

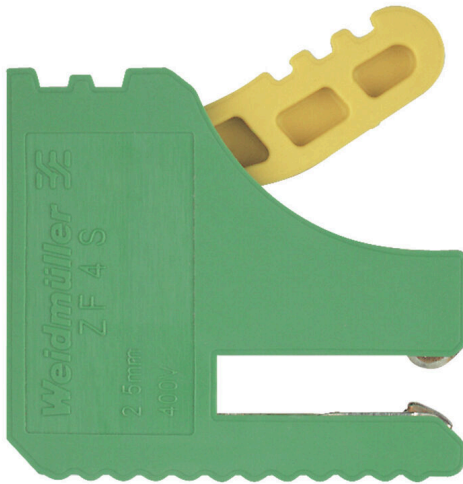
ZF 4 S GN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



Weidmueller offers tapping terminals for various types of bus bar systems. Depending on the application, a distinction can be made here between insulated and non-insulated tap-off terminals.

General ordering data

| | |
|------------|------------------------------|
| Version | Terminal (busbar connection) |
| Order No. | 1814670000 |
| Type | ZF 4 S GN |
| GTIN (EAN) | 4032248302963 |
| Qty. | 50 items |

ZF 4 S GN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 22 mm | Depth (inches) | 0.8661 inch |
| Height | 24.5 mm | Height (inches) | 0.9646 inch |
| Width | 6.1 mm | Width (inches) | 0.2402 inch |
| Net weight | 3.98 g | | |

Temperatures

| | | | |
|----------------------------------|---------------|----------------------------------|--------|
| Ambient temperature | -5 °C...40 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C | | |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Material data

| | | | |
|----------------|-------|---------------------------|-------|
| Basic 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 potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 1 | Mounting rail | Busbar |

Additional technical data

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

Conductors for clamping (rated connection)

| | | | |
|---|--------------------------|---|---------------------|
| Connection direction | on side | Stripping length | 10 mm |
| Type of connection | Tension-clamp connection | Number of connections | 1 |
| Clamping range, max. | 4 mm ² | Clamping range, 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, 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, max. | 2.5 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Connection cross-section, stranded, max. | 4 mm ² | Connection cross-section, stranded, 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 |
|--------------|---------|

ZF 4 S GN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

General

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

Rating data

| | | | |
|---------------------------------|---------------------|--|---------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 400 V |
| Rated DC voltage | 400 V | Nominal 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 |
| Surge voltage category | III | Pollution severity | 3 |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000001 | ETIM 9.0 | EC000001 |
| ETIM 10.0 | EC000001 | ECLASS 14.0 | 27-25-01-16 |
| ECLASS 15.0 | 27-25-01-16 | | |