

**P-series
PPV 8 GR 35X7.5 DGR**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Product image

Save space by connecting with these multi-tier terminals with PUSH IN connection technology.

The product line includes the four-channel, eight-channel and also the innovative sixteen-channel feed-through terminal blocks. The four-channel and eight-channel terminals are also available as potential distribution terminals.

The benefits:

- More than 1700 signals per metre can be distributed with the 16-channel terminal block.
- Red and white actuators make it easier to assign wires to their terminal points.
- The PUSH IN connections make wiring quick and convenient.

General ordering data

Type	PPV 8 GR 35X7.5 DGR
Order No.	1173870000
Version	P-series, Potential distributor, Rated cross-section: 1.5 mm ² , Number of levels: 8, Number of connections: 32, Colour code: grey
GTIN (EAN)	4032248966417
Qty.	20 pc(s).

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Technical data
Dimensions and weights

Width	9.2 mm	Width (inches)	0.362 inch
Height	120 mm	Height (inches)	4.724 inch
Depth	65.5 mm	Depth (inches)	2.579 inch
Net weight	47.89 g		

Temperatures

Storage temperature, max.	70 °C	Storage temperature, min.	-25 °C
Storage temperature	-25 °C...70 °C	Temperature range, installation, min.	-10 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	130 °C
Temperature range, installation, max.	40 °C		

Material data

Material	Polycarbonate	Material of operational elements	PBT
Colour code	grey	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	No. of clamping points per level	4
Number of potentials per tier	1	Levels cross-connected internally	Yes
PE connection	No	Rail	TS 35 x 7.5

Additional technical data

Type of mounting	Snap-on
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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		

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	1.5 mm ²
Clamping range, min.	0.13 mm ²	Connection cross-section, stranded, max.	1.5 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	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 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, finely stranded, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	1.5 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

Rating data

Rated cross-section	1.5 mm ²	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
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 5.0	EC000897	ETIM 6.0	EC000897
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-24	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

Descriptive text ordering data	DGR = dark grey actuators
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Approvals

Approvals



ROHS	Conform
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Catalogue status 15.02.2019 / We reserve the right to make technical changes.

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Technical data

Downloads

Approval/Certificate/Document of Conformity	DE_PT1441_20160418_302_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	Beipackzettel_PRV_PPV.pdf

Safety note

Safety notice	Safety Information
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Drawings

