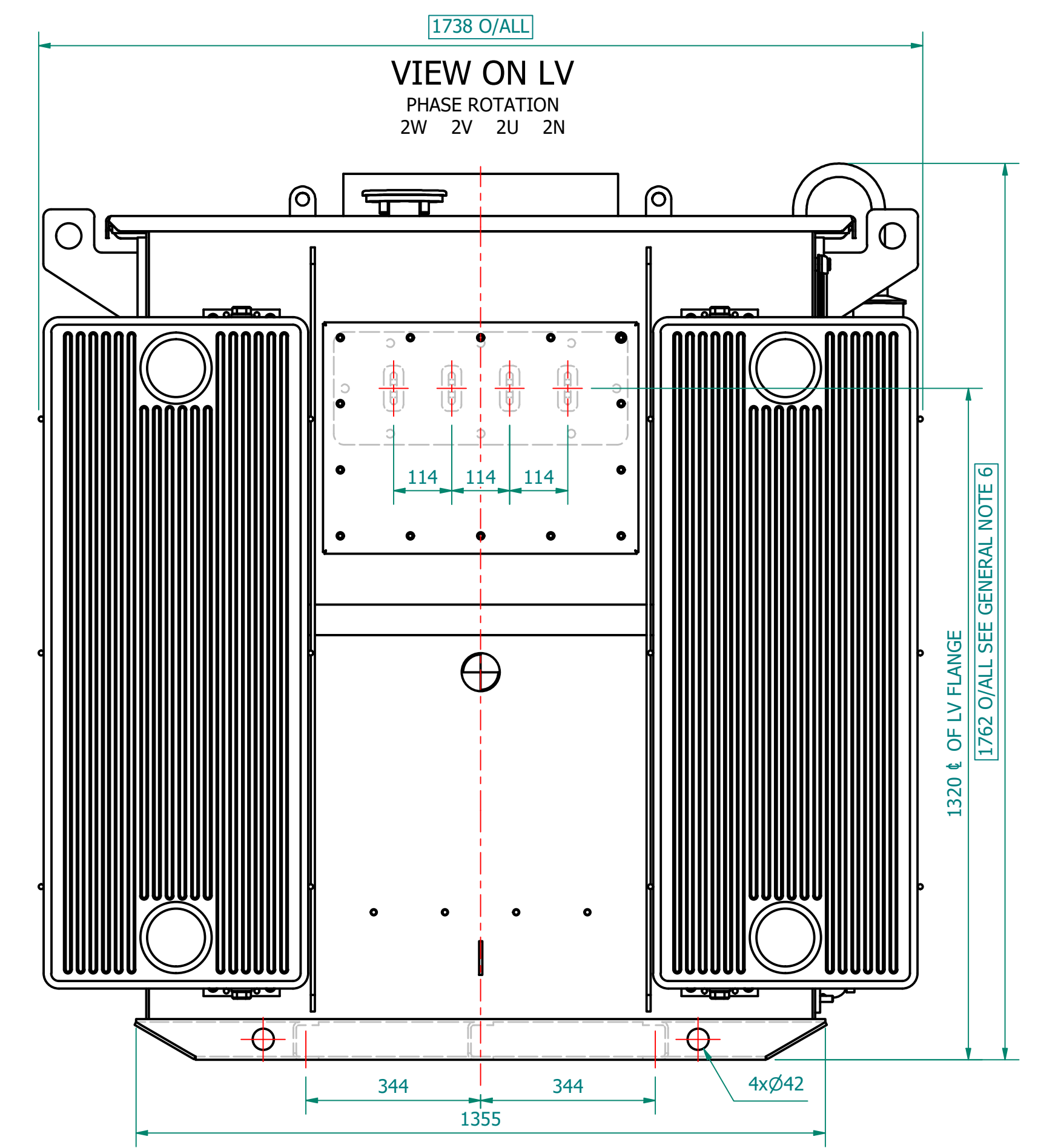
