

TRANSFORMER ELECTRICAL DATA	
Rated power kVA	1250
Temporary overload power at AF kVA	1750
Rated primary voltage kV	11
Rated primary insulation level kV	12
Tapping ranges on HV side(off load)	(+2 ~ -2)x2.5%
HV Applied voltage to industrial frequency kV	35
Impulse B.I.L kV	95
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 %	1.26
No-load losses W	2350
Load losses at 75°C W	12500
Vector group	Dyn11

TRANSFORMER MECHANICAL DATA	
Primary Winding	Aluminium
Secondary Winding	Aluminium
Cooling method (AN/AF)	AN/AF
Acoustic power LwA at 1m dB	67.4
Rated winding temperature rise K	100
Thermal class	F
Environmental behaviour	E2, C2, F1
Transformer weight (winding & core) kg	3020

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 #14
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

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TRIHAL TRANSFORMER
 MEDIUM VOLTAGE SUBSTATIONS
 11kV/433V TRANSFORMER 1250kV
 GENERAL ARRANGEMENT & ELECTRICAL RATINGS

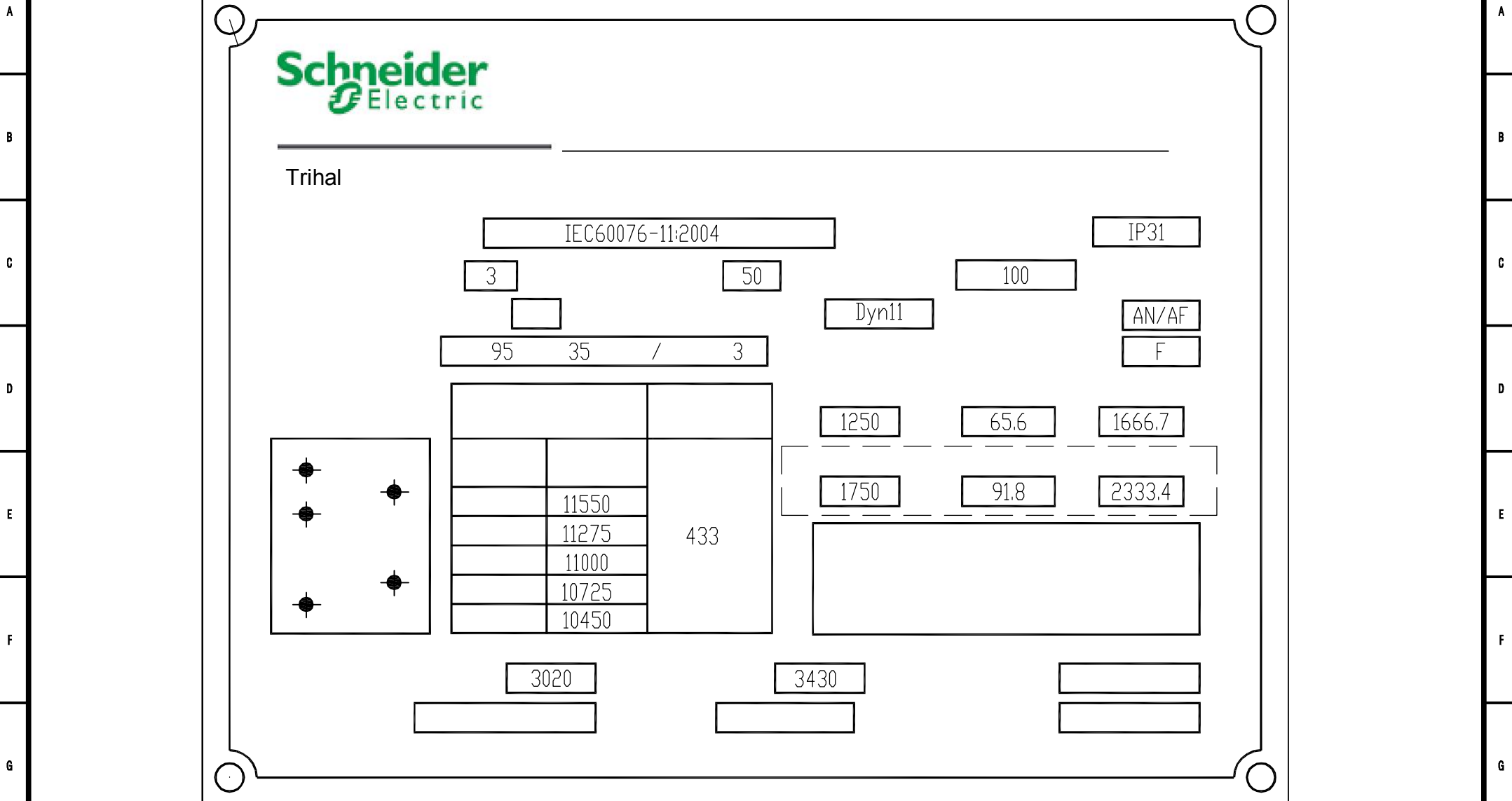
DATE: 07.10.2018
 DRAWN: David
 DESIGNED: David
 Dwg CHECK: MFS
 DESIGN CHECK: MFS
 APPROVED: GHL

