

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

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	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

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

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
------------	---------

AWPD 35 4X6/6X2.5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

[illegible]

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 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, 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 AC	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		

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Classifications**

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	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

Approvals

Approvals



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

Downloads

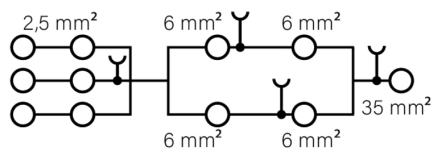
Approval/Certificate/Document of Conformity	CE Declaration of Conformity
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

AWPD 35 4X6/6X2.5

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Weidmuller:](#)

[2728620000](#)