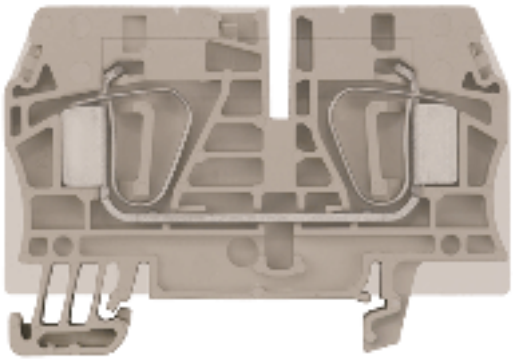
Z-series
ZEI 6

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



Terminal blocks in tension clamp system and the Z Series are specially customised to the customers' requirements. Less space, spacious labelling area, integrated test point, cross-connection functionality within the Z Series and another family of terminals by Weidmüller.
Z-Series terminals have a large clamping range and one or two cross-connection slots.
Plug-in standard cross-connections enable potentials to be distributed over any number of terminals.

General ordering data

Type	ZEI 6
Order No.	1791190000
Version	Z-series, Supply terminal, Rated cross-section: 6 mm², Tension clamp connection, Wemid, Dark Beige
GTIN (EAN)	4032248230662
Qty.	20 pc(s).

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Technische Daten

Dimensions and weights

Length	65 mm	Width	10 mm
Height	45 mm	Height of lowest version	45.5 mm
Net weight	20.46 g		

Temperatures

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

Additional technical data

Explosion-tested version	No	Open sides	closed
Type of mounting	Snap-on	Version	Tension-clamp connection, Supply terminal, for plug-in cross-connector, closed

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm²

Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	13 mm
Blade size	1.0 x 5.5 mm	Connection direction	top
Number of connections	2	Clamping range, rated connection, min.	0.5 mm²
Clamping range, rated connection, max.	10 mm²	Gauge to IEC 60947-1	A5
Wire connection cross section, solid core, max. rated connection	0.5 mm²	Wire connection cross section, solid core max. rated connection	10 mm²
Wire connection cross section, finely stranded, max.	10 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	6 mm²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	6 mm²
Twin wire-end ferrules, min.	0.5 mm²	Twin wire-end ferrules, max.	2.5 mm²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 8

Dimensions

TS 35 offset	39 mm

Rated data

Rated cross-section	6 mm²	Rated voltage	500 V
Rated impulse withstand voltage	8 kV	Rated current	41 A
Current at maximum wires	57 A	Standards	IEC 60947-7-1
Pollution severity	4		

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Technische Daten

Material data

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

System specifications

Product family	Z-series	Type of connection	Tension clamp connection
Connection direction	top	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	No		

Classifications

ETIM 3.0	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		

Product information

Descriptive text ordering data	End plate is integrated.
Descriptive text technical data	Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.
Descriptive text accessories	The plug-in cross-connections ZQV 1.5/... can be used.

Approvals

Approvals	ME25
ROHS	Conform