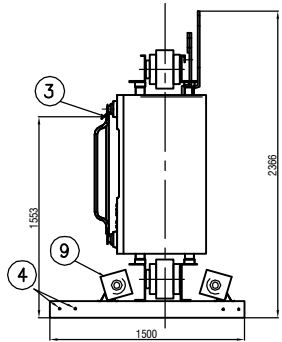
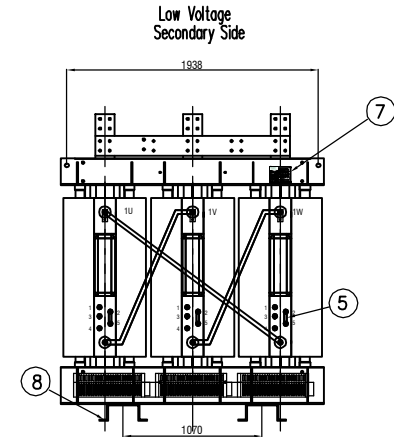


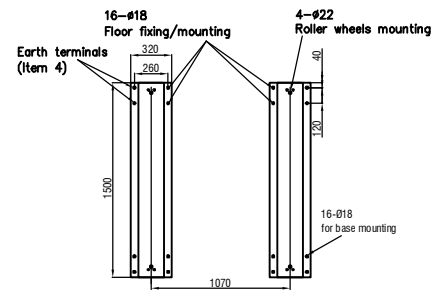
Front View
Item 10 Detail



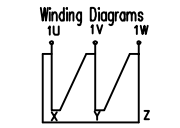
View A



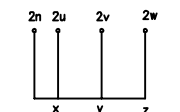
Rear View



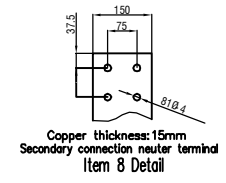
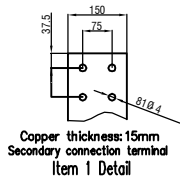
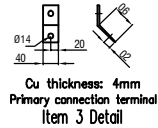
Transformer & Enclosure Assembly
Mounting Base



Primary Winding Connection



Secondary Winding Connection



TRANSFORMER ELECTRICAL DATA	
Rated power kVA	2500
Temporary overload power at AF kVA	3500
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	415
LV Applied voltage to industrial frequency kV	3
Rated frequency HZ	50
Rated impedance voltage at 75°C %	6
No-load current %	0.92
No-load losses W	4300
Load losses at 75°C W	19600
Vector group	Dyn11

TRANSFORMER MECHANICAL DATA	
Primary Winding	Aluminium
Secondary Winding	Aluminium
Cooling method (AN/AF)	AN/AF
Acoustic power LwA at 1m dB	71.5
Rated winding temperature rise K	100
Thermal class	F
Environmental behaviour	E2, C2, F1
Transformer weight (winding & core) kg	5270

TRANSFORMER ACCESSORIES	
Type of temperature control (240Vac)	BWDK3208
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
		DESIGNER	CHECKED	APPROVED
		07.10.2018	07.10.2018	07.11.2018
		DESIGN CHECK	DESIGN CHECK	APPROVED
		07.10.2018	07.10.2018	07.11.2018

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Innovations At Every Level

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

TRIHAF TRANSFORMER
MEDIUM VOLTAGE SUBSTATIONS
11kV/415V TRANSFORMER 2500kVA
GENERAL ARRANGEMENT & ELECTRICAL RATINGS

DATE: 07.10.2018
STATUS: ISSUED FOR APPROVAL
DRAWING NO: F250041108

DESIGNED: David 07.10.2018
DESIGN CHECK: MFS 07.10.2018
APPROVED: GHL 07.11.2018

SHEET: 1 OF 5
SALES ORDER NO.



Trihal

IEC60076-11:2004

IP31

3

50

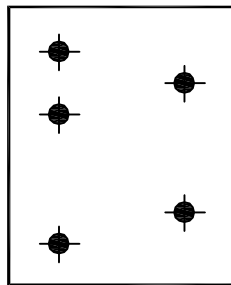
100

Dyn11

AN/AF

95 35 / 3

F



	11550	415
	11275	
	11000	
	10725	
	10450	

2500

131.2

3478

3500

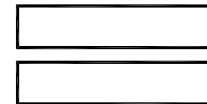
183.7

4869



5270

5770



0	ISSUED FOR APPROVAL	David	MFS	GHL
DESIGNER	DESIGNER SIGN DATE	DESIGNER SIGN DATE	APPROVED SIGN DATE	APPROVED SIGN DATE
CO-ORDINATE SYSTEM:	HEIGHT DATUM:	SCALE:	NOT TO SCALE	

