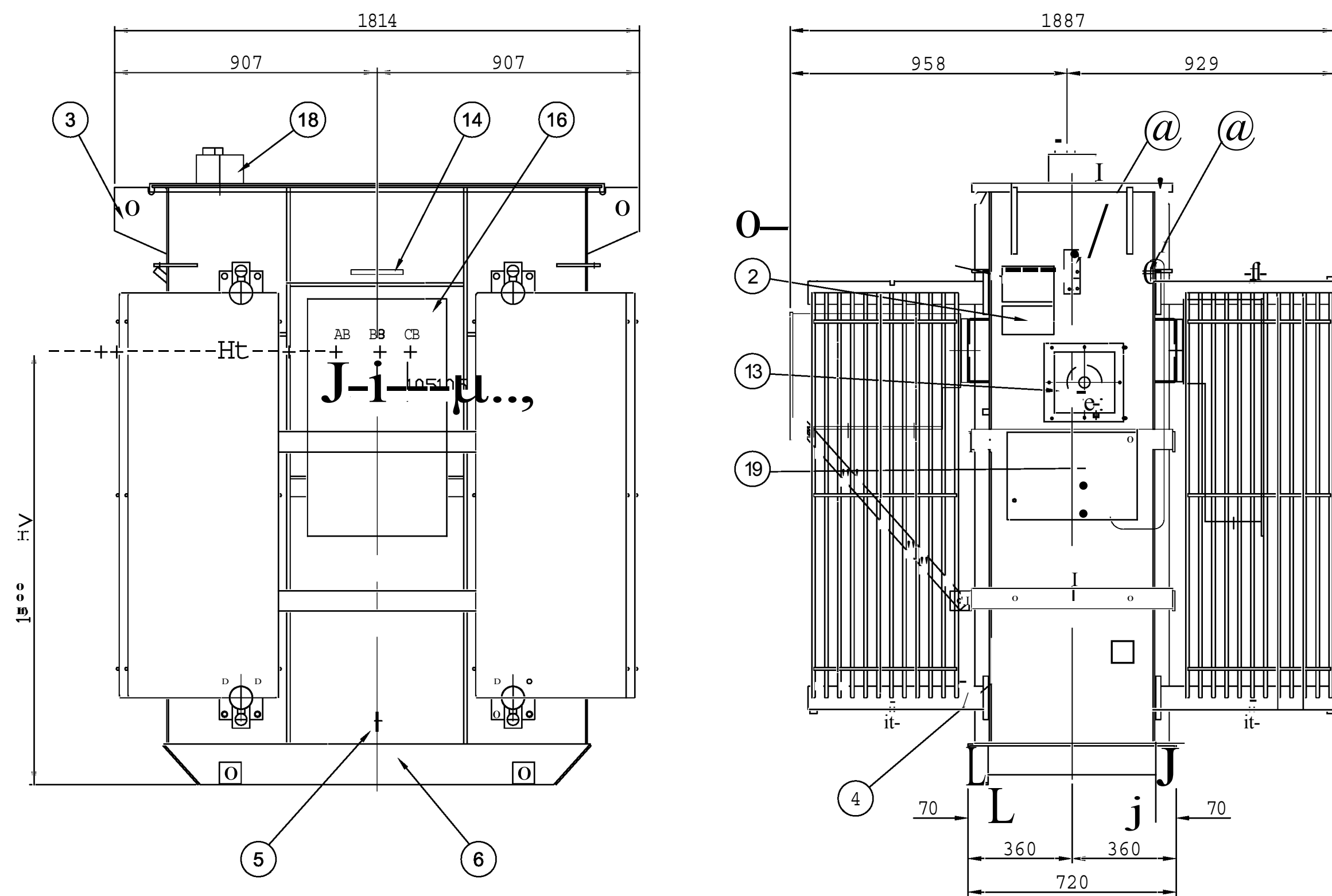


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| REV | DATE    | COMMENTS | Om  | Chk |
|-----|---------|----------|-----|-----|
| 0   | 08/2021 | Original | SMT | CN  |



