

TRANSFORMER ELECTRICAL DATA	
Rated power kVA	1500
Temporary overload power at AF kVA	2100
Rated primary voltage kV	22
Rated primary insulation level kV	24
Tapping ranges on HV side(off load)	(+2 ~ -2)x2.5%
HV Applied voltage to industrial frequency kV	50
Impulse B.I.L kV	125
Rated secondary voltage V	433
LV Applied voltage to industrial frequency kV	3
Rated frequency HZ	50
Rated impedance voltage at 75°C %	6
No-load current %	1.20
No-load losses W	2900
Load losses at 75°C W	12100
Vector group	Dyn11

TRANSFORMER MECHANICAL DATA	
Primary Winding	Aluminium
Secondary Winding	Aluminium
Cooling method (AN/AF)	AN/AF
Acoustic power LwA at 1m dB	68.5
Rated winding temperature rise K	100
Thermal class	F
Environmental behaviour	E2, C2, F1
Transformer weight (winding & core) kg	3660

TRANSFORMER ACCESSORIES	
Type of temperature control (240Vac)	BWDK320B
Temperature sensors	PT100

Notes:
 [1] Quantity : According to the contract
 [2] If cooling method AN . The fans and parameters of AF would not provided.

LEGEND	
Item	Material Description
1	Secondary connection busbar
2	Lifting holes
3	Primary connection terminal
4	Earthing terminals Ø14
5	HV tapping
6	Neutral connection bar
7	Transformer name plate
8	Transformer mounting base
9	Fans

REV	DESCRIPTION	DESIGNER	CHECKED	APPROVED
0	ISSUED FOR APPROVAL	David	FS Meng	GHL
		07.10.2018	07.10.2018	07.11.2018
		SIGN_DATE	SIGN_DATE	SIGN_DATE

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CO-ORDINATE SYSTEM: HEIGHT DATUM: SCALE: NOT TO SCALE

EcoStruxure
Innovations At Every Level

DRAWN	David	07.10.2018
DESIGNED	David	07.10.2018
DRG CHECK	MFS	07.10.2018
DESIGN CHECK	MFS	07.10.2018
APPROVED	GHL	07.11.2018

TRIHAF TRANSFORMER
 MEDIUM VOLTAGE SUBSTATIONS
 22kV/433V TRANSFORMER 1500kVA
 GENERAL ARRANGEMENT & ELECTRICAL RATINGS

FILE No: _____ SHEET 1 OF 5

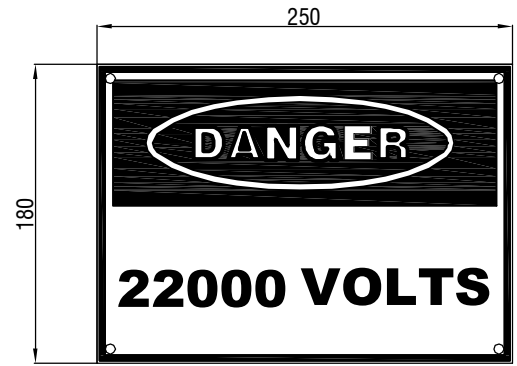
STATUS: ISSUED FOR APPROVAL

DRG No: F15011005

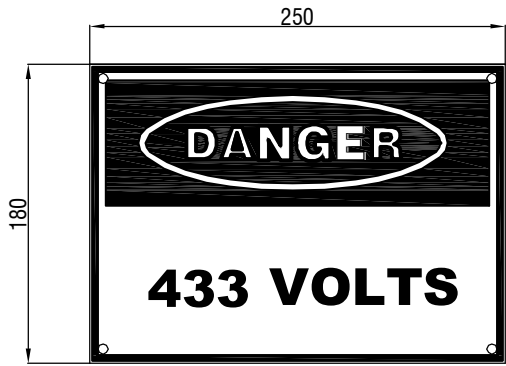
SALES ORDER No: _____

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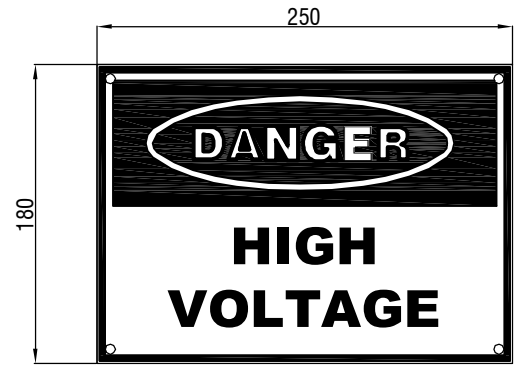
A
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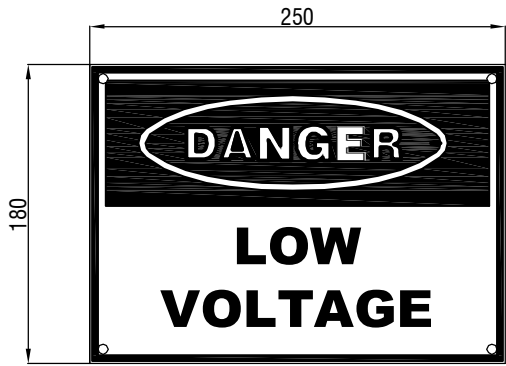
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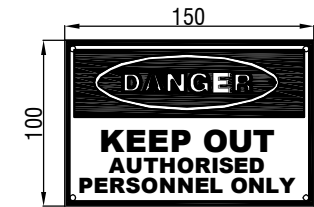
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QTY X 1



QTY X 4

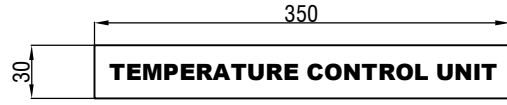


PLATE 15: DEVICE LABEL
(BLACK TEXT - WITH STAINLESS STEEL)
QTY X 1

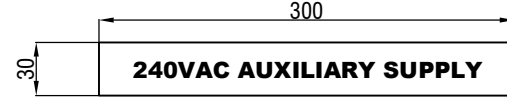


PLATE 17: AUXILIARY WARNING LABEL
(BLACK TEXT - WITH STAINLESS STEEL)
QTY X 1

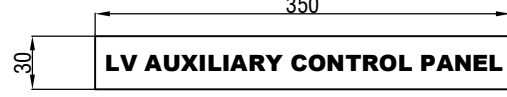


PLATE 16: AUXILIARY EQUIPMENT LABEL
(BLACK TEXT - WITH STAINLESS STEEL)
QTY X 1

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<p>Schneider Electric</p>			<p>DRAWN: David 07.10.2018 DESIGNED: David 07.10.2018 DRG CHECK: MFS 07.10.2018 DESIGN CHECK: MFS 07.10.2018 APPROVED: GHL 07.11.2018</p>		
<p>Eco-truxure Innovation At Every Level</p>			<p>FILE NO: F150111005 STATUS: ISSUED FOR APPROVAL SALES ORDER NO: 0</p>		
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1 2 3 4 5 6 7 8 9 10 11 12