

WF 10-8/2BZ GR

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

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 items

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Technical data

Approvals

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

Dimensions and weights

Depth	63.5 mm	Depth (inches)	2.5 inch
Height	67 mm	Height (inches)	2.6378 inch
Width	32 mm	Width (inches)	1.2598 inch
Net weight	98.03 g		

Temperatures

Storage temperature	-25 °C...55 °C	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	Colour	grey
UL 94 flammability rating	V-0		

System specifications

End cover plate required	No	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

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

CSA rating data

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

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	kcmil 250	Connection direction	on side
Type of connection	Threaded stud connection	Number of connections	2

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Technical data

Clamping range, max.	120 mm ²	Clamping range, min.	6 mm ²
Wire connection cross section AWG, min.	AWG 8	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	6 mm ²	Wire connection cross section, finely stranded, max.	120 mm ²
Wire connection cross section, finely stranded, min.	6 mm ²	Connection cross-section, stranded, max.	120 mm ²
Connection cross-section, stranded, min.	6 mm ²	Stud size for spade connection	M 8
Wire connection cross-section, solid core, max.	120 mm ²	Wire connection cross-section, solid core, min.	6 mm ²
Connection cross-section, finely stranded, min.	6 mm ²		

General

Wire connection cross section AWG, max.	kcmil 250	Wire connection cross section AWG, min.	AWG 8
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	120 mm ²	Rated voltage	1000 V
Rated DC voltage	1000 V	Nominal current	269 A
Current at maximum wires	269 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.12 mΩ	Power loss in accordance with IEC 60947-7-x	8.61 W
Surge voltage category	III	Pollution severity	3

UL rating data

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

Classifications

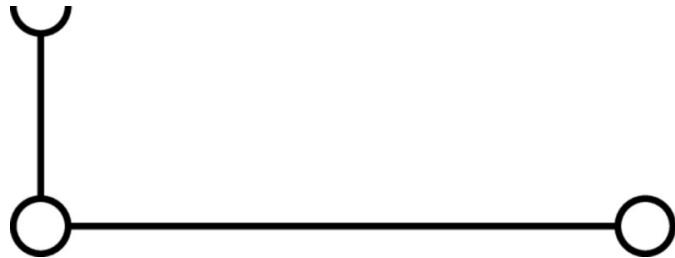
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

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Drawings

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

End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

Type	WTW WF10-8/2BZ	Version
Order No.	1861650000	Partition plate (terminal), grey, Height: 95 mm, Width: 2 mm, V-0
GTIN (EAN)	4032248498048	
Qty.	20 ST	