

WF 10-8/2BZ GR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

The comprehensive range of stud terminals ensures secure connections for all power transmission applications. Connections range from 10 mm² to 300 mm². The connectors are attached to the threaded pins using crimped cable lugs and each connection is secured by tightening the hexagon nut. Stud terminals with threaded pins from M5 to M16 can be used according to the wire cross-section.

General ordering data

Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 120 mm ² , Threaded stud connection
Order No.	1861640000
Type	WF 10-8/2BZ GR
GTIN (EAN)	4032248497089
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Depth	63.5 mm	Depth (inches)	2.5 inch
Height	67 mm	Height (inches)	2.638 inch
Width	32 mm	Width (inches)	1.26 inch
Net weight	0.111 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	grey
UL 94 flammability rating	V-0		

System specifications

End cover plate required	No	Number of levels	1
Number of clamping points per level	3	Levels cross-connected internally	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	Yes	Snap-on	Yes
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1244019	Current size C (CSA)	325 A
Voltage size C (CSA)	1000 V	Wire cross section max. (CSA)	0000 AWG
Wire cross section min. (CSA)	00 AWG		

Conductors for clamping (rated connection)

Connection direction	on side	Number of connections	2
Stud size for spade connection	M 10	Type of connection	Threaded stud connection
Wire connection cross section, finely stranded, max.	120 mm ²	Wire connection cross section, finely stranded, min.	6 mm ²

General

Rail	TS 35
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Rating data

Rated cross-section	120 mm ²	Rated voltage	1,000 V
Rated DC voltage	1,000 V	Rated current	269 A
Volume resistance according to IEC 60947-7-x	0.12 mΩ	Power loss in accordance with IEC 60947-7-x	8.61 W
Pollution severity	3	Surge voltage category	III

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Technical data

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	0000 AWG
Current size C (cURus)	325 A	Voltage size C (cURus)	1000 V

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

Approval/Certificate/Document of Conformity	UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

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Drawings



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www.weidmueller.com**Accessories****Marker holder**

The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	