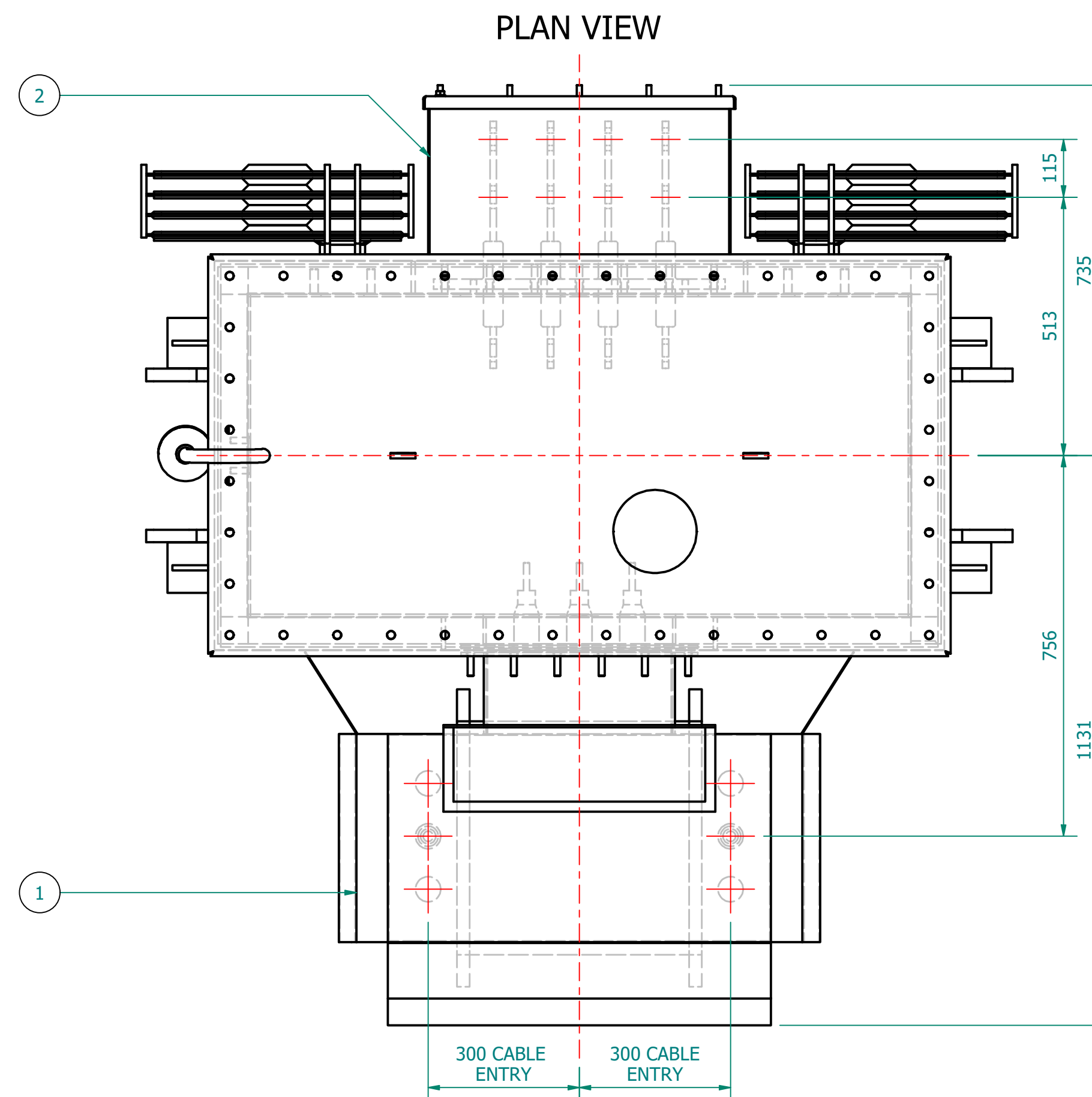


