

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

Klingenbergstraße 26

D-32758 Detmold

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	Terminal (busbar connection)
Order No.	1814660000
Type	ZF 4 S BL
GTIN (EAN)	4032248302956
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
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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	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
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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

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 ²	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		

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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

Environmental Product Compliance

REACH SVHC

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Approvals

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of Con-
formity[Confirmation of Standards EN 45545-2_2020-10](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[StorageConditionsTerminalBlocks](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures