ZPS 2.5/1AN/QV/3

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Product image

A coupling offers the possibility to use the WeiCoS connector system without a base terminal block. The system can be used as a floating or permanently installed application for connecting two conductors.

General ordering data

Version	Z-series, Coupling, Rated cross-section: 2.5 mm², Plug-in connection, beige, Direct mounting
Order No.	1865910000
Type	ZPS 2.5/1AN/QV/3
GTIN (EAN)	4032248499250
Qty.	20 pc(s).

ZPS 2.5/1AN/QV/3

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Technical data

Dimensions and weights

Depth	42 mm	Depth (inches)	1.654 inch
Height	22.55 mm	Height (inches)	0.888 inch
Width	17.8 mm	Width (inches)	0.701 inch
Net weight	12.4 g		

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	Plug-in connector, pluggable, Tension-clamp connection	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	Type of mounting	Plugged

CSA rating data

Certificate No. (CSA)	200039-1720292	Current size C (CSA)	20 A
Current size D (CSA)	5 A	Voltage size C (CSA)	300 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm²
Clamping range, min.	0.13 mm²	Connection direction	top
Gauge to IEC 60947-1	A2	Number of connections	3
Stripping length	10 mm	Type of connection	Plug-in connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	0.13 mm²

ZPS 2.5/1AN/QV/3

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Technical data

General

Installation advice	Direct mounting	Number of poles	3
Standards	IEC 60947-7-1, IEC 61984	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26		

Rating data

Rated cross-section	2.5 mm²	Rated voltage	500 V
Rated current	24 A	Current at maximum wires	24 A
Standards	IEC 60947-7-1, IEC 61984	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3		

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)	24 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
ETIM 8.0	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	ECLASS 12.0	27-14-11-92

Approvals

Approvals

ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DNVGL certificate
Engineering Data	CAD data – STEP
Engineering Data	WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format