

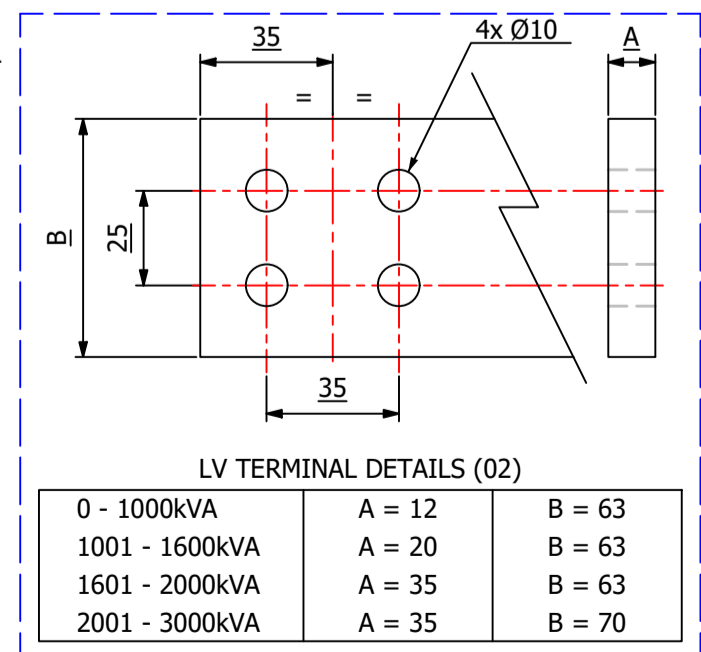
TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	4040
TANK AND FITTING	kg	1900
COOLING LIQUID VOLUME	L	1790
COOLING LIQUID WEIGHT	kg	1460
TOTAL TX WEIGHT	kg	7400
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	Kg	385

3000kVA ELECTRICAL RATINGS					
No Load Voltage Ratio at Normal Tap	HV Tappings	Vector Group	Frequency	Full-Load Current at Normal Tap	
				HV Side	LV Side
11000 / 433V	+5.0 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	157.459A	4000.117A
Design Impedance at Normal Tap	No Load Losses at rated Voltage & Frequency	Full Load Losses at rated Current & at 75°C Temp.	Temp. Rise above Ambient 40°C		
			in Oil by Therm.	in Wdg. by Res.	
6.0%	1886W	21961W	60°C	65°C	

- GENERAL NOTES**
- ALL DIMENSIONS ARE IN 'mm'.
 - ALL DIMENSIONS/WEIGHTS ARE SUBJECT TO ± 10% TOLERANCE.
 - ELECTRONIC SCALE - 1:1 (ONLY WRITTEN DIMENSIONS TO BE FOLLOWED).
 - TOLERANCE ON IMPEDANCE PER IEC:60076.
 - PAINT SHADE.: 632 AS PER BS:381C (SEMI GLOSS) TO ISO12944 - MIN C4 SPEC.
 - O/ALL DIM IS SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.
 - EXTENDED ELBOWS FITTED TO HV SIDE.

ESSENTIAL LABELS

- ITEM 10 OFF-CIRCUIT TAP CHANGERS TAP CHANGER WARNING LABEL
- ITEM 6 C.O.L. 15°C COLD COOLANT LEVEL
- ITEM 2 LV WARNING LABEL
- ITEM 1 HV WARNING LABEL



ITEM	QTY	DESCRIPTION
21	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 14S x 40P)
20	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 10S x 40P)
19	1	DETACHABLE CONSERVATOR
18	1	PROVISION FOR PRESSURE RELIEF DEVICE
17	1	OIL FILLING VALVE WITH ONE SIDE FLANGED & PLUG
16	1	WTI CT BUSHING TERMINALS ENCLOSED IN BOX
15	1	BUCHHOLZ RELAY EE2 (WITH ALARM & TRIP CONTACT)
14	1	DRAIN VALVE (25NB) with MALE PLUG
13	4	JACKING PADS
12	1	RATING & DIAGRAM PLATE (SS)
11	4	TRANSFORMER LIFTING LUGS
10	1	VOLTAGE CHANGE OVER SWITCH
9	2	THERMOMETER POCKET (3/4" BSP MALE THREAD)
8	1	SHUT OFF VALVE FOR CONSERVATOR
7	1	TOP COVER with LIFTING LUGS (x2)
6	1	OIL LEVEL GAUGE with 15° COLD OIL LEVEL MARK
5	1	AIR VENT PIPE (3/4") FOR DEHYDRANT BREATHER
4	2	EARTHING TERMINAL (FLAT TYPE suitable for M12 Bolt)
3	1	TRANSFORMER BASE (SKID TYPE) c/w HAULAGE HOLES & BRACING
2	1	LV CABLE BOX - 1.1kV, 4-POLE, AIR INSULATION, (FACING-'F', BS:2562) SUITABLE FOR 4 x 1c CABLES PER PHASE & N - MAX. 630mm.sq
1	1	HV RMU - 11kV, 200A, GCB, 630A BUS [Schneider RN2d-Tx/21] x PROTECTION, (FACING-'E' BS:2526)

IF IN DOUBT - ASK. REMOVE ALL SHARP EDGES. DO NOT SCALE. DRAWING NOT TO SCALE

REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

REVISION DESCRIPTION	REV	PROJECT
ORIGINAL	00	CUSTOMER

DATE	P.O. NUMBER	W.O. NUMBER
22-AUG-2021		

DRAWING TITLE
GENERAL ARRANGEMENT DRAWING FOR 3000kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER RN2d

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