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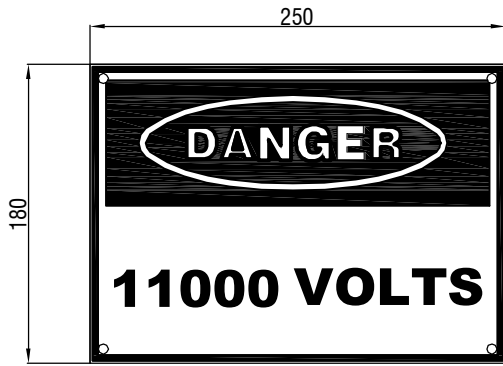
DRAWN	David	07.10.2019
DESIGNED	David	07.10.2019
DWG CHECK	MFS	07.10.2019
DESIGN CHECK	MFS	07.10.2019
APPROVED	GHL	07.11.2019

TRIHAL TRANSFORMER
MEDIUM VOLTAGE SUBSTATIONS
11kV/415V TRANSFORMER 2500kV
GENERAL ARRANGEMENT & ELECTRICAL RATINGS

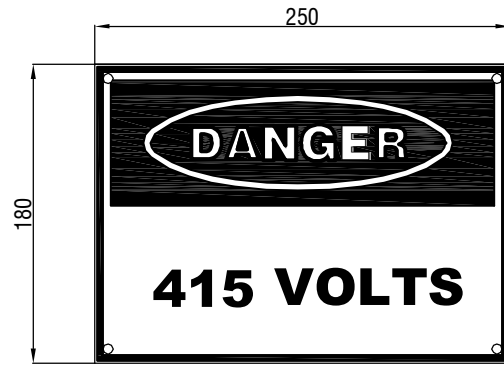
FILE No:	SHEET: 4 OF 5
STATUS:	ISSUED FOR APPROVAL
DWG No:	P2500041108
SALES ORDER No:	0



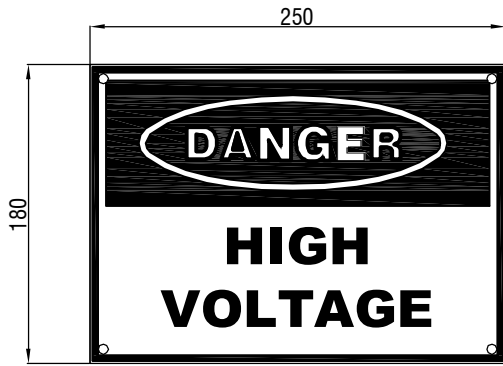
Innovations At Every Level



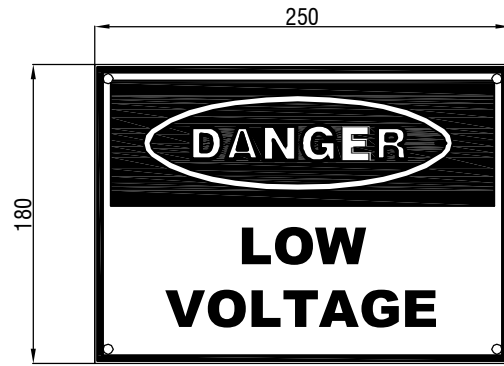
QTY X 1



QTY X 1



QTY X 1



QTY X 1



QTY X 4

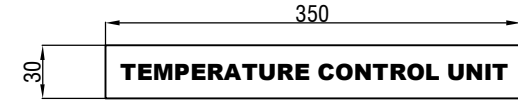


PLATE 15: DEVICE LABEL
(BLACK TEXT - WITH STAINLESS STEEL)
QTY X 1

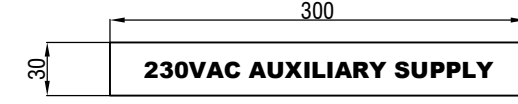


PLATE 17: AUXILIARY WARNING LABEL
(BLACK TEXT - WITH STAINLESS STEEL)
QTY X 1

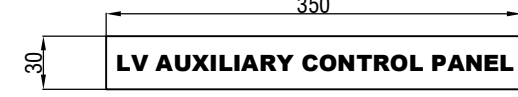


PLATE 16: AUXILIARY EQUIPMENT LABEL
(BLACK TEXT - WITH STAINLESS STEEL)
QTY X 1

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<p>Schneider Electric</p>		<p>DRAWN: David 07.10.2018</p>		<p>DESIGNED: David 07.10.2018</p>			
<p>DESIGN CHECK: MFS 07.10.2018</p>		<p>APPROVED: GHL 07.11.2018</p>		<p>FILE NO. SHEET 5 OF 5</p>			
<p>STATUS: ISSUED FOR APPROVAL</p>		<p>SALES ORDER NO.</p>		<p>DRG NO. F250041108</p>			
<p>CO-ORDINATE SYSTEM:</p>		<p>HEIGHT DATUM:</p>		<p>SCALE: NOT TO SCALE</p>			