

**Z-series
ZDU 6-2/D+**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image**Spring connection with tension clamp Technology**

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	ZDU 6-2/D+
Order No.	1121120000
Version	Z-series, Component terminal, Feed-through terminal, Rated cross-section: 6 mm², Tension-clamp connection
GTIN (EAN)	4032248902224
Qty.	20 pc(s).

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Technical data
Dimensions and weights

Width	8.1 mm	Width (inches)	0.319 inch
Height	70 mm	Height (inches)	2.756 inch
Depth	57 mm	Depth (inches)	2.244 inch
Net weight	19.93 g		

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	graphite black
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, with diode, for plug-in cross-connector, One end without connector	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

Electronic component	Diode	Open sides	right
Type of mounting	Snap-on		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.5 mm ²	Connection direction	Inclined / angled
Number of connections	2	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Rating data

Rated cross-section	6 mm ²	Rated voltage	1,000 V
Rated current	5 A	Volume resistance according to IEC 60947-7-x	0.78 mΩ

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Technical data**Classifications**

ETIM 3.0	EC000903	ETIM 4.0	EC000903
ETIM 5.0	EC000903	ETIM 6.0	EC000903
eClass 6.2	27-14-11-27	eClass 7.1	27-14-11-27
eClass 8.1	27-14-11-27	eClass 9.0	27-14-11-27
eClass 9.1	27-14-11-47		

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity	DE_PT1143_20160418_1292_ISSUE01.pdf
Engineering Data	EPLAN_WSCAD
Engineering Data	STEP
User Documentation	Beipackzettel-ZDU6-2D.pdf

Safety note

Safety notice	Safety Information
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