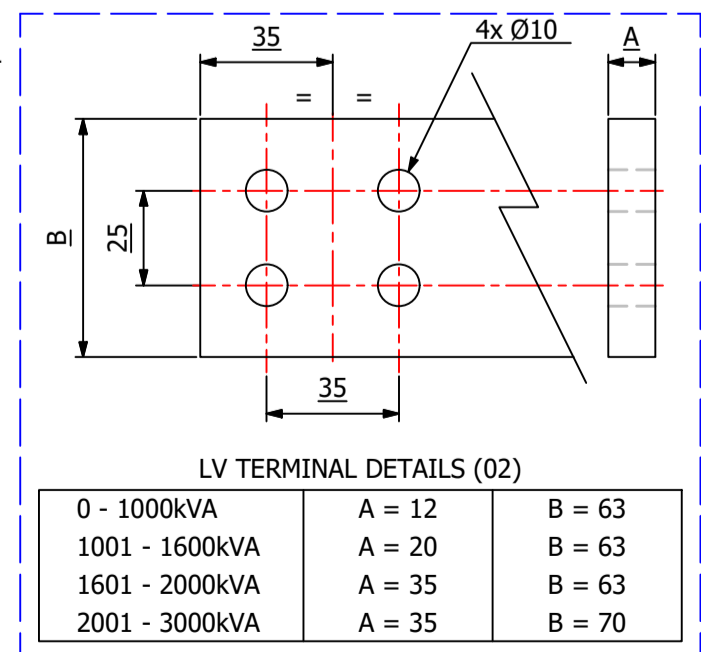


**ESSENTIAL LABELS**

- ITEM 10 TAP CHANGER WARNING LABEL
- ITEM 6 COLD COOLANT LEVEL
- ITEM 2 LV WARNING LABEL
- ITEM 1 HV WARNING LABEL



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	2360
TANK AND FITTING	kg	1130
COOLING LIQUID VOLUME	L	995
COOLING LIQUID WEIGHT	kg	810
TOTAL TX WEIGHT	kg	4300
ADDITIONS TO THE TRANSFORMER WEIGHT		
SN6 / CN2 WEIGHT	kg	250

1600kVA		ELECTRICAL RATINGS			
No Load Voltage Ratio at Normal Tap	HV Tappings	Vector Group	Frequency	Full-Load Current at Normal Tap	
11000 / 415V	+7.5 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	HV Side	LV Side
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		
5.5%	1200W	14000W	in Oil by Therm.	in Wdg. by Res.	
			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.

ITEM	QTY	DESCRIPTION
15	4	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 75 x 40P)
14	1	DRAIN VALVE (25NB) with MALE PLUG
13	4	JACKING PADS
12	1	RATING & DIAGRAM PLATE (SS)
11	2	TRANSFORMER LIFTING LUGS
10	1	OFF-CIRCUIT TAP SWITCH (6-Position & Padlockable)
9	2	THERMOMETER POCKET (3/4" BSP MALE THREAD)
8	1	TOP COVER with LIFTING LUGS (x2)
7	1	OIL FILLING PIPE WITH FLANGED COVER
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)

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

REV	DESCRIPTION	DATE
01	ASHWINI H. MALEPATI H. MALEPATI RATING PLATE & HORIZONTAL STIFFENERS POSH MODIFIED. FROM: 2134902	
00	ASHWINI H. MALEPATI M. GREEN ORIGINAL DESCRIPTION	
REV BY	VERIFIED	APPROVED

REVISION DESCRIPTION	REV	PROJECT
RE-DRAWN IN INVENTOR	02	
REV. BY: S. MALLETT	DATE: 08-NOV-2016	
VERIFIED: F. MEHMOOD	DATE: 10-MAR-2017	
APPROVED: J. DUCE	DATE: 10-MAR-2017	

CUSTOMER	S.O. NUMBER	P.O. NUMBER	W.O. NUMBER

DRAWING TITLE
GENERAL ARRANGEMENT DRAWING FOR 1600kVA WILSON e1 ECOTRANS 11000/415V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER SN6 / CN2

**Wilson Power Solutions Ltd.**  
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 web: www.wilsonpowersolutions.co.uk email: info@wilsonpowersolutions.co.uk

DRAWN BY: S. MALLETT DATE: 24/08/2016 DRG NO: **WPS-1600-AL-A002**