ZF 4 S

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Germany

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	Accessories, Tension clamp for bus bar, Rated cross-section: 2.5 mm², Tension-clamp connection, Wemid, dark beige, Direct mounting, Busbar
Order No.	1814680000
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

Material data

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

System specifications

Version	for busbar 10 x 3 mm

Additional technical data

Installation advice	Direct mounting, Busbar	Type of mounting	Plugged

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 mm²	Wire connection cross section, finely 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		

Rating data

Rated cross-section	2.5 mm²	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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Technical data

Approvals

Approvals	
ROHS	Conform

Downloads

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