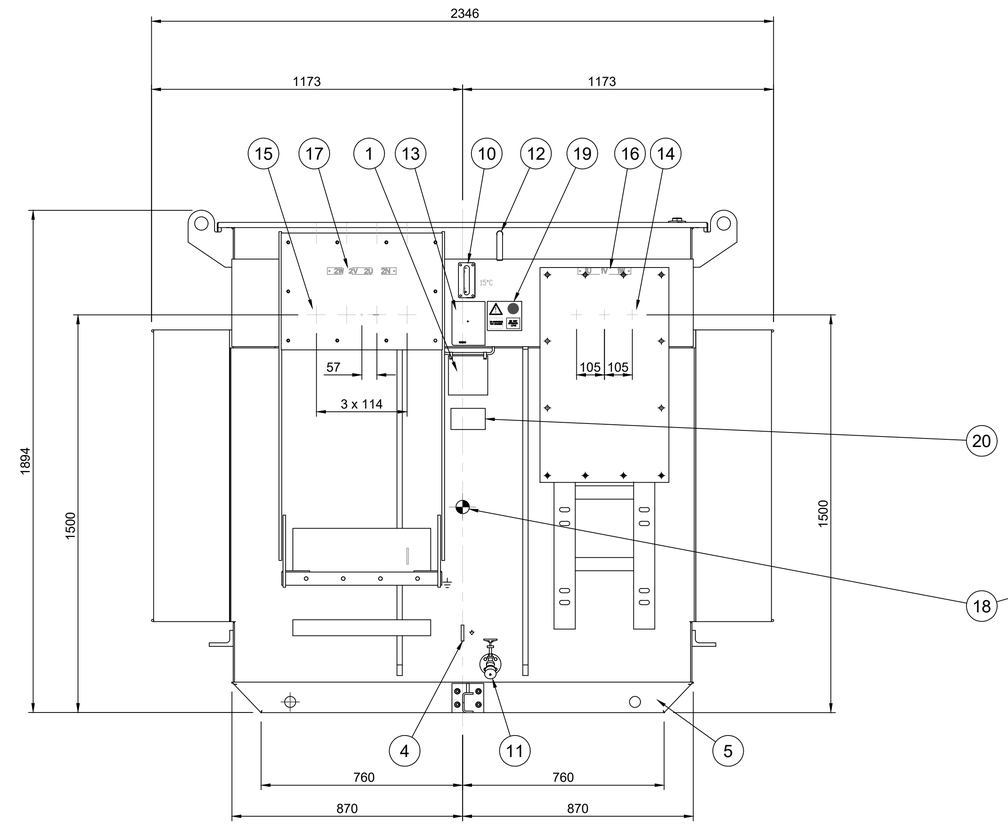
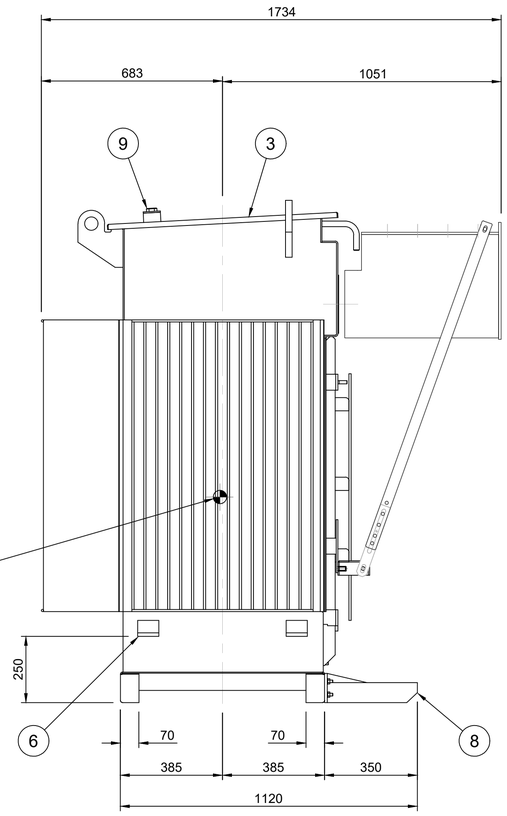
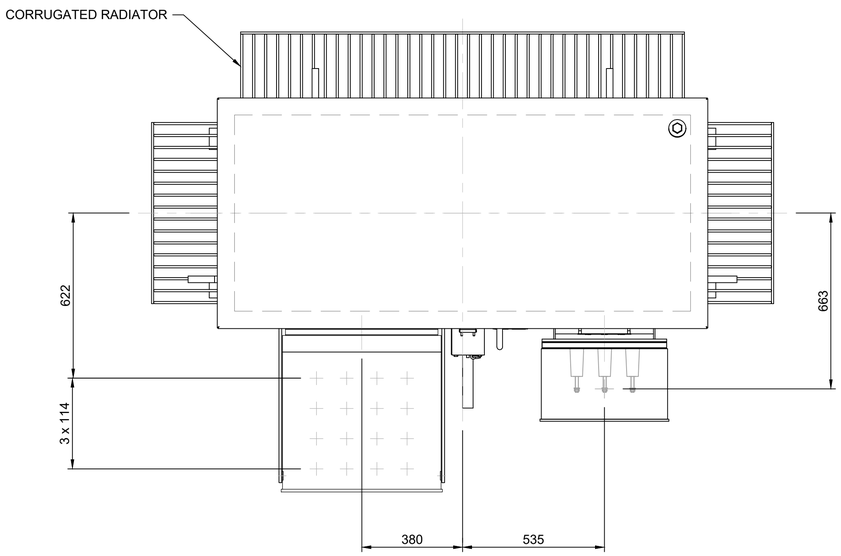






