

Non-metallic conduit fittings for electrical installations —

Part 5: Specification for rigid conduits, fittings and boxes of insulating material

ICS 29.120.10

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Foreword

This revision of this Part of this British Standard was prepared by Technical Committee PEL/213, *Cable Management Systems* and supersedes the 1982 edition which is now withdrawn.

The 1982 edition applied to conduit, conduit fittings and components made from suitable insulating material. It specified the requirements for components not of tubular form, for example, circular fittings and covers and reducers that were not covered in Part 1. Details were also given of the requirements for rigid conduits other than those specified in Part 1.

The title and contents of this edition of Part 5 have been revised to exclude circular conduits. Circular conduit fittings have been renamed circular conduit boxes.

The format of this edition follows that of those IEC Publications of similar content and includes standard sheets giving dimensions (metric) of non-circular conduits, couplers, bends, circular conduit boxes and other fittings.

Other Parts of this standard are:

— *Part 1: Specification for fittings and components of insulating material.*

A British Standard does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard does not confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 9, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

1 Scope

Ⓐ This Part of this British Standard specifies dimensions and requirements for conduit fitting and conduit boxes forming part of a conduit system complying with the relevant parts of the BS EN 61386 to ensure safety and interoperability. Ⓐ

Ⓐ 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

BS EN 61386-1, *Conduit systems for cable management – Part 1: General requirements*

3 Terms and definitions

3.1

conduit fitting

device designed to join or terminate one or more components of a conduit system, or for them to change direction

3.2

conduit box

conduit fitting, with a removable cover, designed to join or terminate one or more components of a conduit system, or for them to change direction

3.3

component

part of a conduit fitting which may be common to several conduit fittings Ⓐ

Ⓐ 4 General requirements

In addition to the requirements of this standard, products shall conform to the requirements of BS EN 61386-1.

Dimensions for conduit boxes, conduit fittings and components are shown in the standard sheets as follows: Ⓐ

Non-circular conduits	sheet 1
Moulded slip type coupler, plain	sheet 2
Inspection bends, plain	sheet 3
Inspection sleeve coupler, plain	sheet 4
Expansion type coupler, plain	sheet 5
Circular conduit Ⓐ boxes Ⓐ	sheet 6
Circular conduit Ⓐ boxes Ⓐ, looping	sheet 7
Covers for circular conduit fittings	sheet 8
Plain entry reducers	sheet 9
Extension rings	sheet 10

Compliance Ⓐ shall be Ⓐ checked by measurement.

5 Ⓐ Clause deleted Ⓐ