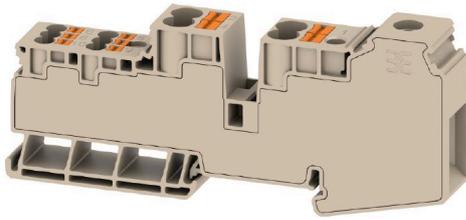


AWPD 35 4X6/6X2.5

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 mm ² , 110 A, 1000 V, Number of connections: 11, Number of levels: 1
Order No.	2728620000
Type	AWPD 35 4X6/6X2.5
GTIN (EAN)	4050118801125
Qty.	20 items

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Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	51.6 mm	Depth (inches)	2.0315 inch
Height	117.93 mm	Height (inches)	4.6429 inch
Width	16.2 mm	Width (inches)	0.6378 inch
Net weight	80 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

Material data

Basic 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	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

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

Conductors for clamping (additional connection)

Connection direction additional connection	top	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.	10 mm ²

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

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B9	
Wire connection cross section AWG, max.	AWG 14	
Connection direction	top	
Tightening torque, max.	2.5 Nm	
Tightening torque, min.	2.5 Nm	
Stripping length	17 mm	
Type of connection 2	PUSH IN	
Type of connection	Screw connection	
Number of connections	11	
Clamping range, max.	35 mm ²	
Clamping range, min.	1.5 mm ²	
Clamping screw	M 6	
Blade size	1 x 5.5	
Wire connection cross section AWG, min.	AWG 2	
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm ²	
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, 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, max.	35 mm ²	
Wire connection cross section, finely stranded, min.	1.5 mm ²	
Connection cross-section, stranded, max.	35 mm ²	
Connection cross-section, stranded, min.	1.5 mm ²	
Twin wire-end ferrules, max.	6 mm ²	
Twin wire-end ferrules, min.	1.5 mm ²	
Wire connection cross-section, solid core, max.	35 mm ²	
Wire connection cross-section, solid core, min.	1.5 mm ²	
Clampable conductor	Connection specification	
	Cross-section for conductor connection	Screw connection
		min.
	max.	35 mm ²

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	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
	Number of conductors / contact point	1	
	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
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	
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	
	Stripping length	min.	12 mm
		max.	12 mm
		nominal	12 mm

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Technical data

	Number of conductors / contact point	4
	Stripping length	min. 12 mm
		max. 12 mm
		nominal 12 mm
	Number of conductors / contact point	4
	Stripping length	min. 12 mm
		max. 12 mm
		nominal 12 mm
Cross-section for conductor connection	min.	0.5 mm ²
	max.	2.5 mm ²
	nominal	2.5 mm ²
	min.	0.5 mm ²
	max.	2.5 mm ²
	nominal	2.5 mm ²
	min.	0.5 mm ²
	max.	2.5 mm ²
	nominal	2.5 mm ²
	min.	0.5 mm ²
	max.	2.5 mm ²
	nominal	2.5 mm ²
wire end ferrule	Number of conductors / contact point	4
	Stripping length	min. 10 mm
		max. 10 mm
		nominal 10 mm
	Number of conductors / contact point	4
	Stripping length	min. 10 mm
		max. 10 mm
		nominal 10 mm
	Number of conductors / contact point	4
	Stripping length	min. 10 mm
		max. 10 mm
		nominal 10 mm

General

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

Rating data

Rated cross-section	35 mm ²	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1000 V
Nominal 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	4.00 W
Surge voltage category	III	Pollution severity	3

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Technical data**UL rating data**

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

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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Drawings

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