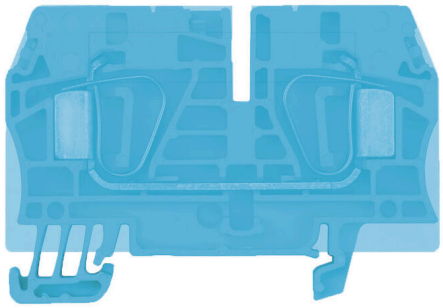
Data sheet

ZEI 6 BL

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

www.weidmueller.com

Product image



Our feed-in terminal blocks in combination with cross-connections offer the possibility of flexible potential distribution on terminal blocks with a different rated cross-section.

General ordering data

Version	Supply terminal, Tension-clamp connection, 6 mm², 500 V, 41 A, blue
Order No.	1530040000
Type	ZEI 6 BL
GTIN (EAN)	4050118334982
Qty.	20 items
Delivery status	This article will no longer be available in the future.
Last order date	2027-04-30T00:00:00+02:00
Alternative product	ZEI 6

Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	45 mm	Depth (inches)	1.7716 inch
Depth including DIN rail	45.5 mm	Height	65 mm
Height (inches)	2.5591 inch	Width	10 mm
Width (inches)	0.3937 inch	Net weight	20.46 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temperature, min.	-50 °C	Continuous operating temperature, 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	blue
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, Supply terminal, for plug-in cross-connector, in closed state	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
PE connection	No	Mounting rail	TS 35

Additional technical data

Open sides	closed	Explosion-tested version	No
Type of mounting	Snap-on		

Conductors for clamping (additional connection)

Connection type, additional connection	Tension-clamp connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A5	Wire connection cross section AWG, max.	AWG 8
Connection direction	top	Stripping length	13 mm
Type of connection	Tension-clamp connection	Number of connections	2
Conductor cross-section (rated connection), max.	10 mm²	Conductor cross-section (rated connection), min.	0.5 mm²

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Technical data

Blade size	1.0 x 5.5 mm	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, finely stranded, max.	10 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Connection cross-section, stranded, max.	6 mm²	Connection cross-section, stranded, min.	0.5 mm²
Twin wire-end ferrules, max.	2 mm²	Twin wire-end ferrules, min.	0.5 mm²
Wire connection cross-section, solid core, max.	10 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Dimensions

TS 35 offset	39 mm

General

Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	6 mm²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	41 A
Current at maximum wires	57 A	Standards	IEC 60947-7-1
Contact resistance	0.78 mΩ	Rated impulse withstand voltage	8 kV
Power loss (IEC 60947-7-x)	1.31 W	Pollution severity	4

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

