

W-Series
WDU 4 GE/SW

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
Fon: +49 5231 14-0
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www.weidmueller.com

Product image**Shielding and earthing**

Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields. A comprehensive range of accessories rounds off our range.

General ordering data

Type	WDU 4 GE/SW
Order No.	1020190000
Version	Feed-through terminal, Screw connection, 4 mm ² , 800 V, 32 A, yellow, black
GTIN (EAN)	4008190150402
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Width	6.1 mm	Width (inches)	0.24 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Weight	10.4 g
Net weight	9.644 g		

Temperatures

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Storage temperature, max.	40 °C
Storage temperature, min.	10 °C	Storage temperature	10 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	yellow, black
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	690 V	Current (ATEX)	32 A
Wire cross section max. (ATEX)	4 mm ²	Max. voltage (IECEX)	690 V
Current (IECEX)	32 A	Wire cross section max. (IECEX)	4 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, for plug-in cross-connector, for screwable cross-connection, One end without connector	Tightening torque (clamping screw for aluminium conductors)	0.5 Nm
Tightening torque (clamping screw for copper conductors)	0.5...1 Nm	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

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Technical data
Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A4
Number of connections	2	Stripping length	10 mm
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2	Twin wire-end ferrules, max.	2.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 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.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Dimensions

TS 35 offset	37 mm
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Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated current	32 A	Current at maximum wires	41 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

Classifications

ETIM 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-20
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Approvals

Approvals



CSAEX ATEX



IEC EX



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate CB Testreport CB Certificate DE_PT1001_20160414_203_ISSUE01.pdf ATEX Certificate
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	NTI WDU/WPE 4

Safety note

Safety notice	Safety Information
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Drawings

