

BS 7654:2010



BSI Standards Publication

**Specification for single-phase
street lighting cut-out
assemblies for low-voltage
public electricity distribution
systems – 25 A rating for
highway power supplies and
street furniture**

bsi.

...making excellence a habit.™

This is a preview. [Click here to purchase the full publication.](#)

Publishing and copyright information

The BSI copyright notice displayed in this document indicates when the document was last issued.

© BSI 2010

ISBN 978 0 580 62873 3

ICS 29.120.50, 93.080.40

The following BSI references relate to the work on this standard:

Committee reference PEL/17

Draft for comment 09/30181290 DC

Publication history

First published June 1993

Second edition, July 1997

Third (present) edition, February 2010

Amendments issued since publication

Date	Text affected
------	---------------

Contents

Foreword *iii*

1	Scope and references	1
2	Terms and definitions	2
3	Classification	4
4	Characteristics	4
5	Product information	6
6	Normal service and mounting conditions	6
7	Constructional and performance requirements	7
8	Tests	15

Bibliography 28

List of figures

Figure 1 – Typical pillar and lug terminals	8
Figure 2 – Fuse-links for street lighting fuses	9
Figure 3 – Time current zones for 6 A, 16 A and 25 A fuse-links	10
Figure 4 – Time current zones for 10 A and 20 A fuse-links	10
Figure 5 – Ball pressure test apparatus	17
Figure 6 – Apparatus for impact test	19
Figure 7 – Electrical load cycling test rigs for Test 6	24

List of tables

Table 1 – Classification of fuse-units	4
Table 2 – Terminals – Number and disposition	12
Table 3 – Maximum temperature-rise at rated current	14
Table 4 – Type tests	16

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 28, an inside back cover and a back cover.

