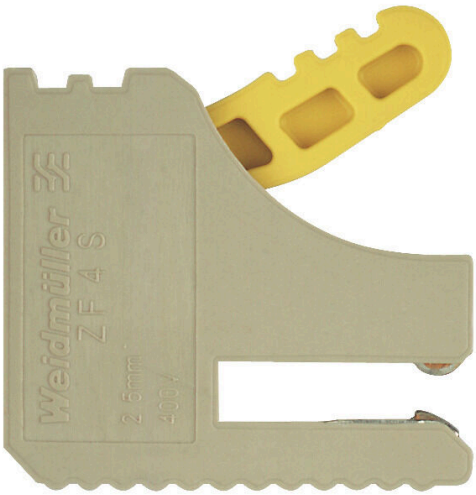
Data sheet

ZF 4 S

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.	1814680000
Type	ZF 4 S
GTIN (EAN)	4032248302949
Qty.	50 items

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Data sheet

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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	4.5 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	silver	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 mm²	Clamping range, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross section, finely stranded, max.	2.5 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Connection cross-section, stranded, max.	4 mm²	Connection cross-section, stranded, min.	0.5 mm²
Wire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

General

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

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Technical data

Rating data

Rated cross-section	2.5 mm²	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		

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