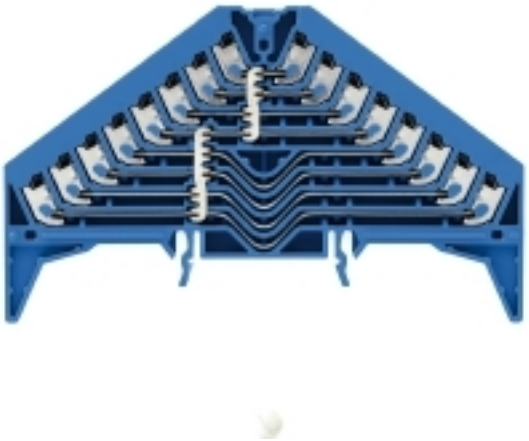
PPV 8 BL 35X15 DGR

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

www.weidmueller.com

Product image



The potential distribution terminal blocks PPV offer the possibility of wiring up to 32 conductors of one potential on only one terminal block. The optimised design guarantees a space saving of up to 50 percent in the panel. And the unique V-shape of the current bars ensures consistently low contact resistances.

General ordering data

Version	P-series, Potential distributor, Rated cross-section: 1.5 mm², Number of levels: 8, Number of connections: 32, Colour: blue
Order No.	1267870000
Type	PPV 8 BL 35X15 DGR
GTIN (EAN)	4032248112739
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Depth	73 mm	Depth (inches)	2.874 inch
Height	120 mm	Height (inches)	4.724 inch
Width	9.2 mm	Width (inches)	0.362 inch
Net weight	47.1 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Polycarbonate	Material of operational elements	PBT
Colour	blue	UL 94 flammability rating	V-0

System specifications

Version	PUSH IN connection, Vertically cross-connected, One end without connector	End cover plate required	Yes
Number of levels	8	Number of clamping points per level	4
Number of potentials per tier	1	Levels cross-connected internally	Yes
PE connection	No	Rail	TS 35 x 15

Additional technical data

Explosion-tested version	No	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-2406089	Current size B (CSA)	10 A
Current size D (CSA)	10 A	Voltage size B (CSA)	300 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	16 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	PUSH IN

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	1.5 mm²
Clamping range, min.	0.13 mm²	Connection cross-section, stranded, max.	1.5 mm²
Connection cross-section, stranded, min.	0.5 mm²	Connection direction	Inclined / angled
Number of connections	32	Stripping length	10 mm
Type of connection	PUSH IN	Wire connection cross section AWG, max.	AWG 16
Wire connection cross section AWG, min.	AWG 24	Wire connection cross section, finely stranded, max.	1.5 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, solid core, max.	1.5 mm²
Wire connection cross-section, solid core, min.	0.5 mm²		

General

Number of poles	8	Rail	TS 35 x 15
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 16
Wire connection cross section AWG, min.	AWG 24		

Rating data

Rated cross-section	1.5 mm²	Rated voltage	250 V
Rated current	17.5 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.83 mΩ	Rated impulse withstand voltage	4 kV
Power loss in accordance with IEC 60947-7-x	0.56 W	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	16 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	16 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	10 A
Current size D (cURus)	10 A	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V		

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

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Technical data

Environmental Product Compliance

REACH SVHC	/

Approvals

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

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	Beipackzettel_PRV_PPV.pdf Usage of terminals in EXi atmospheres StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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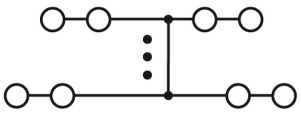
Drawings



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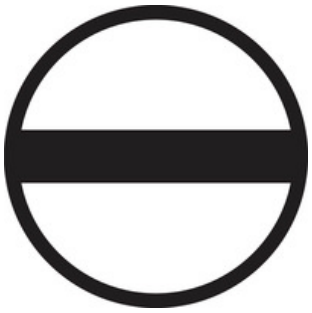
Accessories

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.4X2.0X60	Version
Order No.	2749260000	Screwdriver, Blade width (B): 2 mm, Blade length: 60 mm, Blade
GTIN (EAN)	4050118895537	thickness (A): 0.4 mm
Qty.	1 pc(s).	

End plates

To ensure the finger safety and the compliance to the required clearance and creepage distances, an end plate has to be placed at the end of a plug.

General ordering data

Type	PAP PRV/PPV8 BL	Version
Order No.	1268000000	P-series, End plate, blue, 3 mm
GTIN (EAN)	4032248113040	
Qty.	10 pc(s).	
Type	PAP PRV/PPV8 GR	Version
Order No.	1211460000	P-series, End plate, grey, 3 mm
GTIN (EAN)	4032248113446	
Qty.	10 pc(s).	
Type	PAP PRV/PPV8 SW	Version
Order No.	1173720000	P-series, End plate, black, 3 mm
GTIN (EAN)	4032248966158	
Qty.	10 pc(s).	

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Accessories

Blank

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.
WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.
- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 7.8/9.2 PLUS MC NE GR	Version
Order No.	1208970000	WS, Terminal marker, 7.8 x 9.2 mm, Pitch in mm (P): 9.20
GTIN (EAN)	4032248990092	Weidmueller, grey
Qty.	360 pc(s).	

Partition plates

A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

General ordering data

Type	TW PRV8 1-8	Version
Order No.	1230080000	P-series, Partition plate, grey, 2 mm, Printed 1-8, horizontally
GTIN (EAN)	4050118013740	
Qty.	10 pc(s).	
Type	TW PRV8	Version
Order No.	1173670000	P-series, Partition plate, grey, 2 mm, Unprinted
GTIN (EAN)	4032248966141	
Qty.	10 pc(s).	
Type	TW PRV8 0-7	Version
Order No.	1230090000	P-series, Partition plate, grey, 2 mm, Printed 0-7, horizontally
GTIN (EAN)	4050118013917	
Qty.	10 pc(s).	

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Accessories

Type	TW PRV8 A-H	Version
Order No.	1230110000	P-series, Partition plate, grey, 2 mm, Printed A-H, horizontally
GTIN (EAN)	4050118013900	
Qty.	10 pc(s).	

Cross-connection for socket with PUSH IN connection

Cross-connection for the socktes in the RIDERSERIES RCI.

General ordering data

Type	SRC-I QV P	Version
Order No.	8870840000	RIDERSERIES RCI, Cross-connector
GTIN (EAN)	4032248631681	
Qty.	10 pc(s).	

Marking holder

The marker holder offer the possibility of additional marker mounting. Depending on the design, the respective levels of the PRV and PPV terminal blocks can be labeled with the corresponding marker.

General ordering data

Type	BZT PRV8 SW 35X15	Version
Order No.	1173570000	P-series, Marker holder, black, Number of levels: 8, TS 35 x 15
GTIN (EAN)	4032248966004	
Qty.	20 pc(s).	

Type	BZT PRV8 BL 35X15	Version
Order No.	1267950000	P-series, Marker holder, blue, Number of levels: 8, TS 35 x 15
GTIN (EAN)	4032248113200	
Qty.	20 pc(s).	

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Accessories

Z-Series

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	ZEW 35/2 SW	Version
Order No.	1162610000	End bracket, Wemid, black, Rail: TS 35, Snap-on
GTIN (EAN)	4032248962716	
Qty.	20 pc(s).	

Marker holder

The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snaped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	
Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	