

WBBD 16 GY**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.	2603840000
Type	WBBD 16 GY
GTIN (EAN)	4050118652307
Qty.	12 pc(s).

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Technical data

Dimensions and weights

Depth	55.2 mm	Depth (inches)	2.173 inch
Height	47.8 mm	Height (inches)	1.882 inch
Width	15.2 mm	Width (inches)	0.598 inch
Net weight	76 g		

Temperatures

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

Material data

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

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO03ATEX136028U	Certificate No. (IECEX)	IECEXULD13.0005U
Current (ATEX)	76 A	Wire cross section max. (ATEX)	16 mm ²
Current (IECEX)	76 A	Wire cross section max. (IECEX)	16 mm ²

System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1

Additional technical data

Installation advice	Terminal rail / mounting plate	Type of mounting	Snap-on
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Conductors for clamping (rated connection)

Blade size	Gr. PZ2	Clamping range, max.	16 mm ²
Clamping range, min.	1.5 mm ²	Clamping screw	M 6
Connection cross-section, stranded, max.	16 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Number of connections	2
Stripping length	12 mm	Tightening torque, max.	2.5 Nm
Tightening torque, min.	2.5 Nm	Type of connection	Screw connection
Wire connection cross section, finely stranded, max.	16 mm ²	Wire connection cross section, finely stranded, min.	1 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	1.5 mm ²

General

Installation advice	Terminal rail / mounting plate	Standards	IEC 60947-7-1
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Creation date July 5, 2024 2:09:52 AM CEST

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Rating data

Rated cross-section	16 mm ²	Rated voltage	690 V
Rated DC voltage	690 V	Rated current	114 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.42 mΩ
Power loss in accordance with IEC 60947-7-x	2.43 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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	8eb3a2db-1bf7-4e36-90c8-13894424d475

Approvals

Approvals



ROHS	Conform
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Downloads

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