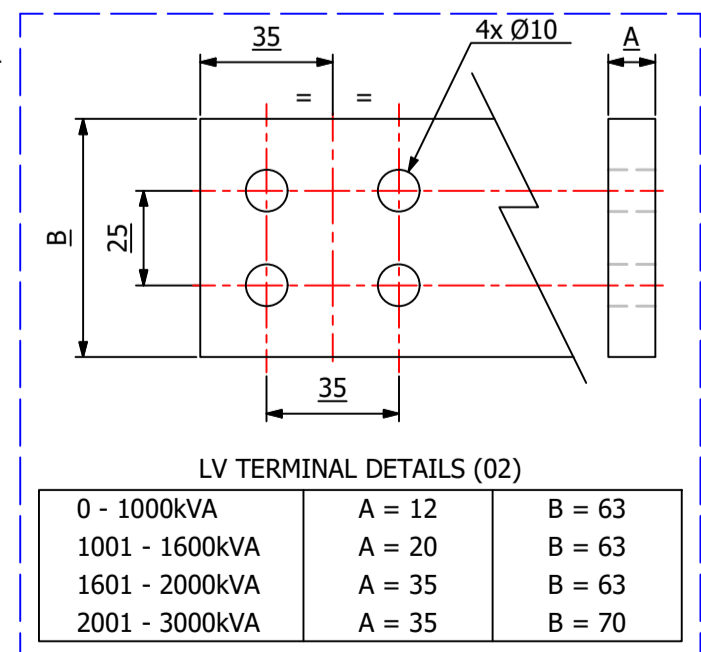
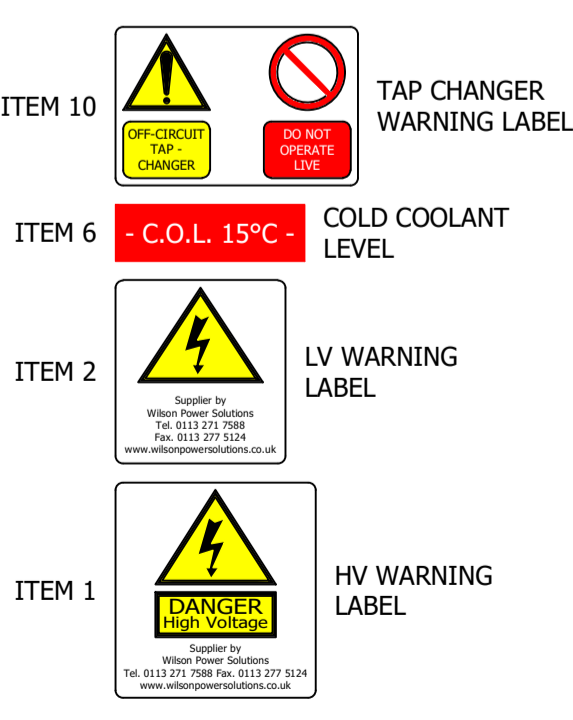


TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	1500
TANK AND FITTING	kg	850
COOLING LIQUID VOLUME	L	650
COOLING LIQUID WEIGHT	kg	530
TOTAL TX WEIGHT	kg	2880
ADDITIONS TO THE TRANSFORMER WEIGHT		
RN2c RMU WEIGHT	kg	500

1000kVA		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	52.5A	1391.2A
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.	
4.75%	770W	10500W	60°C	65°C	

ITEM	QTY	DESCRIPTION
15	4	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 5S 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 2 x 1c CABLES PER PHASE & N - MAX. 630mm.sq
1	1	HV RMU - 11kV, 200A, GCB, 630A BUS [Schneider RN2c-T1/21] x PROTECTION, (FACING-'E' BS:2526)

ESSENTIAL LABELS



- 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

REV	DESCRIPTION	DATE
01	ASHWINI H. MALEPATI M. GREEN	MINOR CHANGES IN DIMENSIONS FROM: 2111398
00	ASHWINI H. MALEPATI H. MALEPATI	ORIGINAL DESCRIPTION

REVISION	DESCRIPTION	REV	DATE
02	RE-DRAWN IN INVENTOR	02	08-NOV-2016

PROJECT	CUSTOMER	S.O. NUMBER	P.O. NUMBER	W.O. NUMBER
1000kVA	WILSON e1 ECOTRANS			

DRAWING TITLE
GENERAL ARRANGEMENT DRAWING FOR 1000kVA WILSON e1 ECOTRANS 11000/415V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER RN2c

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DRAWN BY: S. MALLETT DATE: 24/08/2016 DRG NO: **WPS-1000-AL-A001**