



- LEGEND:-**
1. TRANSFORMER
 2. BOTTOM FRAME
 3. NEUTRAL BAR
 4. INPUT TERMINAL S(100x50mm) M12 HOLES x2
 5. OUTPUT TERMINALS 180° APART
 6. EARTH BAR
 7. AIR INLET (BOTTOM)
 8. AIR OUTLET
 9. RATING PLATE TO AS 60076
 10. LIFTING EYES x4
 11. C-CHANNEL - 125mm HOT DIP GALVANISED
 12. FIBRE GLASS GLAND PLATE (250x180mm)
 13. GLAND PLATE CUT OUT (210x140mm)
 14. 4 MOUNTING HOLES(810x310mm) diameter-19mm
 15. SOLAR SHIELD

TRANSFORMER RATING:-
 PART No: ISO-3PH-315KVA
 POWER: 315KVA
 TYPE: DRY

COOLING: AN
 INSULATION CLASS: CLASS F (155°C)
 PHASES: 3

INPUT CONNECTION: STAR (Y)
OUTPUT CONNECTION: STAR (Y)
VECTOR CONNECTION: Yyn0
INPUT VOLTAGE: 415v
FREQUENCY: 50Hz
INPUT CURRENT: 438A
OUTPUT VOLTAGE: 415v
OUTPUT CURRENT: 438A
TOTAL WEIGHT: 1500 Kg (APPROX)
NO LOAD LOSSES: 770W (APPROX)
COPPER LOSS @ 75°C: 2080W (APPROX)
TEMPERATURE RISE: 100°C (APPROX)
IMPEDANCE: 2.0-2.4%

CONSTRUCTION NOTES:-
 1. CUBICLE MADE FROM SS304 -STAINLESS STEEL
 2. FIBRE GLASS INPUT/OUTPUT GLAND PLATE(250x180mm)
 3. NATURAL VENTILATION FOR TRANSFORMER IS THROUGH MESH IN THE BOTTOM AND VENTS ON THE TOP
 4. SOLAR SHIELD FOR WEATHER PROTECTION

TORTECH TRANSFORMERS
 UNIT 4/31 WENTWORTH STREET
 GREENACRE NSW 2190
 PH: (02) 9642 6003
 FAX: (02) 9642 6127

CLIENT:
 PROJECT DETAILS:
 315 KVA ISOLATION TRANSFORMER
 IP56-STAINLESS STEEL

DRAWING TITLE:
 GENERAL ARRANGEMENT

This drawing is copyright and the property of Tortech and must not be used without written authorisation.

3rd ANGLE PROJECTION

DATE: 16/02/2015
 QUANTITY: 1

ISO-3PH-315KVA

SIZE: DWG FILE: IP55V2.DWG
 SCALE: N/A GANESH SHEET: 1/1

REV 5