W-Series, WeiCoS
WP4/1AN/1

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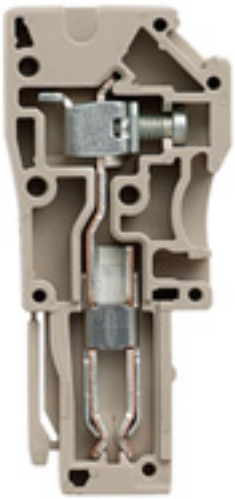

The versatile and extensive range of products - from 0.05 mm² to 300 mm² - means that you have diverse options for your applications at your disposal.
Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

General ordering data

Type	WP4/1AN/1
Order No.	1107790000
Version	W-Series, WeiCoS, Plug-in connector
GTIN (EAN)	4032248882915
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Length	22.4 mm	Height	48.6 mm
Height of lowest version	48.6 mm	Net weight	7.26 g

Temperatures

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

Additional technical data

Version	Screw connection, Plug

Clampable wires (rated connection)

Type of connection	Screw connection	Blade size	0.6 x 3.5 mm
Connection direction	top	Clamping range, rated connection, min.	0.5 mm²
Clamping range, rated connection, max.	6 mm²	Clamping screw	M 3
Gauge to IEC 60947-1	A4	Wire connection cross section, solid core, max. rated connection	0.5 mm²
Wire connection cross section, solid core max. rated connection	6 mm²	Wire connection cross section, stranded, rated connection, min.	0.5 mm²
Wire connection cross section, stranded, rated connection, max.	6 mm²	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, rated connection, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 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.	4 mm²		

Rated data

Rated cross-section	4 mm²	Rated voltage	800 V
Rated impulse withstand voltage	8 kV	Rated current	32 A
Current at maximum wires	32 A	Standards	IEC 60947-7-1, IEC 61984
Pollution severity	3		

UL ratings data

Certificate No. (cURus)	E60693VOL1SEC91	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	30 A
Current size C (cURus)	30 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V	Wire cross section max. (cURus)	10 AWG

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Material data

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

System specifications

Product family	W-Series, WeiCoS	Type of connection	Screw connection
Connection direction	top	End cover plate required	No

Classifications

ETIM 3.0	EC000447	eClass 6.2	27-14-92-14
eClass 7.1	27-14-92-14		

Approvals

Approvals	
ROHS	Conform