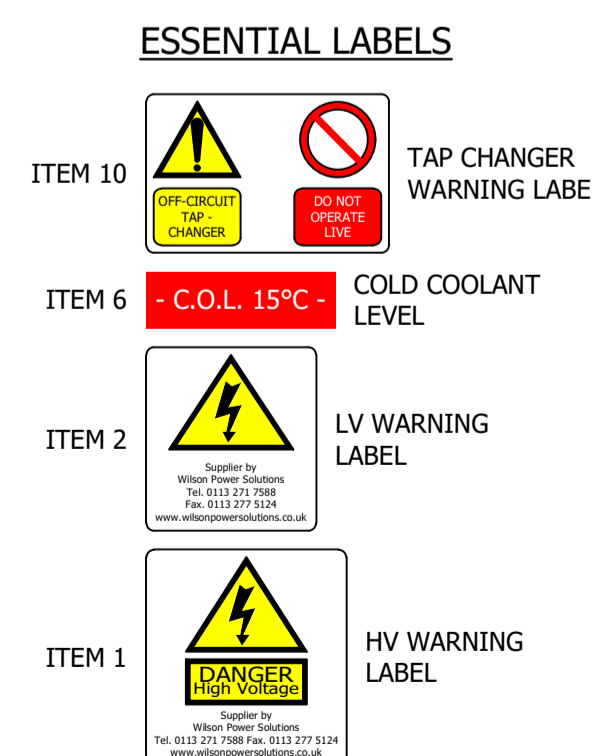


| TRANSFORMER WEIGHT & VOLUME | | |
|-------------------------------------|----|------|
| CORE AND WINDING | kg | 3000 |
| TANK AND FITTING | kg | 1120 |
| COOLING LIQUID VOLUME | L | 1390 |
| COOLING LIQUID WEIGHT | kg | 1135 |
| TOTAL TX WEIGHT | kg | 5255 |
| ADDITIONS TO THE TRANSFORMER WEIGHT |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

| 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 | |
| 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 | | | | | |

| 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 CABINET, BOTTOM ENTRY, GENERIC MODEL - SUBJECT TO CHANGE (FACING-'F', BS:2562) |
| 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 | REV BY | VERIFIED | APPROVED | DESCRIPTION |
|-----|--------|----------|----------|-------------|
| | | | | |

| REVISION DESCRIPTION | REV | PROJECT |
|----------------------|-----|---------|
| ORIGINAL | 00 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| CUSTOMER | S.O. NUMBER | P.O. NUMBER | W.O. NUMBER |
|----------|-------------|-------------|-------------|
| | | | |

DRAWING TITLE
 GENERAL ARRANGEMENT DRAWING FOR
 1250kVA WILSON e3 ECOTRANS ULTRA LOW LOSS
 11000/415V, 50Hz, Dyn11, ONAN/KNAN
 AL WOUND DISTRIBUTION TRANSFORMER
 LV CABINET & SN6 / CN2

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-A005