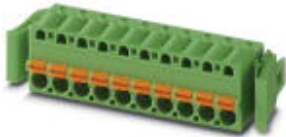


Printed-circuit board connector - FKC 2,5/12-ST-5,08-RF EX - 1796209

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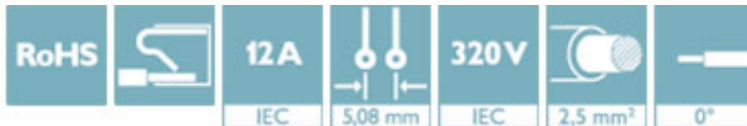
PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal current (Ex): 12 A, nominal voltage (Ex): 176 V, number of positions: 12, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



The figure shows a 10-position version of the product

Why buy this product

- ✓ Time saving push-in connection, tools not required
- ✓ Intuitive use through colour coded actuation lever
- ✓ Quick and convenient testing using integrated test option
- ✓ Satisfies the more stringent safety requirements of "Ex e" protection according to IEC 60079-7 for potentially explosive areas
- ✓ Can be combined with the MSTB 2,5 range
- ✓ Intuitive locking mechanism prevents accidental disconnection
- ✓ Intuitive locking mechanism prevents accidental disconnection



Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356636315

Technical data

Dimensions

Length [l]	25.73 mm
Width [w]	73.88 mm
Height [h]	15 mm
Pitch	5.08 mm
Dimension a	55.88 mm

General

Range of articles	FKC 2,5/..-ST-RF-EX
Type of contact	Female connector

Printed-circuit board connector - FKC 2,5/12-ST-5,08-RF EX - 1796209

Technical data

General

Number of positions	12
Connection method	Push-in spring connection
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm ²
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Printed-circuit board connector - FKC 2,5/12-ST-5,08-RF EX - 1796209

Approvals

Approvals

Approvals

EAC

Ex Approvals

EAC Ex

Approval details

EAC		B.01742
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