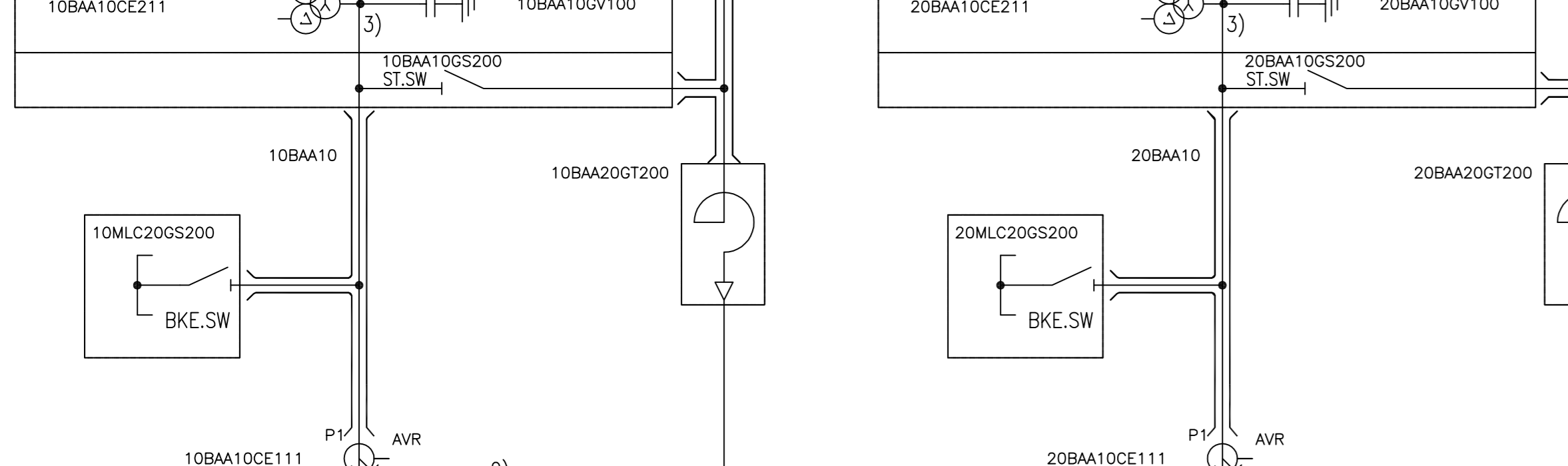
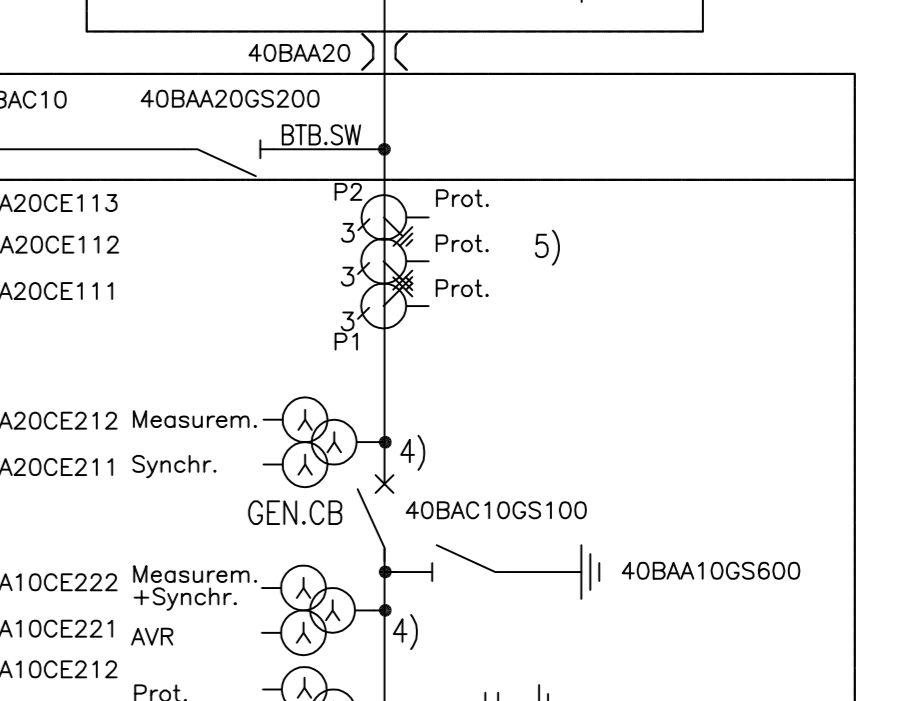
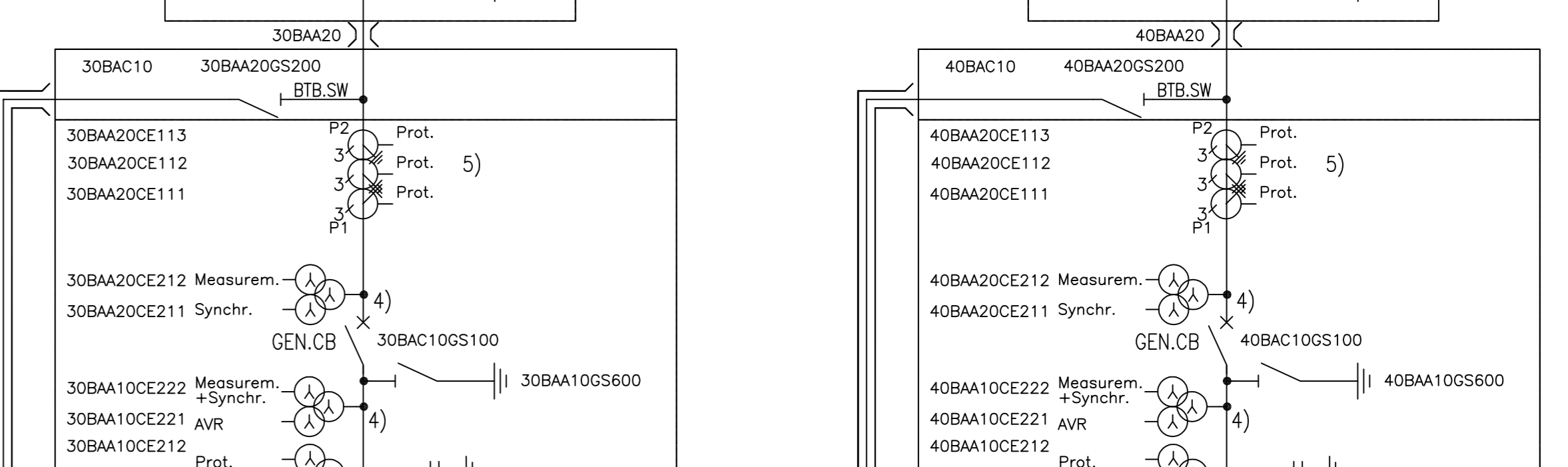
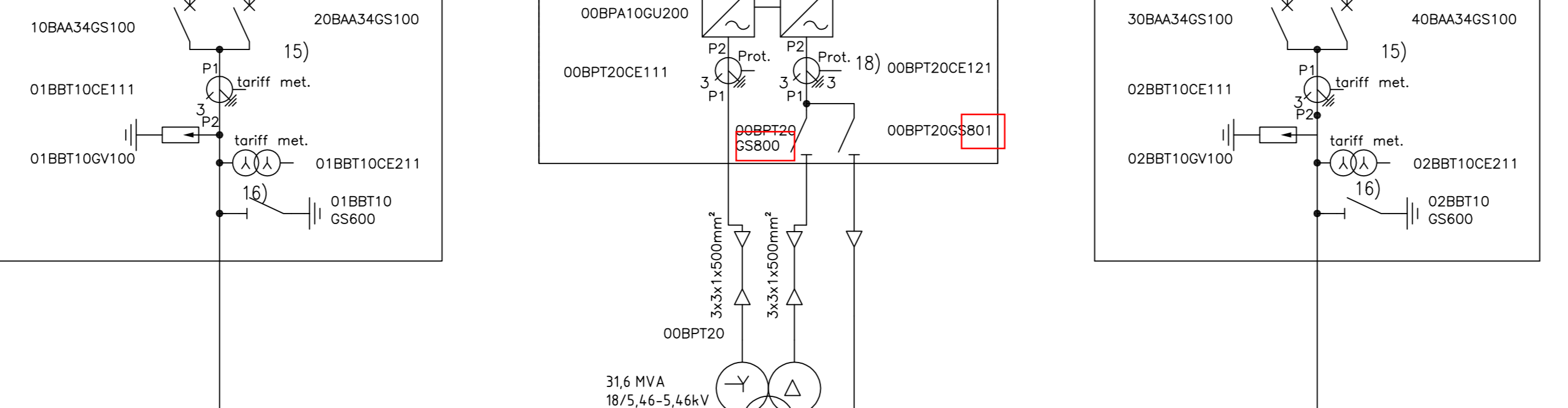
