

PPV 8 GR 35X7.5 DGR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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

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

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Technical data

Dimensions and weights

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

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 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 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		

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, solid core, max.	1.5 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

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Technical data

General

Number of poles	8	Rail	TS 35 x 7.5
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 16
Wire connection cross section AWG, min.	AWG 24		

Rating data

Power loss in accordance with IEC 60947-7-x	0.56 W	Rated cross-section	1.5 mm ²
Rated voltage	250	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	UL_current_Print	10 A
UL_voltage_Print	300 V	UL_wire_max_Print	16 AWG
UL_wire_min_Print	26 AWG	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	WSCAD, Zuken E3.S
User Documentation	Beipackzettel_PRV_PPV.pdf StorageConditionsTerminalBlocks

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Drawings

