

**A-series
AFS 4 2C BK**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Fon: +49 5231 1429-0
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www.weidmueller.com

**Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

| | |
|------------|---|
| Type | AFS 4 2C BK |
| Order No. | 2429860000 |
| Version | Fuse terminal, PUSH IN, 4 mm ² , 250 V, 6.3 A, Black |
| GTIN (EAN) | 4050118439717 |
| Qty. | 50 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|--------------------------|--------|-----------------|------------|
| Width | 6.1 mm | Width (inches) | 0.24 inch |
| Height | 74 mm | Height (inches) | 2.913 inch |
| Depth | 68 mm | Depth (inches) | 2.677 inch |
| Depth including DIN rail | 69 mm | Net weight | 17.5 g |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |
|----------------------------------|--------|----------------------------------|--------|

Material data

| | | | |
|---------------------------|-------|--------|-------|
| Material | Wemid | Colour | Black |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-------------------------------|-------|----------------------------------|----|
| End cover plate required | Yes | Number of potentials | 1 |
| Number of levels | 1 | No. of clamping points per level | 2 |
| Number of potentials per tier | 1 | PE connection | No |
| Mounting rail | TS 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | | | |
|---------------------|---------------|------------------|-------|
| Installation advice | Mounting rail | Open sides | right |
| Type of fixing | Snap-on | Type of mounting | TS 35 |
| With snap-in pegs | No | | |

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|---------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, rated connection, max. | 4 mm ² |
| Clamping range, rated connection, min. | 0.5 mm ² | Connection direction | top |
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm ² | Gauge to IEC 60947-1 | A4 |
| Number of connections | 2 | Stripping length | 12 mm |
| Twin wire-end ferrules, max. | 1.5 mm ² | Twin wire-end ferrules, min. | 0.5 mm ² |
| Type of connection | PUSH IN | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 4 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² | Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross section, solid core max. rated connection | 4 mm ² | Wire connection cross section, solid core, min. rated connection | 0.5 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 4 mm ² | Wire connection cross section, stranded, rated connection, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 4 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |

Data sheet

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Technical data

Rating data

| | | | |
|-------------------------------------|-------------------|------------------------|------------------|
| Rated cross-section | 4 mm ² | Rated voltage | 250 V |
| Rated voltage to adjoining terminal | 500 V | Rated current | 6.3 A |
| Current at maximum wires | 6.3 A | Standards | DIN EN 60947-7-3 |
| Pollution severity | 3 | Surge voltage category | III |

UL rating data

| | | | |
|--|--------|--|--------|
| Certificate No. (cURus) | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG | Conductor size Field wiring max. (cURus) | 10 AWG |
| Conductor size Field wiring min. (cURus) | 26 AWG | Current size B (cURus) | 10 A |
| Current size C (cURus) | 10 A | Current size D (cURus) | 10 A |
| Voltage size B (cURus) | 300 V | Voltage size C (cURus) | 150 V |
| Voltage size D (cURus) | 300 V | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 6.0 | EC000899 | eClass 6.2 | 27-14-11-26 |
| eClass 9.1 | 27-14-11-16 | | |

Approvals

Approvals



ROHS Conform

Downloads

Engineering Data [EPLAN](#)

Data sheet

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Drawings