NOTE!  
TANK PRESSURE TESTED TO 0.6 BAR  
& FILLED WITH NITROGEN GAS CUSHION  
PRIOR TO DESPATCH

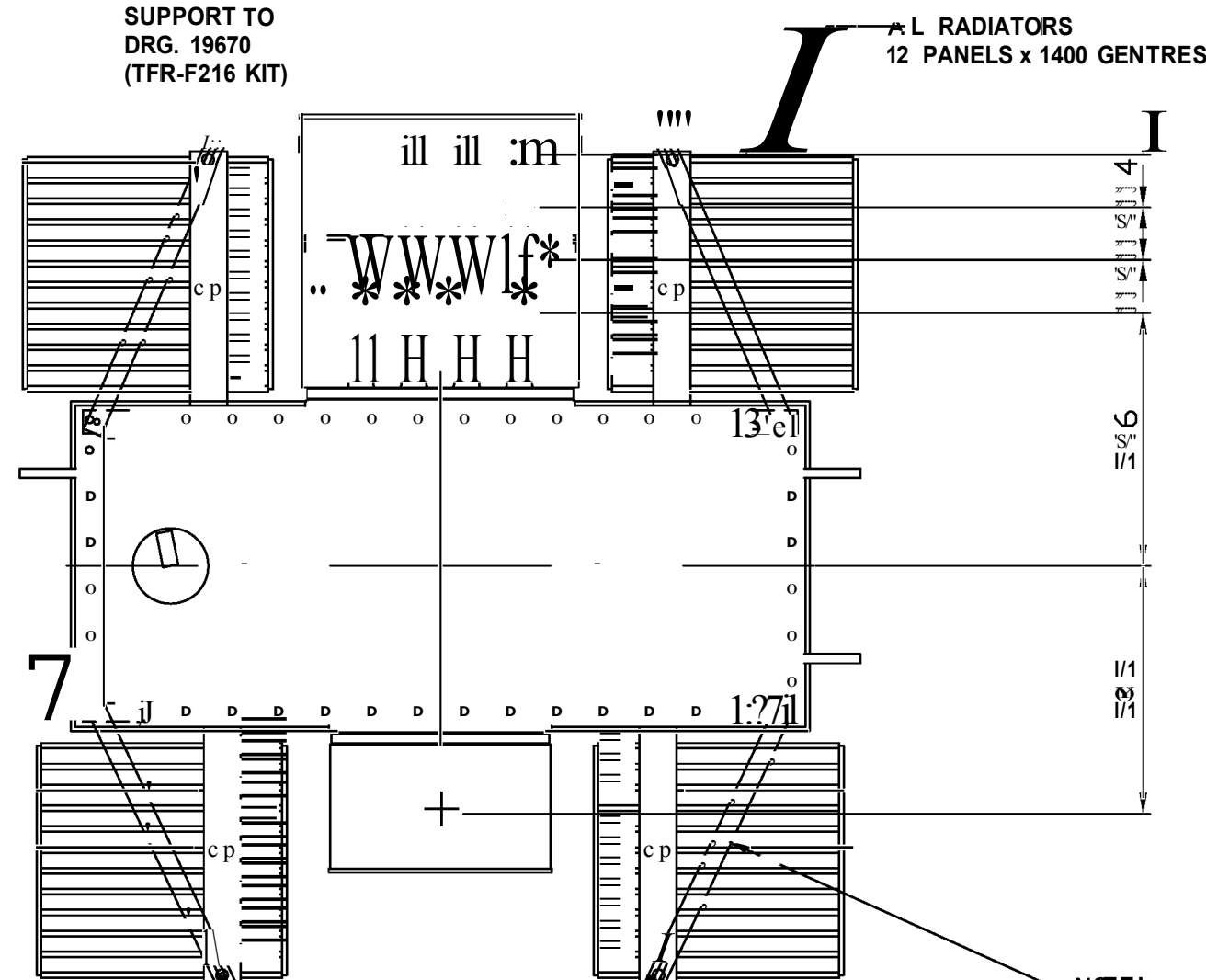
## TRANSFORMER FITTINGS

- ⊗ INDICATES ITEMS NOT FITTED
- CD RATING PLATE
- Ⓡ CONNECTION PLATE
- Ⓡ LIFTING LUG
- Ⓡ JACKING LUG
- Ⓡ EARTHING TERMINAL
- Ⓡ BASE SKIDS DRILLED FOR ROLLER AXLES
- Ⓡ 4 PLAIN ROLLERS
- Ⓡ FILLING ORIFICE
- Ⓡ BSP DRAIN VALVE & PLUG
- @ LIQUID LEVEL INDICATOR
- @ THERMOMETER POCKET
- Ⓡ AIR VENT
- @ EXTERNALLY OPERATED OFF-CIRCUIT TAPPING SWITCH ENCLOSED IN A REMOVABLE GASKETTED MS COVER.
- @ H.V. TERMINAL IDENTIFICATION PLATE
- @ L.V. TERMINAL IDENTIFICATION PLATE
- @ H.V. TERMINATIONS  
3 POLE CABLE BOX COMPLETE WITH UNDRILLED ALUMINUM GLAND PLATE, SUITABLE FOR FULLY INSULATED DRY TERMINATIONS AND CAPABLE OF ACCEPTING 3 X 1 CORE 95mm<sup>2</sup> CABLES ENTERING FROM BELOW. INSULATING MATERIALS, CABLE GLANDS AND CABLE LUGS ARE NOT INCLUDED.
- 17 L.V. TERMINATIONS  
4 POLE AIR INSULATED CABLE BOX COMPLETE WITH PILOT HOLED GLAND PLATE AND CAPABLE OF ACCEPTING 3 X 14 CORE CABLES UP TO 630mm<sup>2</sup> ENTERING FROM BELOW. CABLE TERMINATION KITS, GLANDS AND CABLE LUGS ARE NOT INCLUDED.
- @ OVER PRESSURE RELIEF DEVICE WITH CONTACTS
- @ LIQUID TEMPERATURE INDICATOR WITH 2 NO CONTACTS

