

ZP 2.5/1AN/QV/16**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Version	Z-series, Plug-in connector, dark beige, Direct mounting
Order No.	1815340000
Type	ZP 2.5/1AN/QV/16
GTIN (EAN)	4032248370146
Qty.	10 pc(s).

ZP 2.5/1AN/QV/16

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Technical data

Dimensions and weights

Depth	41 mm	Depth (inches)	1.614 inch
Height	23 mm	Height (inches)	0.906 inch
Net weight	60.8 g	Width	81.6 mm
Width (inches)	3.213 inch		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50
Continuous operating temp., max.	120		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Set of connectors, Cross-connector, pluggable, Tension-clamp connection	End cover plate required	No
Number of levels	1	Number of clamping points per level	1
Levels cross-connected internally	No	PE connection	No

Additional technical data

Installation advice	Direct mounting	Number of similar terminals	1
Open sides	closed	Type of mounting	Plugged

CSA rating data

Certificate number (cCSAus)	154685-1460993	Current size C (cCSAus)	20 A
Current size D (cCSAus)	5 A	Voltage size C (cCSAus)	300 V
Voltage size D (cCSAus)	600 V	Wire cross section max. (cCSAusX)	12 AWG
Wire cross section min. (cCSAusX)	26 AWG		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.13 mm ²	Connection direction	top
Gauge to IEC 60947-1	A2	Number of connections	16
Stripping length	10 mm	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 14
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

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Technical data

Dimensions

TS 35 offset	42 mm
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General

Installation advice	Direct mounting	Number of poles	16
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 14

Rating data

Power loss in accordance with IEC 60947-7-x	0.77 W	Rated cross-section	2.5 mm ²
Rated voltage	1,000 V	Rated voltage to adjoining terminal	500 V
Max. voltage of clamp support & pluggable system	690 V	Rated current	24 A
Current at maximum wires	24 A	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	8 kV	Rated impulse withstand voltage to adjacent terminal	6 kV

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size C (cURus)	20 A
Current size D (cURus)	5 A	Voltage size C (cURus)	300 V
Voltage size D (cURus)	600 V		

Classifications

ETIM 6.0	EC002848	ETIM 7.0	EC002848
ECLASS 9.0	27-14-11-92	ECLASS 9.1	27-14-11-92
ECLASS 10.0	27-14-11-92	ECLASS 11.0	27-14-11-92

Approvals

Approvals



ROHS Conform

UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DNVGL certificate CB Testreport CB Certificate
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.