TRANSFORMER FITTINGS

1	COMBINED RATING AND CONNECTION PLATE
2	4 x LIFTING LUGS ON TRANSFORMER Ø50 (PAINTED YELLOW)
3	BOLTED ON TANK COVER
4	STAINLESS STEEL EARTHING FLAG - Ø14 HOLE
5	BASE SKIDS DRILLED WITH 4 HAULAGE / AXLE HOLES Ø42
6	JACKING LUGS
7	-
8	STABILISING FOOT
9	FILLING HOLE AND COVER
10	PRISMATIC OIL LEVEL GAUGE
11	COMBINED OIL DRAIN/SAMPLER VALVE 25mm OUTLET WITH 1" BSP INTERNAL THREAD AND SCREWED HEX HEAD BLANKING CAP
12	BREATHER PIPE 1/2" BSP
13	H.V. TAPPING SWITCH HANDLE WITH PADLOCK FACILITY AND A PADLOCKABLE ANTI-VANDAL COVER
14	H.V. TERMINATIONS 3 POLE CABLE BOX COMPLETE WITH PILOT HOLED GLAND PLATE, SUITABLE FOR FULLY INSULATED DRY TERMINATIONS AND CAPABLE OF ACCEPTING 1 x 3 CORE 185mm^2 OR 3 x 1 CORE 300mm^2 CABLES ENTERING FROM BELOW. INSULATING MATERIALS CABLE GLANDS AND CABLE LUGS ARE NOT INCLUDED.
15	L.V. TERMINATIONS 4 POLE AIR INSULATED CABLE BOX GLAND PLATE AND CAPABLE OF ACCEPTING 16 x 1 CORE CABLES UP TO 630mm^2 ENTERING FROM ABOVE. CABLE TERMINATION KITS, GLANDS AND CABLE LUGS ARE NOT INCLUDED.
16	H.V. TERMINAL IDENTIFICATION PLATE
17	L.V. TERMINAL IDENTIFICATION PLATE
18	CENTRE OF GRAVITY (WITHOUT LV AND HV SWITCHGEAR OR CABLE BOXES FITTED)
19	TAP CHANGER WARNING LABEL
20	IDENTIFICATION LABEL

