

TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	3000
TANK AND FITTING	kg	1120
COOLING LIQUID VOLUME	L	1390
COOLING LIQUID WEIGHT	kg	1135
TOTAL TX WEIGHT	kg	5255
ADDITIONS TO THE TRANSFORMER WEIGHT		
SN6 / CN2	Kg	250

1250kVA 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 / 415V	+7.5 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	65.6A	1739A	
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.		
5.0%	500W	8250W	60°C	65°C		

ITEM	QTY	DESCRIPTION
15	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1100C x 45 x 40P)
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	OFF-CIRCUIT TAP SWITCH (6-Position & Padlockable)
9	2	THERMOMETER POCKET (3/4" BSP MALE THREAD)
8	1	OIL FILLING PIPE WITH FLANGED COVER
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 3 x 1c CABLES PER PHASE & N - MAX. 630mm.sq
1	1	HV SWITCH/BREAKER, 630A/200A, [Schneider : SN6/CN2] (FACING-'E' BS:2526)

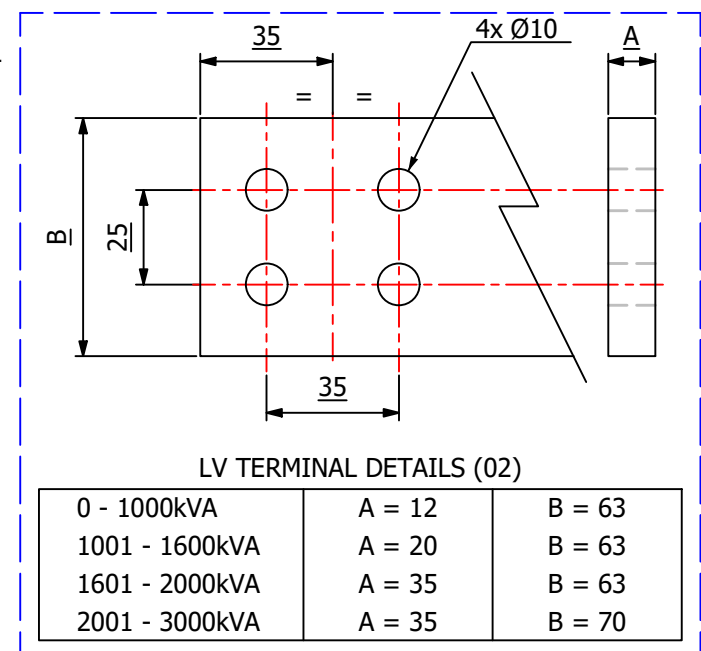
ESSENTIAL LABELS

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



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

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

LAST DEFINITION				REVISION DESCRIPTION				PROJECT				DRAWING TITLE			
REV	REV BY	VERIFIED	APPROVED	DESCRIPTION	REV	DATE	PROJECT	CUSTOMER	S.O. NUMBER	P.O. NUMBER	W.O. NUMBER	GENERAL ARRANGEMENT DRAWING FOR 1250kVA WILSON e3 ECOTRANS ULTRA LOW LOSS 11000/415V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER SN6 / CN2			
					00	10-OCT-2019						Wilson Power Solutions Ltd. Westland Square, Leeds, West Yorkshire LS11 5SS, United Kingdom Tel:+44 (0) 113 271 7588 Fax:+44 (0) 113 277 5124 web: www.wilsonpowersolutions.co.uk email: info@wilsonpowersolutions.co.uk			
DRAWN BY: M.WRIGHT				DATE: 09/10/2019				DRG NO: WPS-E3-1250-AL-A002				WILSON POWER SOLUTIONS			