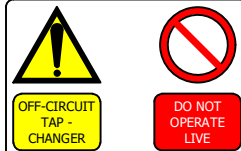
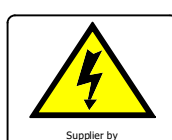
4x M12 x 30 @ 140mm PITCH ~430mm FROM THE GROUND

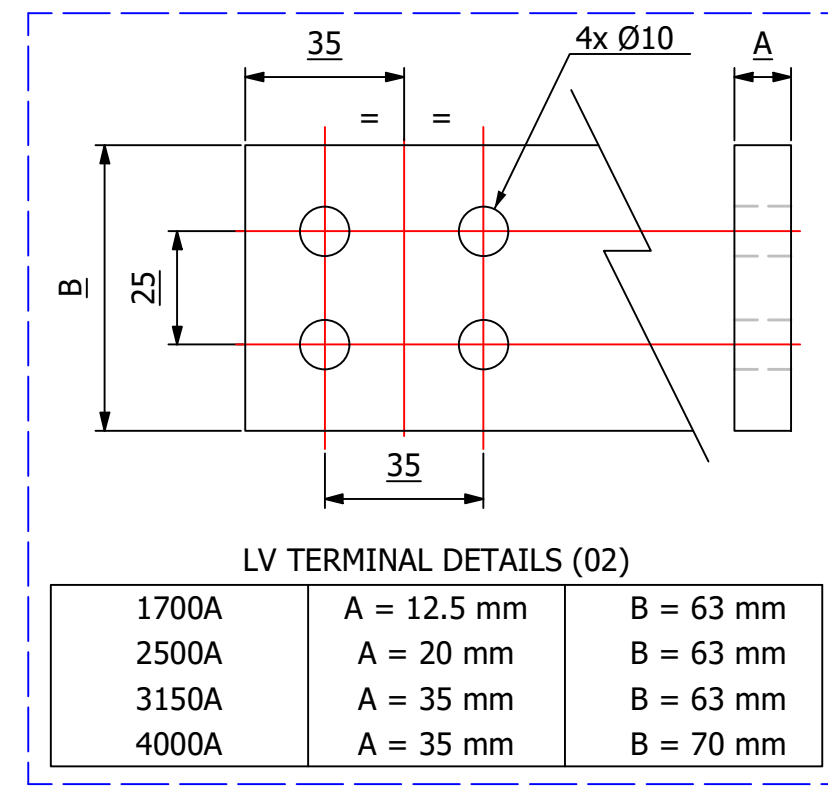
15	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 45 x 40P)
14	1	DRAIN VALVE (25NB) with MALE PLUG
13	4	JACKING PADS
12	1	RATING & DIAGRAM PLATE (SS)
11	4	TRANSFORMER LIFTING LUGS
10	1	OFF-CIRCUIT TAP SWITCH (5-Position & Padlockable)
9	2	THERMOMETER POCKET (3/4" BSP MALE THREAD)
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	ENVIRO GEL BREATHER TYPE R
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 RN2d-Tx/21] x PROTECTION, (FACING-'E' BS:2562)
ITEM	QTY	DESCRIPTION
PARTS LIST		

	 WILSON POWER SOLUTIONS		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. STOTSJUK	DATE: 06/04/2021	DRG NO:	WPS-T2-800-AL-006

TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	1850
TANK AND FITTING	kg	800
COOLING LIQUID VOLUME	L	800
COOLING LIQUID WEIGHT	kg	650
TOTAL TX WEIGHT	kg	3300
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	Kg	385

800kVA		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	41.989A	1066.698A
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%	585W	6000W	60°C	65°C	
GENERAL NOTES					
1 ALL DIMENSIONS ARE IN 'mm'.					
2 ALL DIMENSIONS/WEIGHTS ARE SUBJECT TO ± 10% TOLERANCE.					
3 ELECTRONIC SCALE - 1:1 (ONLY WRITTEN DIMENSIONS TO BE FOLLOWED).					
4 TOLERANCE ON IMPEDANCE PER IEC:60076.					
5 PAINT SHADE.: 632 AS PER BS:381C (SEMI GLOSS) TO ISO12944 - MIN C4 SPEC.					
6 O/ALL DIM IS SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.					
7					
8					
9					

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



LAST DEFINITION					
REV	REV BY	VERIFIED	APPROVED	DESCRIPTION	
1			5	1	

LAST REVISION	REVISION DESCRIPTION		REV 00	PROJECT
	ORIGINAL			CUSTOMER
			S.O. NUMBER	
			DATE	
	REV. BY:	M. STOTSJUK	06-APR-2021	P.O. NUMBER
	VERIFIED:			W.O. NUMBER
	APPROVED:			
4				▲

3

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 800KVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER RN2d	
1	2

			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. STOTSJUK	DATE: 06/04/2021	DRG NO: WPS-T2-800-AL-006	1	

WPDF02 REV 0 25-NOV-14