Street Lighting Cut-Outs

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Approved for issue by the Technical Policy Panel

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## Issue and Amendment Summary

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|              | 02/02/89   | Issue 1  
First Issue  
Prepared by: D J Howarth  
Approved by the Standards Steering Group and signed on its behalf by: D J Howarth |
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Prepared by: R L Ducat  
Approved by the Standards Steering Group and signed on its behalf by: |
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Specification amended to include PME and non-PME cutouts  
Prepared by: D S Macdonald  
Approved by the Standards Steering Group and signed on its behalf by: |
STREET LIGHTING CUT-OUTS

1. GENERAL REQUIREMENTS FOR APPROVALS AND TESTING

1.1 Product not to be Changed

No change in the product, packaging or labelling shall be made after Approval has been granted without prior notice to the Engineer, and receipt of agreement from the Engineer, in writing, to the proposed change.

1.2 Electricity North West Technical Approval

1.2.1 The Tenderer shall submit as part of this Tender, proposals for testing which will demonstrate, to the satisfaction of the Engineer, compliance with this specification. Such tests shall be carried out without expense to Electricity North West.

1.2.2 Alternatively, the Tenderer may submit technical reports and other data that he considers will demonstrate, to the satisfaction of the Engineer, compliance with this specification. Acceptance of this evidence shall be at the discretion of this Engineer but will not be unreasonably withheld.

1.3 Quality Assurance

1.3.1 The Tenderer shall confirm whether or not approval is held in accordance with the provisions of either the ESI Quality Assurance Registration Scheme or with BS 5750. If not, he shall advise the Engineer of details of quality assurance procedures employed to control the quality of the product. Including the performance of suppliers and sub-contractors.

1.3.2 The right is reserved for the for the Engineer to require, from time to time, the repeat of such tests as he may deem to be reasonably necessary to demonstrate continued compliance with the Specification.

1.3.3 The Tenderer shall submit, with his Tender, a list of tests and inspections which are carried out on the product prior to despatch which shall demonstrate, to the satisfaction of the Engineer, fitness for installation and service.

1.3.4 The Tenderer shall provide free of charge to Electricity North West such samples as may, in the opinion of the Engineer, be reasonably required for inspection and/or retention as quality control samples. The requirement for samples will be confirmed by the Engineer at the time of tendering.

1.3.5 The right is reserved for the Engineer to make, from time to time, such inspections of the Tenderer’s facilities as he may deem to be reasonably necessary to ensure compliance with this Specification and any Contract of which it forms a part.

1.4 Formulation

The Tenderer shall submit, with his Tender, such details of the formulation and use of the product and associated substances as will enable Electricity North West to comply with the obligations of the Health and Safety in the use of the product. The Tenderer may stipulate, prior to submission of such information, that he requires it to remain confidential and the Engineer will, if requested, confirm his agreement to this prior to receipt of the information.
1.5 **Identification Markings**

The Tenderer shall submit, with his Tender, details of markings which it is proposed to apply to the product or packaging to identify manufacturing batches or items. The forms and content of such markings shall be subject to the Approval of the Engineer.

1.6 **Manufacturers Already Approved**

Clauses 1.2.1, 1.2.2, 1.3.1, 1.3.3, 1.3.4, 1.4 and 1.5 will be waived in the case of products already approved.

2. **TECHNICAL PARTICULARS**

2.1 All cut-outs shall comply with the requirements of ESI Standard 12-19 ‘Single Phase Street Lighting Cut-outs – 25A Rating.

2.2 Cut-outs suitable for slimline columns:

The design of cut-out shall render it suitable for fitting in the various models of slimline street lighting column adopted by Local Authorities in the area by Electricity North West.

Due to the multiplicity of column types in this category, cut-out design shall be subject to individual assessment in respect of this requirement and, if satisfactory this requirement but otherwise meet the terms of this Specification shall be designed “General Purpose type”

2.3 Cut-outs shall be of the SP+N and SP+Combined N/E varieties marked on the outer case to indicate whether PME or Non-PME.

2.4 Cut-out variants having both single pole and double pole isolation are required.

3. **TECHNICAL APPROVAL**

3.1 Testing to Clause 9 of ESI 12-19 is preferred. A copy of the ESI Type Approval Certificate will constitute sufficient evidence of compliance in this case.

3.2 Manufacturers may be required to submit two samples of each item offered with the tender.