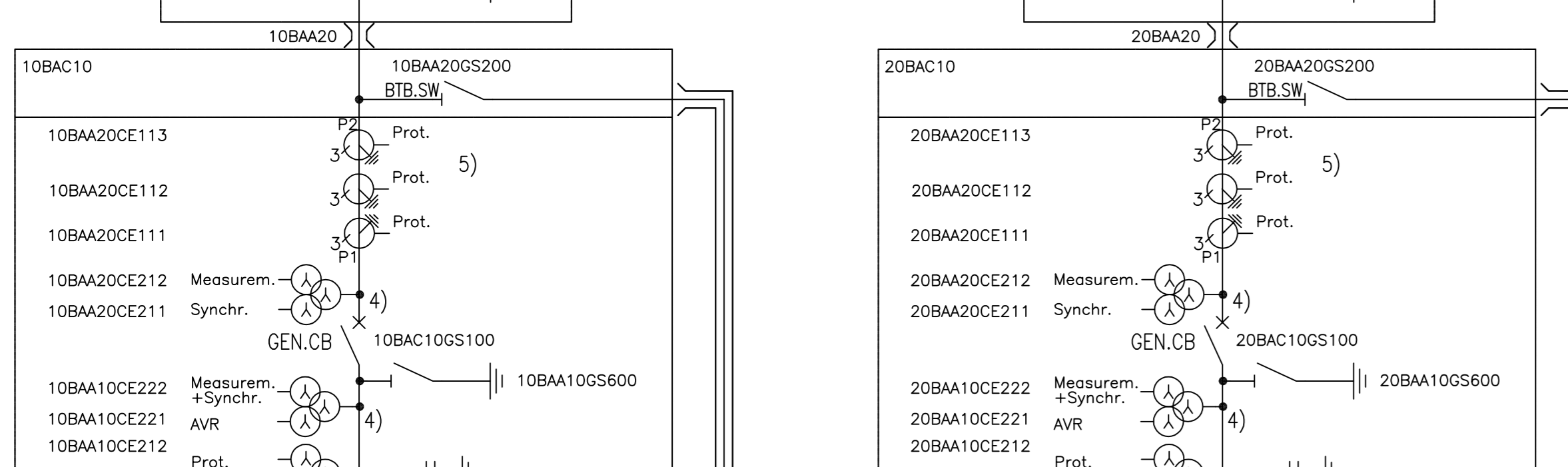
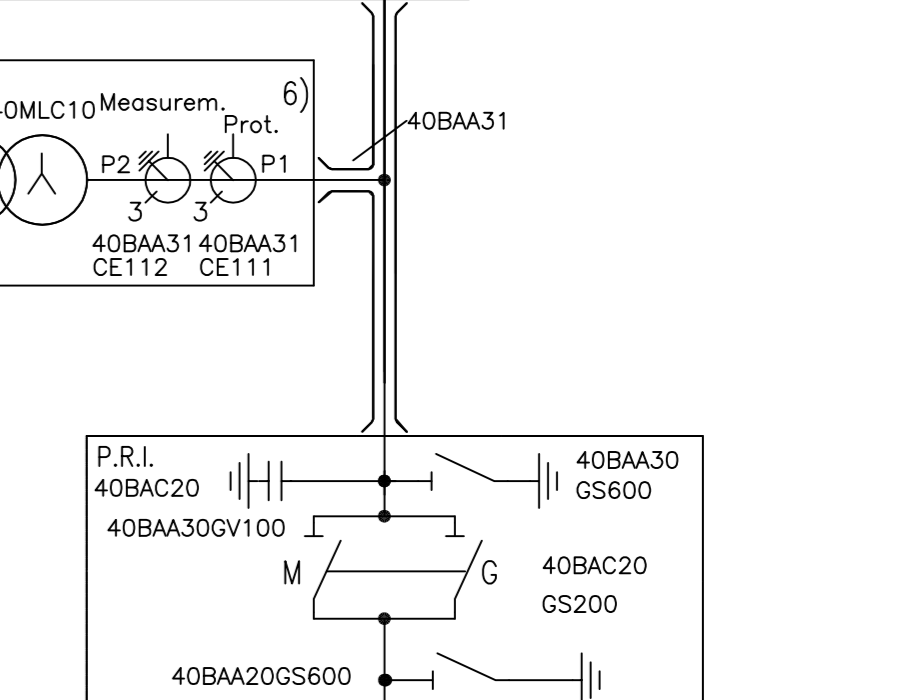
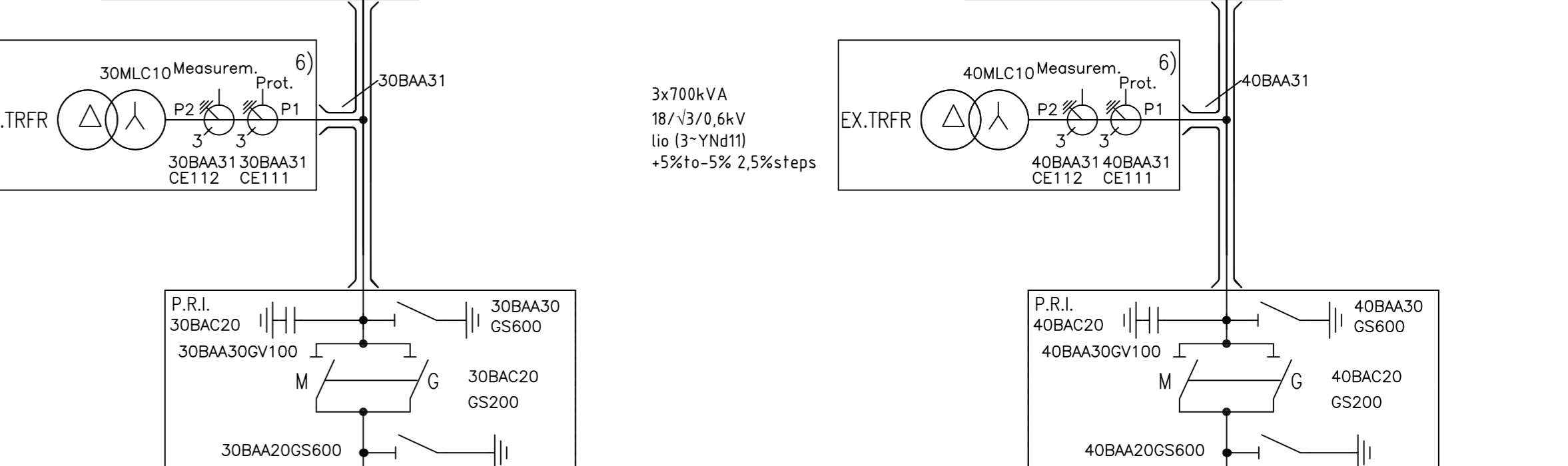
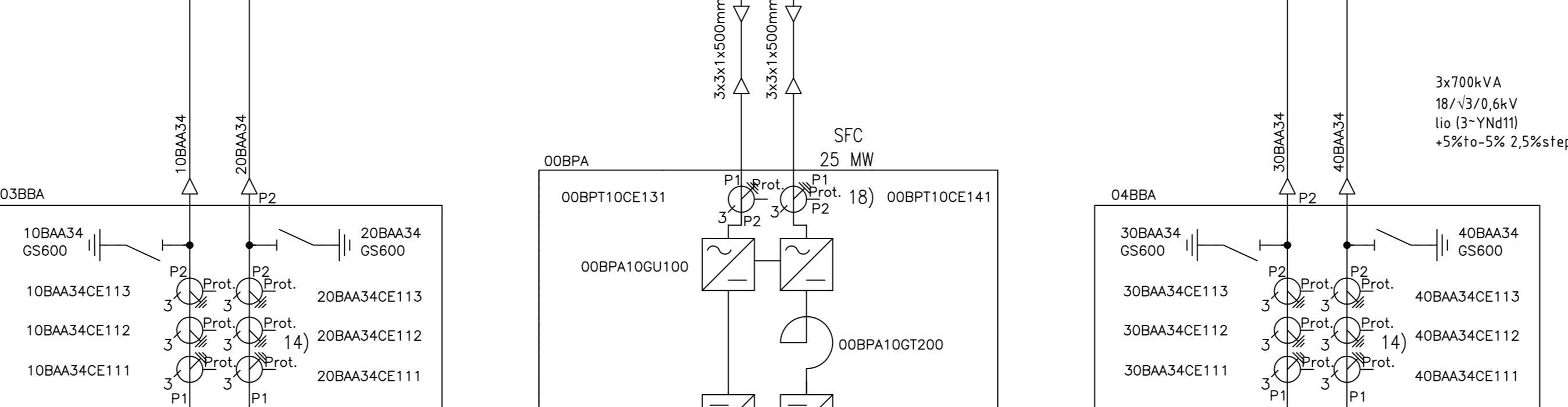
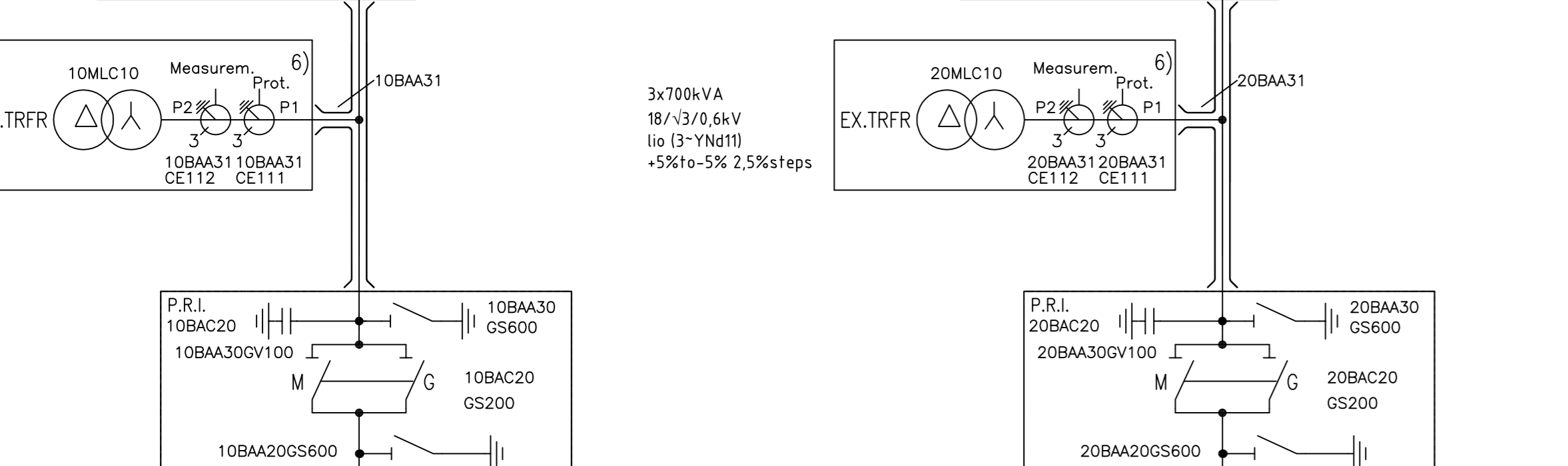
