

## Printed-circuit board connector - FKC 2,5/ 5-STF-5,08-EX - 1903300

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Plug component, Nominal current: 11 A, Number of positions: 5, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin, The current, voltage and conductor cross section data refer to EU type-examination certificate No. KEMA 99ATEX3508U. The Ex rating is only valid in connection with ground terminal block ZFKK 1,5-MSTBV-5,08-PE/F-EX, order no. 1903232

The illustration shows version FKC 2,5/5-ST-5,08 AU



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	10.08 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	5.08 mm
Dimension a	20.32 mm

#### General

Range of articles	FKC 2,5/...-STF-EX
Rated voltage (III/3)	175 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	11 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	12 A (with 2.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm
Number of positions	5

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### Technical data

#### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>

### Classifications

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

#### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

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## Approvals

Approvals

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Approvals

GOST

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Ex Approvals

ATEX / IECEx

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Approvals submitted

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## Approval details



## Drawings

Dimensioned drawing

