

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 pc(s).

AWPD 35 4X6/6X2.5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	51.6 mm	Depth (inches)	2.031 inch
Height	117.93 mm	Height (inches)	4.643 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 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
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.	10 mm ²	Cross-section for connected wire, multi-core, further connection, max.	10 mm ²
Cross-section for connected wire, multi-core, further connection, min.	0.5 mm ²	Cross-section for connected wire, solid-core, further connection, max.	10 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
------------	---------

AWPD 35 4X6/6X2.5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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 April 30, 2025 12:16:20 PM CEST		Stripping length	min. 12 mm
			max. 12 mm
Catalogue status 26.04.2025 / We reserve the right to make technical changes.			nominal 12 mm
		Recommended wire-end ferrule	

AWPD 35 4X6/6X2.5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Clamping range, max.	35 mm ²
Clamping range, min.	1.5 mm ²
Clamping screw	M 6
Connection cross-section, stranded, max.	35 mm ²
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
Type of connection 2	PUSH IN
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

AWPD 35 4X6/6X2.5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

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		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	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
ECLASS 15.0	27-25-01-19		

Environmental Product Compliance

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
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

AWPD 35 4X6/6X2.5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Drawings

