



GENERIC LV CABINET SHOWN. SIZES MAY CHANGE. FINAL DESIGN MAY REQUIRE SEPARATION FROM THE TX FOR TRANSPORTATION.



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	2260
TANK AND FITTING	kg	985
COOLING LIQUID VOLUME	L	930
COOLING LIQUID WEIGHT	kg	755
TOTAL TX WEIGHT	kg	4000
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	Kg	385
LV CABINET	kg	----

1250kVA		ELECTRICAL RATINGS			
No Load Voltage Ratio at Normal Tap	HV Tappings	Vector Group	Frequency	Full-Load Current at Normal Tap	
11000 / 433V	+5.0 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		
			in Oil by Therm.	in Wdg. by Res.	
5.0%	855W	9500W	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	2	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 (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	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 CABINET, BOTTOM ENTRY, GENERIC MODEL - SUBJECT TO CHANGE (FACING-'F', BS:2562)
1	1	HV RMU - 11kV, 200A, GCB, 630A BUS [Schneider RN2d-Tx/21] x PROTECTION, (FACING-'E' BS:2526)

**ESSENTIAL LABELS**

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

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

REVISION DESCRIPTION	REV	PROJECT

DRAWING TITLE  
GENERAL ARRANGEMENT DRAWING FOR  
1250kVA WILSON T2 ECOTRANS  
11000/433V, 50Hz, Dyn11, ONAN/KNAN  
AL WOUND DISTRIBUTION TRANSFORMER  
LV CABINET & RN2d

**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

WILSON POWER SOLUTIONS

DRAWN BY: M. STOTSJKU DATE: 07/04/2021 DRG NO: **WPS-T2-1250-AL-A007**