

**ZF 4 S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**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	Terminal (busbar connection)
Order No.	<a href="#">1814680000</a>
Type	ZF 4 S
GTIN (EAN)	4032248302949
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	4.5 g		

**Temperatures**

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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**Material data**

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

**System specifications**

Version	for busbar 10 x 3 mm
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**Additional technical data**

Installation advice	Direct mounting, Busbar	Type of mounting	Plugged
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**Conductors for clamping (rated connection)**

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 <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**General**

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

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	400 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	ETIM 9.0	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	ECLASS 13.0	27-25-01-16

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Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity

[Confirmation of Standards EN 45545-2\\_2020-10](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[StorageConditionsTerminalBlocks](#)

Catalogues

[Catalogues in PDF-format](#)