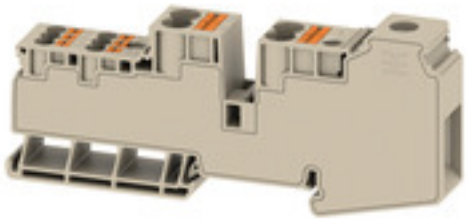
AWPD 35 4X6/6X2.5

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, dark beige, 35 mm², 110 A, 1000 V, Number of connections: 11, Number of levels: 1, TS 35, V-0, Wemid
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
Levels cross-connected internally	No	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 mm²
Clamping range, further connection, min.	0.5 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm²	Conductor cross-section, flexible, further connection, min.	0.5 mm²
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 mm²	Cross-section for connected wire, solid-core, further connection, max.	6 mm²
Cross-section for connected wire, solid-core, further connection, min.	0.5 mm²	Number of connections, additional connection	4
Rated cross-section, further connection	6 mm²	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 mm²	
		max.	35 mm²	
		nominal	35 mm²	
		min.	1.5 mm²	
		max.	35 mm²	
		nominal	35 mm²	
		min.	1.5 mm²	
		max.	35 mm²	
		nominal	35 mm²	
		min.	1.5 mm²	
		max.	35 mm²	
		nominal	35 mm²	
	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 mm²	
		max.	6 mm²	
		nominal	6 mm²	
		min.	0.5 mm²	
		max.	6 mm²	
		nominal	6 mm²	
		min.	0.5 mm²	
		max.	6 mm²	
		nominal	6 mm²	
		min.	0.5 mm²	
		max.	6 mm²	
		nominal	6 mm²	
	wire end ferrule	Number of conductors / contact point	4	
		Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Recommended wire-end ferrule		

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Technical data

Clamping range, max.	35 mm²
Clamping range, min.	1.5 mm²
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 mm²
Twin wire-end ferrules, min.	1.5 mm²
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 mm²
Wire connection cross section, finely stranded, min.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm²
Wire connection cross-section, solid core, max.	35 mm²
Wire connection cross-section, solid core, min.	1.5 mm²

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 mm²	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
ECLASS 14.0	27-25-01-19		

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

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