STATUS: ISSUED FOR APPROVAL

TRIAL No. 1 OF 5
 SHEET 1 OF 5

DRG No. F125041005

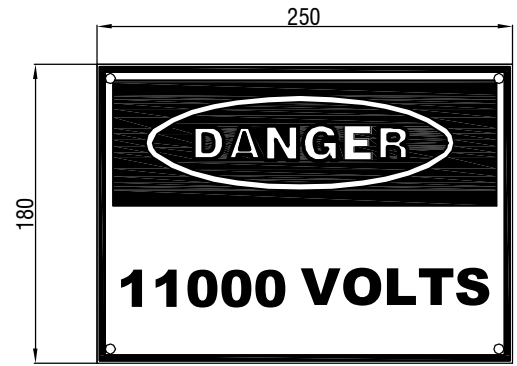
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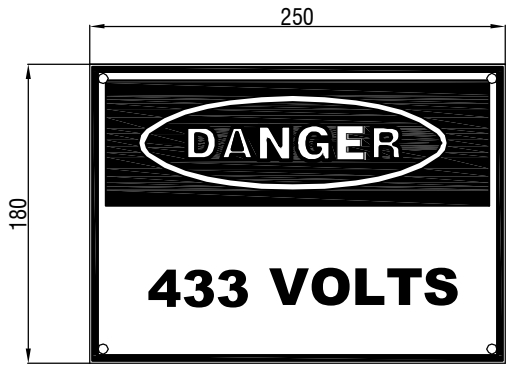
<p>Schneider Electric</p> <p>11kV/433V TRANSFORMER 1250kV GENERAL ARRANGEMENT & ELECTRICAL RATINGS</p>						<p>TRIHAL TRANSFORMER MEDIUM VOLTAGE SUBSTATIONS 11kV/433V TRANSFORMER 1250kV GENERAL ARRANGEMENT & ELECTRICAL RATINGS</p>	
<p>ISSUED FOR APPROVAL</p>						<p>FILE NO: _____ SHEET: 4 OF 5</p>	
<p>DESIGNER: David 07-10-2018 MFS 07-10-2018 GHL 07-11-2018</p>						<p>STATUS: ISSUED FOR APPROVAL</p>	
<p>DESIGN CHECK: MFS 07-10-2018</p>						<p>DRG NO: F125041005</p>	
<p>APPROVED: GHL 07-11-2018</p>						<p>SALES ORDER NO: _____</p>	
<p>CO-ORDINATE SYSTEM:</p>		<p>HIGHT DATUM:</p>		<p>SCALE: NOT TO SCALE</p>		<p>REVISIONS:</p>	

1 2 3 4 5 6 7 8 9 10 11 12

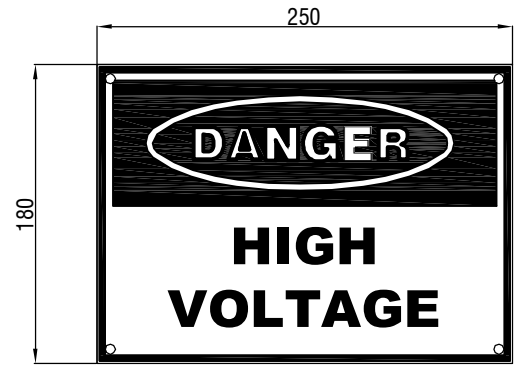
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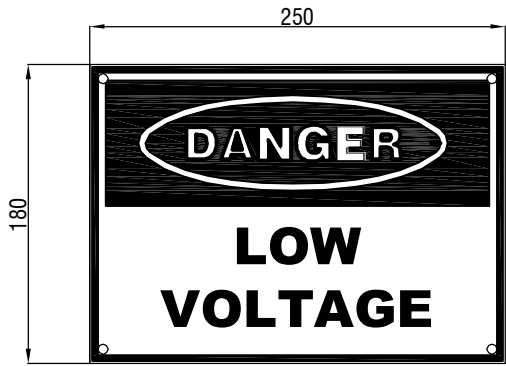
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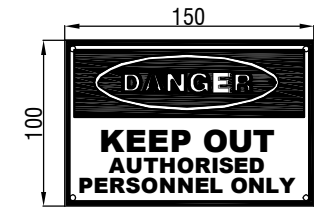
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QTY X 1



QTY X 1



QTY X 4

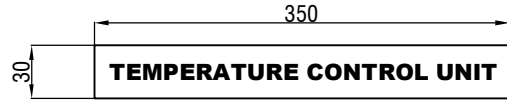


PLATE 15: DEVICE LABEL
(BLACK TEXT - WITH STAINLESS STEEL)
QTY X 1

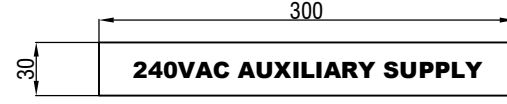


PLATE 17: AUXILIARY WARNING LABEL
(BLACK TEXT - WITH STAINLESS STEEL)
QTY X 1

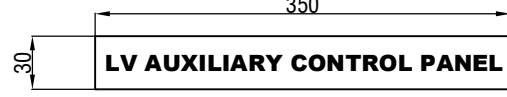


PLATE 16: AUXILIARY EQUIPMENT LABEL
(BLACK TEXT - WITH STAINLESS STEEL)
QTY X 1

REV	DESCRIPTION	DESIGNER SIGN DATE	VERIFIED SIGN DATE	APPROVED SIGN DATE
0	ISSUED FOR APPROVAL	David 07-10-2018	MFS 07-10-2018	GHL 07-11-2018

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DRAWN: David 07.10.2018
 DESIGNED: David 07.10.2018
 DRG CHECK: MFS 07.10.2018
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