

## PPV 4 GR 35X7.5 DGR

Weidmüller Interfaces GmbH & Co. KG

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### 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 mm <sup>2</sup> , Number of levels: 4, Number of connections: 16, Colour: grey
Order No.	<a href="#">1173890000</a>
Type	PPV 4 GR 35X7.5 DGR
GTIN (EAN)	4032248966257
Qty.	20 pc(s).

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## Technical data

## Dimensions and weights

Depth	47 mm	Depth (inches)	1.85 inch
Height	70 mm	Height (inches)	2.756 inch
Width	9.2 mm	Width (inches)	0.362 inch
Net weight	21.95 g		

## Temperatures

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

## Material data

Material	Polycarbonate	Material of operational elements	PBT
Colour	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 potentials	1	Number of levels	4
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 7.5	N-function	No
PE function	No	PEN function	No

## 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

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Connection cross-section, stranded, max. 1.5 mm<sup>2</sup>

Connection direction Inclined / angled

Stripping length 10 mm

Wire connection cross section AWG, max. AWG 16

Wire connection cross section, finely stranded, max. 1.5 mm<sup>2</sup>Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. 1.5 mm<sup>2</sup>Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. 1.5 mm<sup>2</sup>Wire connection cross-section, solid core, max. 1.5 mm<sup>2</sup>

## Conductors for clamping (rated connection)

Blade size 0.6 x 3.5 mm

Clamping range, min. 0.13 mm<sup>2</sup>Connection cross-section, stranded, min. 0.5 mm<sup>2</sup>

Number of connections 16

Type of connection PUSH IN

Wire connection cross section AWG, min. AWG 24

Wire connection cross section, finely stranded, min. 0.5 mm<sup>2</sup>Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm<sup>2</sup>Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 0.5 mm<sup>2</sup>Wire connection cross-section, solid core, min. 0.5 mm<sup>2</sup>

## General

Number of poles 4

Standards IEC 60947-7-1, DIN EN 60079

Wire connection cross section AWG, min. AWG 24

Rail TS 35 x 7.5

Wire connection cross section AWG, max. AWG 16

## Rating data

Rated cross-section 1.5 mm<sup>2</sup>

Rated current 17.5 A

Volume resistance according to IEC 60947-7-x 1.83 mΩ

Power loss in accordance with IEC 60947-7-x 0.56 W

Surge voltage category III

Rated voltage 250

Standards IEC 60947-7-1, DIN EN 60079

Rated impulse withstand voltage 4 kV

Pollution severity 3

## UL rating data

Certificate No. (cURus) E60693

Conductor size Factory wiring min. (cURus) 26 AWG

Conductor size Field wiring min. (cURus) 26 AWG

Current size D (cURus) 10 A

Voltage size D (cURus) 300 V

Conductor size Factory wiring max. (cURus) 16 AWG

Conductor size Field wiring max. (cURus) 16 AWG

Current size B (cURus) 10 A

Voltage size B (cURus) 300 V

## Classifications

ETIM 6.0 EC000897

ETIM 8.0 EC000897

ECLASS 9.1 27-14-11-20

ECLASS 11.0 27-14-11-20

ETIM 7.0 EC000897

ECLASS 9.0 27-14-11-20

ECLASS 10.0 27-14-11-20

ECLASS 12.0 27-14-11-20

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**Technical data**

**Approvals**

Approvals



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

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">Beipackzettel_PRV_PPV.pdf</a> <a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

