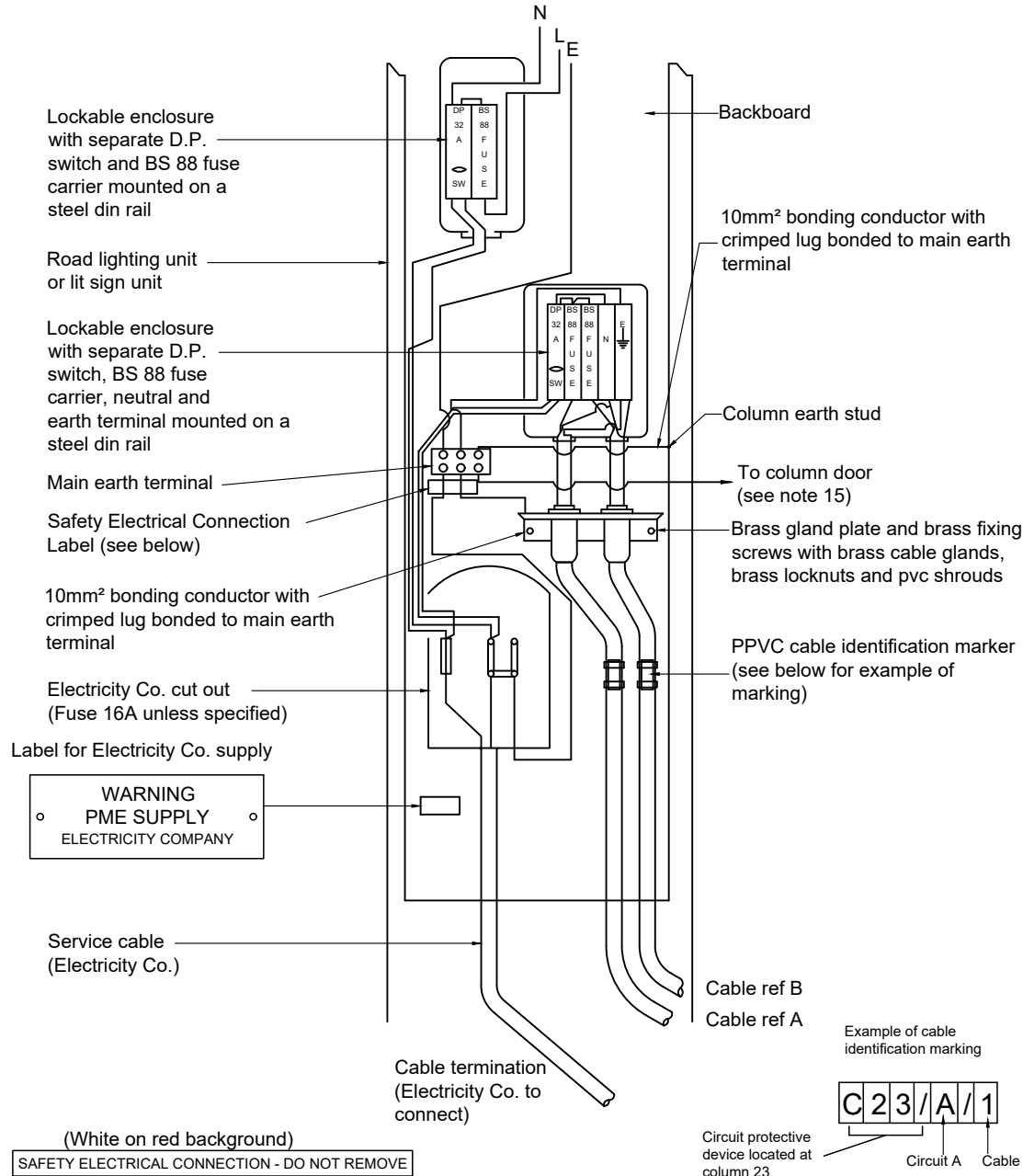


Electricity Company supplied Unit with 2 No. Protected Outgoing Sub Circuit



- Notes
- All dimensions are in millimetres unless stated otherwise.
  - All fused cut-outs shall comply with Clause 1416.
  - H.R.C. fuses shall be to B.S.88 Part 2 with current ratings as shown in the drawings and/or specification.
  - All S.W.A. cable terminations within lighting columns and lit sign units shall comply with Clause 1423.
  - Private network cables shall be terminated using brass glands to class E1W of B.S. 6121 complete with brass locknuts or rings and PVC shrouds.
  - All column internal wiring shall be cut to the correct length allowing for drip loops where necessary and installed in compliance with Clause 1419.
  - Size of cable connecting cut-out to lantern shall be:-  
Units up to 6m M.H. - 1.5mm<sup>2</sup> PVC/PVC single core  
Units over 6m M.H. - 2.5mm<sup>2</sup> PVC/PVC single core.  
Earth wire to be PVC insulated and of equal size to phase and neutral conductors.  
BS6004 Arctic Grade PVC Flex Cord may be used as an alternative.
  - Interconnecting wiring to be suitably rated in accordance with the circuit protective device.
  - Outgoing sub circuits shall be protected via a lockable unit containing a D.P. switch with fuse carrier.
  - Cables supplying a sign from a column shall be separately fused.
  - Cables supplying a bollard from a sign or column shall be separately fused.
  - Cables supplying a sign from a sign Do Not require separately fusing.
  - Cables supplying a column from a column Do Not require separately fusing.
  - Unless otherwise specified, all earthing shall comply with Clause 1420.
  - With the exception of doors of concrete columns fed from a P.M.E. service, all column doors and sign posts are to be earthed using a 10mm<sup>2</sup> multi stranded flexible earth cable with sufficient cable for the door to be laid flat on the ground.
  - A 10mm<sup>2</sup> main earth conductor shall be connected to the main earth terminal by the Contractor, leaving sufficient length for termination to the cut-out by the Electricity Co.
  - The Contractor shall be responsible for satisfactory completion of all electrical connections including those to the Electricity Co. cut-out.
  - All works to be carried out in accordance with the Specification for Highway Works and with the current edition of the I.E.E. Wiring Regulations.
  - Door fixing bolts shall be coated with protective grease.
  - Where cable Ref A or Ref B exceeds 10mm<sup>2</sup> the cables shall be terminated using an extension box with integral brass gland plate.
  - All labels to be of the traffolite type.
  - Class 2 lanterns shall not be provided with an earth cable.

A1	05/01/22	6mm <sup>2</sup> changed to 10mm <sup>2</sup> Note 7 amended	PC
Rev: AMENDMENT DETAILS		Date: Description:	Approved by:



Checked by:	PC	Approved by:	SB
ISSUED		04/12/14	

Termination Type C  
For use in columns with 168mmØ base and over

This is a typical detail and may require conversion to a full scheme specific drawing. NOT TO SCALE (all units in millimetres)

**Disclaimer :** Before making use of this detail, any designer or third party must ensure that it satisfies all requirements of the scheme to which it is being applied. Lincolnshire County Council accept no responsibility for third party use of this Standard Detail.

SD/14/4C Standard Detail Number	A1 Revision Number
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Electrical Works

SD/14/4C

A1