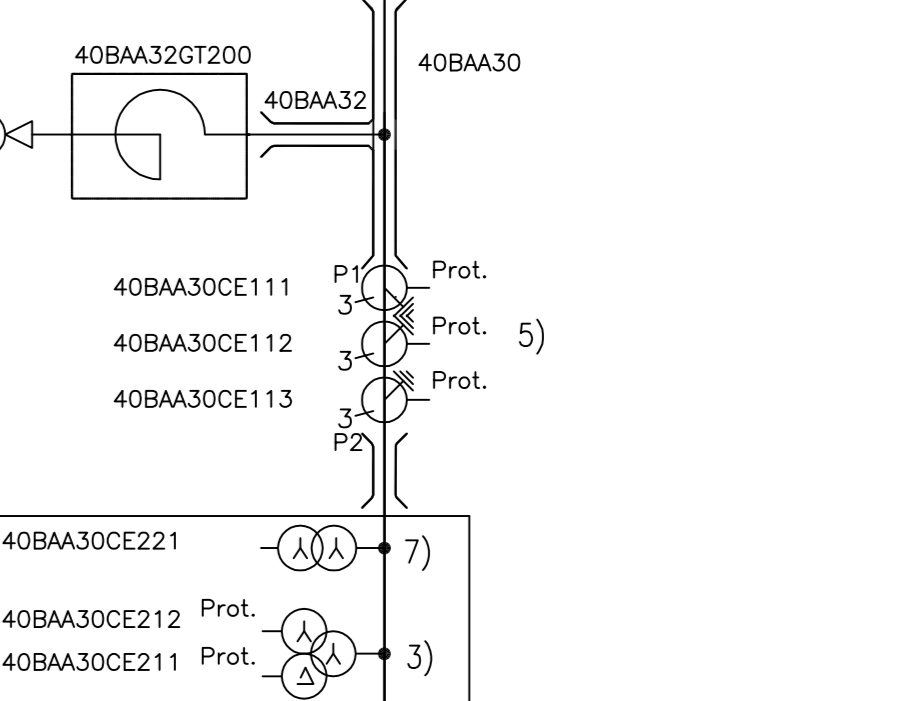
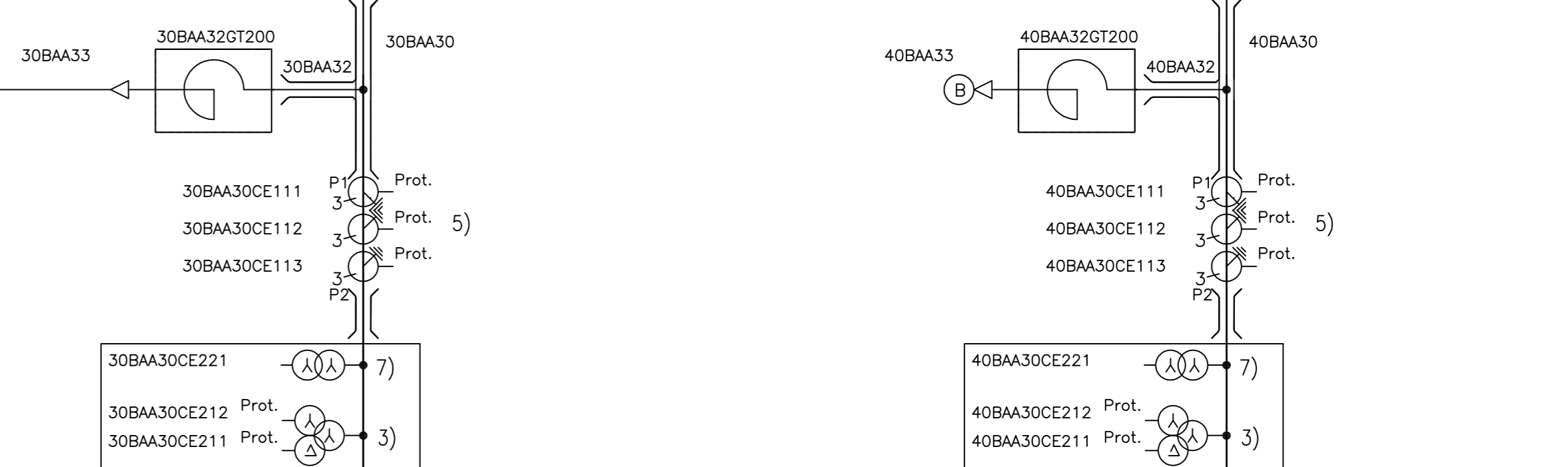
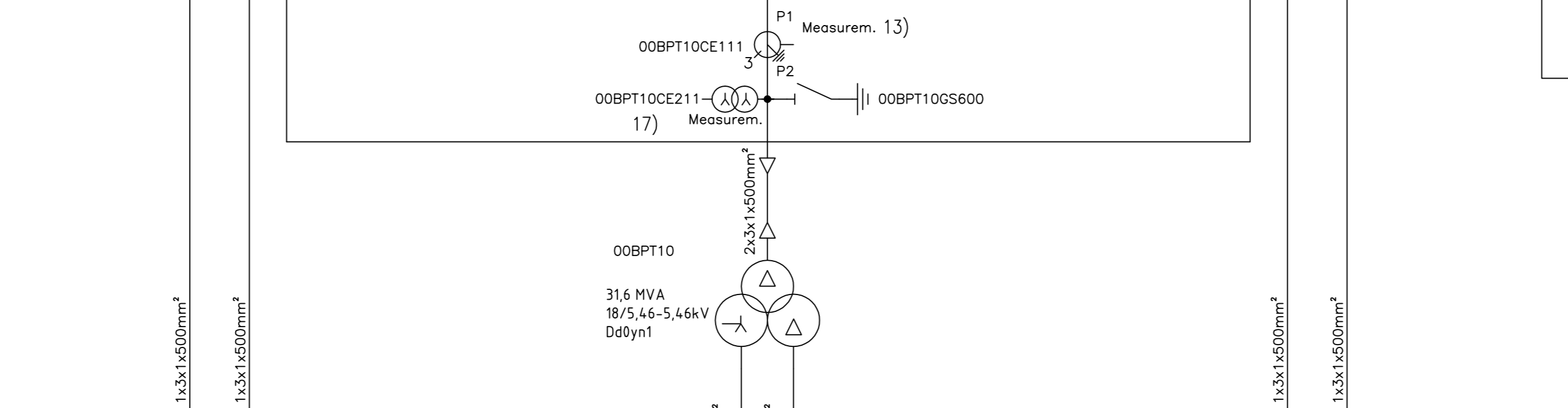
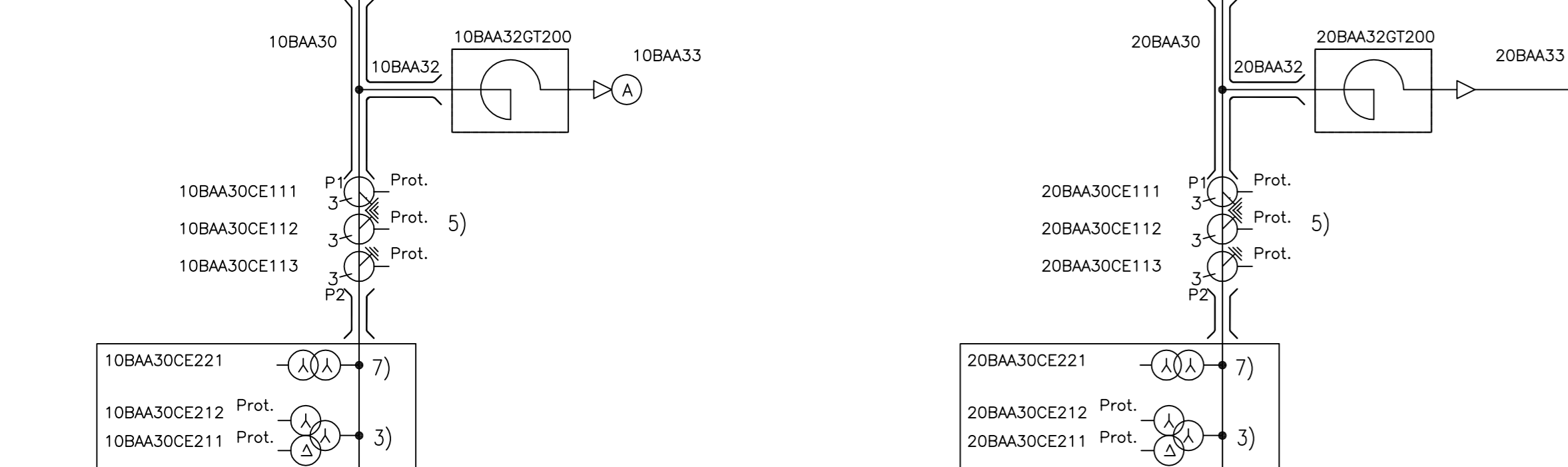
