

SFS 4 2C BK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

| | |
|------------|---|
| Version | Fuse terminal, SNAP IN, black, 4 mm ² , 6.3 A, 250 V, Number of connections: 2, Number of levels: 1, TS 35 |
| Order No. | 2941480000 |
| Type | SFS 4 2C BK |
| GTIN (EAN) | 4099986710948 |
| Qty. | 50 pc(s). |

Creation date April 22, 2025 11:10:03 PM CEST

Catalogue status 22.04.2025 / We reserve the right to make technical changes.

SFS 4 2C BK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

| | | | |
|------------|----------|-----------------|------------|
| Depth | 79.1 mm | Depth (inches) | 3.114 inch |
| Height | 67.7 mm | Height (inches) | 2.665 inch |
| Width | 6.1 mm | Width (inches) | 0.24 inch |
| Net weight | 20.113 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C | | |

Material data

| | | | |
|---------------------------|-------|--------------------------------|-------|
| Material | Wemid | Insulating material | Wemid |
| Colour | black | Colour of operational elements | green |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-------------------------------|-----|-------------------------------------|-------|
| End cover plate required | Yes | Number of potentials | 1 |
| Number of levels | 1 | Number of clamping points per level | 2 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |
| PE connection | No | Rail | TS 35 |
| N-function | No | PE function | No |
| PEN function | No | | |

Additional technical data

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

Conductors for clamping (additional connection)

Connection type, additional connection SNAP IN

SFS 4 2C BK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|-------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0.75 mm ² | Connection cross-section, stranded, max. | 4 mm ² |
| Connection cross-section, stranded, min. | 0.75 mm ² | Connection direction | top |
| Gauge to IEC 60947-1 | A4 | Number of connections | 2 |
| Stripping length | 12 mm | Type of connection | SNAP IN |
| Type of connection 2 | SNAP IN | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 20 | Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross section, finely stranded, min. | 0.75 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.75 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.75 mm ² | Wire connection cross-section, solid core, max. | 4 mm ² |
| Wire connection cross-section, solid core, min. | 0.75 mm ² | | |

General

| | | | |
|---|---------------|---|--------|
| Installation advice | TS 35 | Rail | TS 35 |
| Standards | IEC 60947-7-3 | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 20 | | |

Rating data

| | | | |
|-------------------------------------|-------------------|--|---------|
| Rated cross-section | 4 mm ² | Rated voltage | 250 V |
| Rated voltage to adjoining terminal | 500 V | Rated DC voltage | 400 V |
| Rated current | 6.3 A | Current at maximum wires | 6.3 A |
| Standards | IEC 60947-7-3 | Volume resistance according to IEC 60947-7-x | 1 mΩ |
| Rated impulse withstand voltage | 4 kV | Power loss in accordance with IEC 60947-7-x | 1.02 mW |
| Pollution severity | 3 | Surge voltage category | III |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000899 | ETIM 7.0 | EC000899 |
| ETIM 8.0 | EC000899 | ETIM 9.0 | EC000899 |
| ETIM 10.0 | EC000899 | ECLASS 9.0 | 27-14-11-16 |
| ECLASS 9.1 | 27-14-11-16 | ECLASS 10.0 | 27-14-11-16 |
| ECLASS 11.0 | 27-14-11-16 | ECLASS 12.0 | 27-14-11-16 |
| ECLASS 13.0 | 27-25-01-13 | ECLASS 14.0 | 27-25-01-13 |
| ECLASS 15.0 | 27-25-01-13 | | |

Data sheet

SFS 4 2C BK

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

Approvals



Downloads

Engineering Data

[CAD data – STEP](#)

User Documentation

[TI_maximum_voltages_with_adjoning_terminals](#)

Data sheet

SFS 4 2C BK

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

