

P-series
PPV 4 GR 35X7.5 DGR

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
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 www.weidmueller.com



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

Order No.	1173890000
Type	PPV 4 GR 35X7.5 DGR
Version	P-series, Potential distributor, Rated cross-section: 1.5 mm ² , Number of levels: 4, Number of connections: 16, Colour: Grey, Colour of operational elements: dark gray, TS 35 x 7.5
GTIN (EAN)	4032248966257
Qty.	20 pc(s).

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Technical data**Dimensions**

Length	70 mm	Width	9.2 mm
Height	47 mm	Net weight	21.95 g

Temperatures

Operating temperature	-25 °C...+70 °C	Storage temperature	-25 °C...+70 °C
Temperature range, installation, min.	-10 °C		

CSA ratings data

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

Clampable wires (rated connection)

Type of connection	PUSH IN	Stripping length	10 mm
Blade size	0.6 x 3.5 mm	Connection direction	Inclined / angled
Number of connections	16	Clamping range, rated connection, min.	0.2 mm ²
Clamping range, rated connection, max.	1.5 mm ²	Wire connection cross section, solid core, max. rated connection	0.2 mm ²
Wire connection cross section, solid core max. rated connection	1.5 mm ²	Wire connection cross section, stranded, rated connection, min.	0.2 mm ²
Wire connection cross section, stranded, rated connection, max.	1.5 mm ²	Wire connection cross section, finely stranded, max.	1.5 mm ²
Wire connection cross-section, finely stranded, min.	0.2 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.2 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 mm ²	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.2 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	1.5 mm ²	Wire connection cross section AWG, min.	AWG 24
Wire connection cross section AWG, max.	AWG 16		

Rated data

Rated cross-section	1.5 mm ²	Rated voltage	250 V
Rated impulse withstand voltage	4 kV	Rated current	17.5 A
Standards	IEC 60947-7-1, DIN EN 60079	Pollution severity	3
Surge voltage category	III		

UL ratings data

Certificate No. (cURus)	E60693VOL1SEC99	Current size B (cURus)	10 A
Current size D (cURus)	10 A	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V	Wire cross section max. (cURus)	16 AWG

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Technical data
Material data

Material	Polycarbonate	Colour	Grey
Material of operational elements	PBT	Colour of operational elements	dark gray
Flammability class UL 94	V-0		

System specifications

Product family	P-series	Type of connection	PUSH IN
Connection direction	Inclined / angled	Number of levels	4
Number of connections	16	No. of clamping points per level	4
Number of potentials per level	1	Levels cross-connected internally	Yes
Mounting rail	TS 35 x 7.5	End cover plate required	Yes

Classifications

eClass 6.0	27-14-11-20	eClass 7.0	27-14-11-20
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Product information

Descriptive text ordering data	DRG = dark grey actuators
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Data sheet...

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Drawings

Circuit diagram

