

ZF 4 S GN**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

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Product image

Bus bar taps with insulation offer finger safety on the one hand. On the other hand, the colored insulation also indicates the respective potential, such as the neutral conductor or PE.

General ordering data

| | |
|------------|---|
| Version | Accessories, Tension clamp for bus bar, Rated cross-section: 2.5 mm ² , Tension-clamp connection, Wemid, Green/yellow, Direct mounting, Busbar |
| Order No. | 1814670000 |
| Type | ZF 4 S GN |
| GTIN (EAN) | 4032248302963 |
| Qty. | 50 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Depth | 22 mm | Depth (inches) | 0.866 inch |
| Height | 24.5 mm | Height (inches) | 0.965 inch |
| Width | 6.1 mm | Width (inches) | 0.24 inch |
| Net weight | 4.52 g | | |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |
|----------------------------------|--------|----------------------------------|--------|

Material data

| | | | |
|----------|-------|---------------------------|-------|
| Material | Wemid | Insulating material | Wemid |
| Colour | green | UL 94 flammability rating | V-0 |

System specifications

| | | | |
|------------------|----------------------|-------------------------------------|----|
| Version | for busbar 10 x 3 mm | End cover plate required | No |
| Number of levels | 1 | Number of clamping points per level | 1 |

Additional technical data

| | | | |
|---------------------|-------------------------|------------------|---------|
| Installation advice | Direct mounting, Busbar | Type of mounting | Plugged |
|---------------------|-------------------------|------------------|---------|

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|--------------------------|
| Connection cross-section, stranded, max. | 4 mm ² | Connection cross-section, stranded, min. | 0.5 mm ² |
| Connection direction | on side | Number of connections | 1 |
| Stripping length | 10 mm | Type of connection | Tension-clamp connection |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 4 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

Dimensions

| | |
|--------------|---------|
| TS 35 offset | 39.5 mm |
|--------------|---------|

General

| | | | |
|---------------------|-------------------------|-----------------------------------|--------|
| Installation advice | Direct mounting, Busbar | Operating temperature range, max. | 120 °C |
| Standards | IEC 60947-7-1 | | |

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Rating data

| | | | |
|--|---------------------|---------------------------------|---------------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 100 V |
| Rated current | 24 A | Standards | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ | Rated impulse withstand voltage | 6 kV |
| Power loss in accordance with IEC 60947-7-x | 0.77 W | Pollution severity | 3 |
| Surge voltage category | III | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000001 | ETIM 7.0 | EC000001 |
| ETIM 8.0 | EC000001 | ECLASS 9.0 | 27-14-11-46 |
| ECLASS 9.1 | 27-14-11-46 | ECLASS 10.0 | 27-14-11-46 |
| ECLASS 11.0 | 27-14-11-46 | ECLASS 12.0 | 27-14-11-46 |

Approvals

Approvals



ROHS

Conform

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC certificate |
| Engineering Data | CAD data – STEP |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |