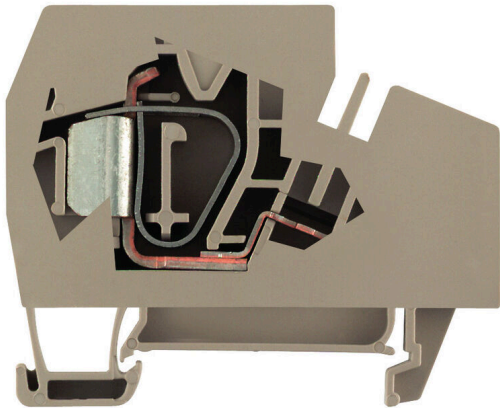


ZEI 16-2/1AN**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

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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, 16 mm ² , 800 V, 76 A, dark beige
Order No.	1772940000
Type	ZEI 16-2/1AN
GTIN (EAN)	4032248136568
Qty.	20 items

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

Dimensions and weights

Depth	50.5 mm	Depth (inches)	1.9882 inch
Depth including DIN rail	51.5 mm	Height	61.5 mm
Height (inches)	2.4213 inch	Width	14 mm
Width (inches)	0.5512 inch	Net weight	24.9 g

Temperatures

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

System specifications

Version	Tension-clamp connection, for plug-in cross-connector, in closed state	End cover plate required	Yes
Number of levels	1	Number of clamping points per level	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35		

Additional technical data

Open sides	closed	Number of similar terminals	1
Explosion-tested version	No	Type of mounting	Snap-on

CSA rating data

Wire cross section max. (CSA)	4 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	65 A	Certificate No. (CSA)	200039-1152892
Wire cross section min. (CSA)	14 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

Technical data

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A7	Wire connection cross section AWG, max.	AWG 4
Connection direction	Inclined / angled	Stripping length	18 mm
Type of connection	Tension-clamp connection	Number of connections	1
Clamping range, max.	25 mm ²	Clamping range, min.	1.5 mm ²
Blade size	1.0 x 5.5 mm	Wire connection cross section AWG, min.	AWG 14
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
Wire connection cross section, finely stranded, max.	16 mm ²	Wire connection cross section, finely stranded, min.	1.5 mm ²
Connection cross-section, stranded, max.	25 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	1.5 mm ²

General

Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 14
Standards	In accordance with IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	16 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	76 A
Current at maximum wires	76 A	Standards	In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	2.43 W	Pollution severity	3

UL rating data

Conductor size Factory wiring max. (UR)	4 AWG	Current size C (UR)	65 A
Voltage size C (UR)	600 V	Conductor size Factory wiring min. (UR)	14 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	14 AWG
Conductor size Field wiring max. (UR)	4 AWG		

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		

Drawings

