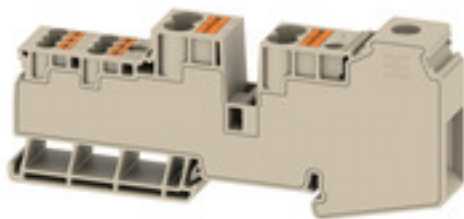


AWPD 35 4X6/6X2.5**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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	Potential distributor terminal, Screw connection, 35, 1000 V, 110 A, Number of connections: 11, TS 35, dark beige, Colour of operational elements: orange
Order No.	2728620000
Type	AWPD 35 4X6/6X2.5
GTIN (EAN)	4050118801125
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Depth	50 mm	Depth (inches)	1.969 inch
Height	125 mm	Height (inches)	4.921 inch
Width	16.2 mm	Width (inches)	0.638 inch
Net weight	80 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	110 °C		

Material data

Material	Wemid	Colour	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

Version	Hybrid terminal, Potential distributor	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	11	Number of potentials per tier	1
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	No	Open sides	closed
Snap-on	Yes	Type of mounting	TS 35

Conductors for clamping (additional connection)

Blade size, additional connection	1.0 x 5.5 mm	Clamping range, further connection, max.	6 mm ²
Clamping range, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible, further connection, min.	0.5 mm ²
Connection direction	top	Connection type, additional connection	PUSH IN
Cross-section for connected wire, AWG, additional connection, max.	AWG 10	Cross-section for connected wire, AWG, additional connection, min.	AWG 20
Cross-section for connected wire, flexible, further connection, max.	6 mm ²	Cross-section for connected wire, solid-core, further connection, max.	6 mm ²
Cross-section for connected wire, solid-core, further connection, min.	0.5 mm ²	Number of connections, additional connection	4
Rated cross-section, further connection	6 mm ²	Stripping length, additional connection	12 mm

Conductors for clamping (rated connection)

Blade size	1 x 5.5
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Technical data

Clampable conductor	Connection specification	Screw connection	
	Cross-section for conductor connection	min.	1.5 mm ²
		max.	35 mm ²
		nominal	35 mm ²
		min.	1.5 mm ²
		max.	35 mm ²
		nominal	35 mm ²
		min.	1.5 mm ²
		max.	35 mm ²
		nominal	35 mm ²
		min.	1.5 mm ²
		max.	35 mm ²
		nominal	35 mm ²
	wire end ferrule	Number of conductors / contact point	1
		Stripping length	min. 17 mm
			max. 17 mm
			nominal 17 mm
		Tightening torque	min. 2.5 Nm
			max. 2.5 Nm
			nominal 2.5 Nm
		Recommended wire-end ferrule	
		Number of conductors / contact point	1
		Recommended wire-end ferrule	
		Number of conductors / contact point	1
		Stripping length	min. 17 mm
			max. 17 mm
			nominal 17 mm
		Tightening torque	min. 2.5 Nm
			max. 2.5 Nm
			nominal 2.5 Nm
		Recommended wire-end ferrule	
		Number of conductors / contact point	1
		Stripping length	min. 17 mm
			max. 17 mm
			nominal 17 mm
		Tightening torque	min. 2.5 Nm
			max. 2.5 Nm
			nominal 2.5 Nm
		Recommended wire-end ferrule	
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	6 mm ²
		nominal	6 mm ²
		min.	0.5 mm ²
		max.	6 mm ²
		nominal	6 mm ²
		min.	0.5 mm ²
		max.	6 mm ²
		nominal	6 mm ²
		min.	0.5 mm ²
		max.	6 mm ²
		nominal	6 mm ²
	wire end ferrule	Number of conductors / contact point	4
Creation date May 6, 2024 10:39:57 AM CEST		Stripping length	min. 12 mm
			max. 12 mm
			nominal 12 mm
Catalogue status 20.04.2024 / We reserve the right to make technical changes.		Recommended wire-end ferrule	3

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Technical data

Clamping range, max.	35 mm ²
Clamping range, min.	1.5 mm ²
Clamping screw	M 6
Connection direction	top
Gauge to IEC 60947-1	B9
Number of connections	11
Stripping length	17 mm
Tightening torque, max.	2.5 Nm
Tightening torque, min.	2.5 Nm
Twin wire-end ferrules, max.	6 mm ²
Twin wire-end ferrules, min.	1.5 mm ²
Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 2
Wire connection cross section, finely stranded, max.	35 mm ²
Wire connection cross section, finely stranded, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 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 with wire-end ferrules DIN 46228/4, max.	35 mm ²
Wire connection cross-section, solid core, max.	35 mm ²
Wire connection cross-section, solid core, min.	1.5 mm ²

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 2

Rating data

Rated cross-section	35 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,000 V
Rated current	110 A	Current at maximum wires	110 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.26 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	4 W
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	2 AWG
Conductor size Factory wiring min. (cURus)	14 AWG	Conductor size Field wiring max. (cURus)	2 AWG
Conductor size Field wiring min. (cURus)	14 AWG		

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Technical data

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-19

Approvals

Approvals



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

Downloads

Approval/Certificate/Document of Conformity	CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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Drawings