PAINT FINISH:  
TO LTSC 1a - TO BS 381C COLOUR REF.632  
DARK ADMILITARY GREY

SHIPPING:  
NO ITEMS ARE SUPPLIED LOOSE WITH THE TRANSFORMER

POST INSULATOR  
SUPPORT TO  
DRG. 19670  
(TFR-F216 KIT)



L RADIATORS  
12 PANELS x 1400 CENTRES

## RATING PLATE DETAILS

|                                                                             |              |                        |         |
|-----------------------------------------------------------------------------|--------------|------------------------|---------|
| <b>Scneider Electric</b><br>Transformer to BS EN 60076:1997, IEC 60076:2000 |              |                        |         |
| Serial No.                                                                  | 1            | Phases                 | 3       |
| Rating                                                                      | kVA 2000     | Frequency              | Hz 50   |
| Volts                                                                       | {H.V.} 11415 | Connection symbol      | D, nll  |
| (no load)                                                                   | {L.V.} 400   | Type of cooling        | SEALED  |
| Amperes                                                                     | {H.V.} 101.2 | Insulating liquid      | □ L     |
| (full load)                                                                 | {L.V.} 2887  | Temp. Oil/Liquid       | degC 60 |
| Impedance                                                                   | % 1          | Rise Windings          | degC 65 |
|                                                                             |              | Altitude               | m -     |
|                                                                             |              | Untanking mass         | kg 2545 |
|                                                                             |              | Total mass             | kg 5130 |
|                                                                             |              | Mass of Oil/Liquid     | kg 1019 |
|                                                                             |              | Year of manufacture    | 17569   |
|                                                                             |              | Diagram of connections |         |
| Insulation levels:<br>LI75 AC28/AC3                                         |              |                        |         |
| 8695 www.schneider-electric.co.uk                                           |              |                        |         |

NOTE!  
RADIATOR BRACING STRAPS  
FITTED PRIOR TO DESPATCH  
TO BE REMOVED ON SITE

|                                   |           |
|-----------------------------------|-----------|
| WEIGHT OF CORE & WINDING ASSEMBLY | 2545 Kg   |
| WEIGHT OF TANK & FITTINGS         | 1570 Kg   |
| LIQUID QUANTITY                   | 1185 ltrs |
| TOTAL WEIGHT OF TRANSFORMER       | 5130 Kg   |
| TOTAL WEIGHT OF COMPLETE UNIT     | 5130 Kg   |
| THICKNESS OF TANK WALLS           | 6mm       |
| THICKNESS OF TANK COVER           | 4mm       |
| THICKNESS OF TANK BASE            | 6mm       |
| THICKNESS OF WALLS OF RADIATORS   | 1.2mm     |

DO NOT SCALE

FIRST ISSUED ON W.O. NO.  
101360004

ORIGINAL DRG.NO.  
-

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SCHNEIDER ELECTRIC

KVA: 2000 PHASES: 3  
FREQUENCY Hz : 50  
HV VOLTS : 11415  
LV VOLTS : 400  
CONNECTION : Dyn11  
SYMBOL  
E3-S - DIMENSIONS IN  
MILLIMETRES

MERLIN GERIN  
3rd Floor  
Leeds England LS10 1BB

Scneider Electric

100% RECYCLED PAPER

A1

DRAWN K.T.  
DATE 07/02/2012  
APPROVED F.N.  
DATE 07/02/2012

DRG.NO.  
LK5219100

CLIENT

insynch

Insynch Energy Acornfield Development  
Generator Transformer

OUTLINE ARRANGEMENT FOR AN OIL  
FILLED, HERMETICALLY SEALED, ONAN  
GROUND MOUNTED TRANSFORMER

| DRAWN BY    | DATE DRAWN    | CHECKED BY | DATE CHECKED |
|-------------|---------------|------------|--------------|
| SMT         | 08/21         | CN         | 08/21        |
| APPROVED BY | DATE APPROVED | SCALE      | SHEET NO.    |
|             |               | 1:15       |              |

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