SHIPPING:
NO ITEMS ARE SUPPLIED LOOSE WITH THE TRANSFORMER

PAINT FINISH:
TO C4 - TO BS 381C COLOUR REF.632
DARK ADMIRALTY GREY

IDENTIFICATION PLATE

Schneider Electric

Serial number	
Total unit weight	**7250 kg**

www.schneider-electric.co.uk

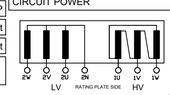
RATING PLATE

Schneider Electric

SCHNEIDER ENERJI END. SAN. VE TIC. AS 41420 KOCAELI - TURKEY

TYPE	MINERA	YEAR		NR.	IEC 60076
MODEL	DISTRIBUTION TRANSFORMER			PHASE 3	FREQUENCY 50 Hz
RATED POWER	2000 kVA			Po kW	Pk kW
	POS.1	105 %	11550 V	V	MAX. AMBIENT TEMP. 40 °C
	POS.2	102,5 %	11275 V	V	SERVICE CONTINUOUS
RATED VOLTAGE	POS.3	100 %	11000 V	433 (NO LOAD) V	VECTOR GROUP Dyn11
	POS.4	97,5 %	10725 V	V	COOLING METHOD ONAN
	POS.5	95 %	10450 V	V	TOTAL WEIGHT 5,95 t
RATED CURRENT	104,97 A			2666,7 A	WEIGHT OF INSULATING LIQUID 1,37 t
RATED IMPED.VOLTAGE	%			WEIGHT OF ACTIVE PART	3,65 t
SHORT-CIRCUIT CURRENT	kA			INSULATION LEVEL	LI 95 AC 28 / LI - AC 3
CONDUCTOR MATERIAL	AL			MAXIMUM SYSTEM SHORT CIRCUIT POWER	500 MVA
CORE MATERIAL	M70-23P				
HV / LV CONDUCTOR WEIGHT	0,39/0,26 t				
CORE WEIGHT	2,95 t				

INSULATING LIQUID MINERAL OIL - UNUSED, UNABSITED, NAPHTHENIC
CONFORMS TO IEC60296



WPD2000T2USSOSR CRP100D231071

SCHNEIDER PO CODE: WPD2000T2USSOSR
MANUFACTURING CODE: DIM100D231071
RATING PLATE: CRP100D231071

WEIGHT OF CORE & WINDING ASSEMBLY	3650 Kg
WEIGHT OF TANK & FITTINGS	930 Kg
LIQUID QUANTITY	1560 ltrs
TOTAL WEIGHT OF TRANSFORMER	5950 Kg
TOTAL WEIGHT OF COMPLETE UNIT	7250 Kg
THICKNESS OF TANK WALLS	-
THICKNESS OF TANK COVER	-
THICKNESS OF TANK BASE	-
THICKNESS OF WALLS OF RADIATORS	-

DO NOT SCALE

FIRST ISSUED ON W.O. NO.
104131054

ORIGINAL DRG.NO.
ADH2096100

REVISION & DATE	
DESCRIPTION	
MOD. REF.	
INIT. & APPROVED	

TITLE
OUTLINE ARRANGEMENT FOR AN OIL FILLED, FREE BREATHING, ONAN, UNIT SUBSTATION TRANSFORMER

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kVA : 2000 KVA PHASES: 3
FREQUENCY Hz : 50
HV VOLTS : 11000
LV VOLTS : 433
CONNECTION : Dyn11
SYMBOL

DIMENSIONS IN MILLIMETRES

MERLIN GERIN
Jack Lane
Leeds,England,LS10 1BS

Schneider Electric

Merlin Gerin
Square D
Telemecanique

A1

DRAWN	A.J	
DATE	15/03/2022	DRG.NO.
APPROVED	G.B	ADH2096100
DATE	15/03/2022	

FORM NO. DO 29