



DPC: 25/30511037 DC

BSI Group Headquarters

389 Chiswick High Road London W4 4AL

Tel: +44 (0)20 8996 9000

Fax: +44 (0)20 8996 7400

www.bsigroup.com

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Responsible committee: EPL/48 Electromechanical components and mechanical structures for electronic equipment

Interested committees:

Title: BS EN 61076-3-127 Ed.1.0 Draft CONNECTORS FOR ELECTRICAL AND ELECTRONIC EQUIPMENT –PRODUCT REQUIREMENTS –Part 3-127: Rectangular connectors – Detail specification for type XC hybrid connectors for fibre optic data transmission and power supply, with press locking.

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- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



48B/3164/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER:
IEC 61076-3-127 ED1

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2025-05-02

CLOSING DATE FOR COMMENTS:
2025-06-27

SUPERSEDES DOCUMENTS:
48B/3122/NP, 48B/3148/RVN

IEC SC 48B : ELECTRICAL CONNECTORS

SECRETARIAT:
United States of America

SECRETARY:
Mr Jeffrey Toran

OF INTEREST TO THE FOLLOWING COMMITTEES:
SC 86B

HORIZONTAL FUNCTION(S):

ASPECTS CONCERNED:

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Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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TITLE:

**CONNECTORS FOR ELECTRICAL AND ELECTRONIC EQUIPMENT –PRODUCT REQUIREMENTS
–Part 3-127: Rectangular connectors – Detail specification for type XC hybrid connectors for
fibre optic data transmission and power supply, with press locking**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONNECTORS FOR ELECTRICAL AND ELECTRONIC EQUIPMENT –
PRODUCT REQUIREMENTS –
Part 3-127: Rectangular connectors – Detail specification for hybrid
connectors with 2-pole 2,0 A max, 60 V DC electric portion for power
supply and type XC fibre optic portion for data transmission**

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IEC 61076-3-127 has been prepared by subcommittee 48B: Electrical connectors, of IEC technical committee 48: Electrical connectors and mechanical structures for electrical and electronic equipment. It is an International Standard.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
XX/XX/FDIS	XX/XX/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

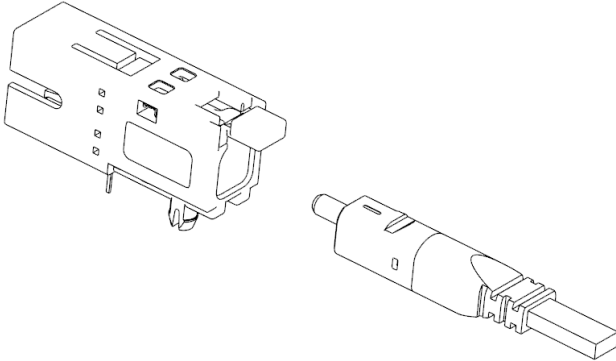
The language used for the development of this International Standard is English. This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications. The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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- withdrawn,
- replaced by a revised edition, or
- amended.

The National Committees are requested to note that for this document the stability date is 20XX.

THIS TEXT IS INCLUDED FOR THE INFORMATION OF THE NATIONAL COMMITTEES AND WILL BE DELETED AT THE PUBLICATION STAGE.

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IEC SC 48B – Connectors Specification available from: IEC General secretariat or from the addresses shown on the inside cover	IEC 61076-3-127 Ed.1
ELECTRONIC COMPONENTS DETAIL SPECIFICATION in accordance with IEC 61076-1	
	Rectangular connector Cylindrical ferrules 1 Φ 2.5mm optical ferrule 2 poles 2,0 A max electric contacts
	Straight connectors Fixed connectors Flange mounting Single hole mounting

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