

AMENDMENTS

A

ORIGINAL ISSUE

J R No.

DRN 332002

CHD

DATE 17-11-10

CRIMPED 'C' CONNECTORS (605)

DETAIL A

CRIMPED '6' CONNECTOR (605)

SEE NOTE 4

DETAILS B

SEE TYPE A DRG 332002

NUT & BOLT (5)

DETAILS C

CONNECTION TO EARTH BAR

SEE TYPE C DRG 332002

DETAILS D

CONNECTION TO LV SWITCH FRAME

(FIT 2,3 OR MORE PALM/LUGS)

NOTES

1). This earthing installation is not suitable for HV earthing for Frequented locations and Special locations.

2). Minimum separation between electrodes to be not less than electrode length.

3). Earthing installation must comply with SDI-100.

4). When compression connectors are used crimp the earth rod with a hexagonal die (Utilux 38-142 or equivalent) prior to crimping '6' connector. This is to avoid radial twist. Use two connectors at 50mm apart for each joint.

5). Use insulated cable from the equipment to the 1st electrode.

6). Down drop earth cable installation on poles ref drg 332002.

CADWELD TYPE GT (605)

70mm2 BARE COPPER (262)

70mm2 INSULATED COPPER REF NOTE 5 (230)

GROUND

LEVEL

TO ADDITIONAL ELECTRODES IF REQUIRED. REFER NOTE 2

TO EARTHING ON POLE REF NOTE 6 -OR EARTH BAR SEE DETAIL C/D

EARTH ROD ASSEMBLY (600) REF DRG 010637

USING CADWELD JOINTS

70mm2 BARE COPPER (262)

70mm2 INSULATED COPPER REF NOTE 5 (230)

GROUND

LEVEL

TO ADDITIONAL ELECTRODES IF REQUIRED. REFER NOTE 2

TO EARTHING ON POLE REF NOTE 6 -OR EARTH BAR SEE DETAIL C/D

EARTH ROD ASSEMBLY REF DRG 010637 (600)

USING CRIMPED (COMPRESSION) CONNECTORS

Endeavour Energy

DRIVEN ROD EARTHING INSTALLATION

PARTS AND ACCESSORY LIST

EARTH ROD ASSEMBLY	010637
STANDARD ASSEMBLY	332002

REFERENCE DRAWINGS

DRG. NO.

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DO NOT SCALE

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