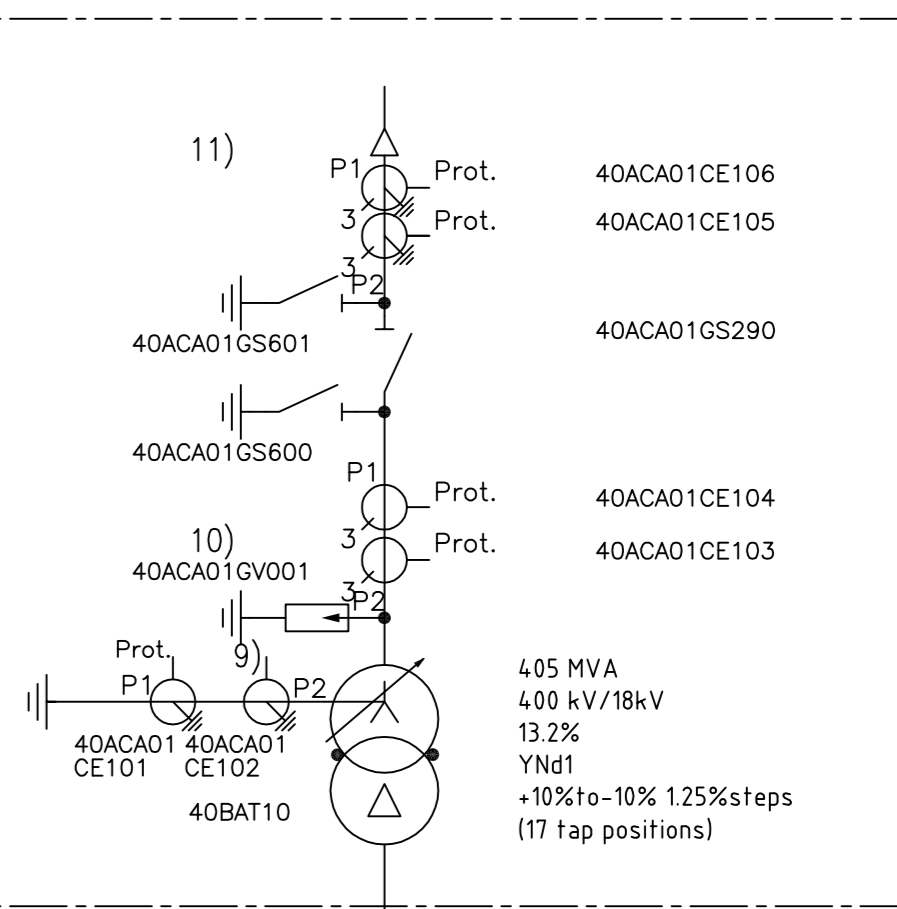
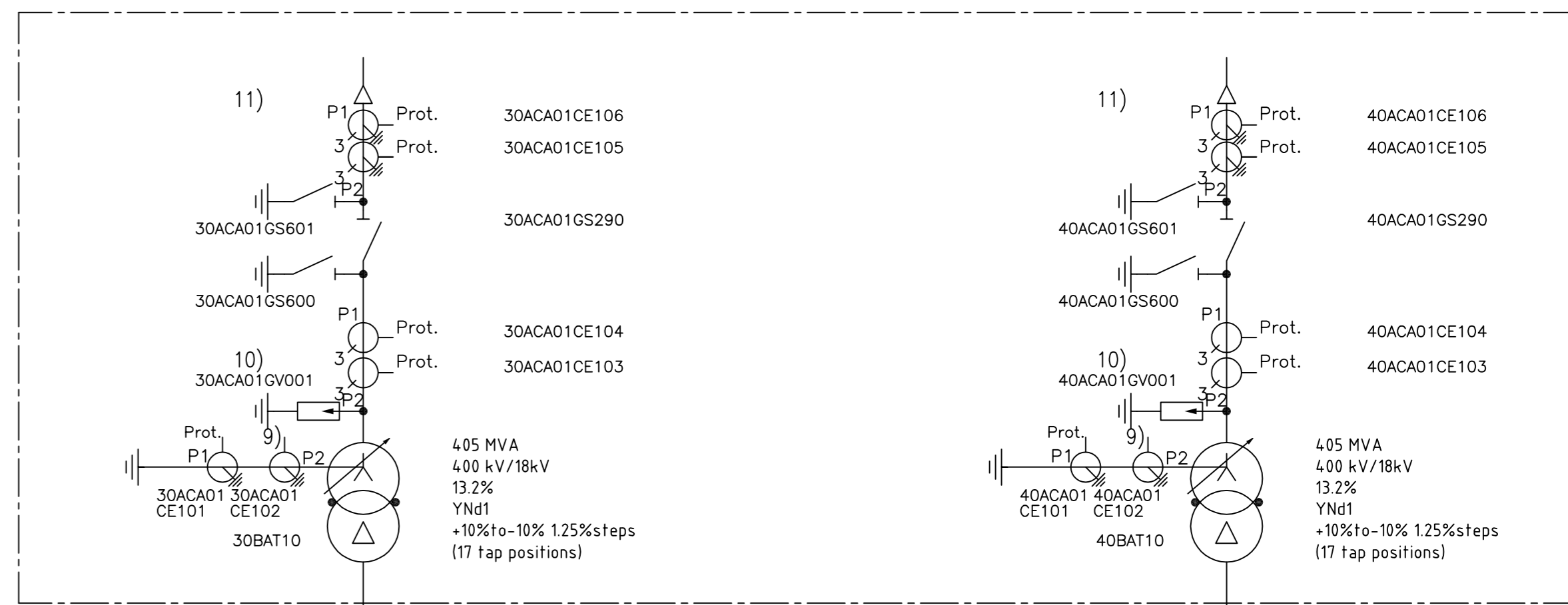
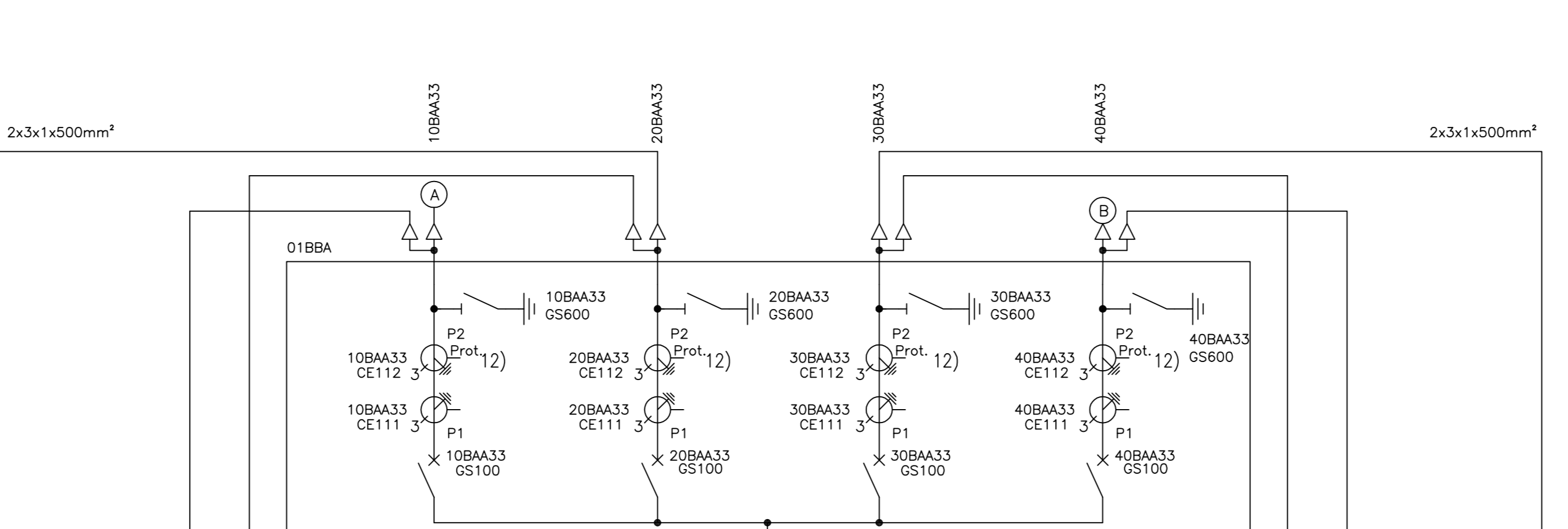
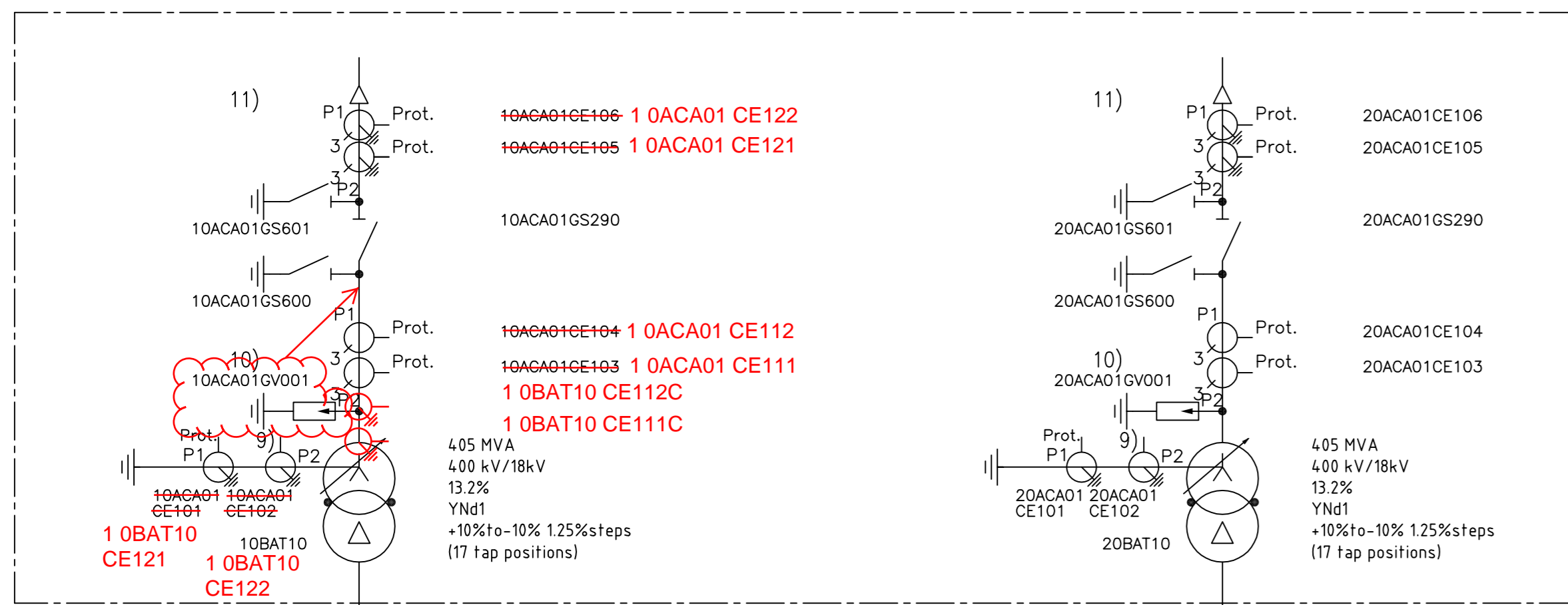
UNIT 3

UNIT 4

TO 400 kV SWITCHYARD (AIS) SURFACE

TO 400 kV SWITCHYARD (AIS) SURFACE

Only unit 1 changes shown.
Must be repeated for all units



ABBREVIATIONS
BKE.SW BRAKE SWITCH
EX.TRFR EXCITATION TRANSFORMER
P.R.I. PHASE REVERSAL ISOLATOR
SFC STATIC VARIABLE FREQUENCY CONVERTER
ST.SW STARTING SWITCH
BTS.SW BACK TO BACK SWITCH
GEN.CB GENERATOR / MOTOR CIRCUIT BREAKER

LEGEND:
VOITH SCOPE OF SUPPLY
EQUIPMENT OF OTHER LOTS



Ingula Pumped Storage Scheme
Lot A: Main Generating Plant

VOITH VOITH FUJI
Voith Hydro

Eskom Doc. No.: 0 83 / 32 300

KKS No.: BAA

AL: 671527

HS2 Key: E

INGULA

Scale of orig. Mass (weight) Name

GM connection Single Line Diagram

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