

## Printed-circuit board connector - FKC 2,5/ 7-STF-5,08-EX - 1903326

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The figure shows a 10-position version of the product

Plug component, Nominal current: 11 A, Number of positions: 7, 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



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Weight per Piece (excluding packing) | 13.51 GRM |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 5.08 mm  |
| Dimension a | 30.48 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                     | 7                                                       |

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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 |

#### 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 |

### Approvals

#### Approvals

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### 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

GOST 

### Drawings

Dimensioned drawing

