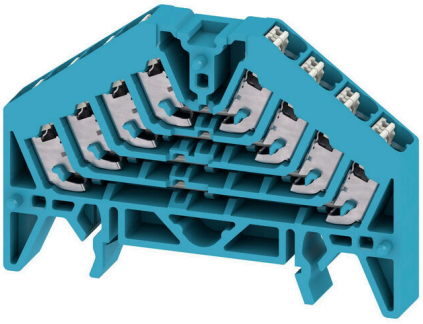
Data sheet

PRV 4 BL 35X7.5 WS

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

www.weidmueller.com

Product image



PUSH IN terminal blocks for Signal marshalling (PRV) with up to 16 connection levels are specially designed to meet the requirements for wiring initiator and actuator signals in process control engineering. 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, Patch distributor, Rated cross-section: 1.5 mm², Number of levels: 4, Number of connections: 16, Colour: blue, Colour of operational elements: white, TS 35 x 7.5
Order No.	1173930000
Type	PRV 4 BL 35X7.5 WS
GTIN (EAN)	4032248966271
Qty.	20 items

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Data sheet

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Technical data

Approvals

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

Dimensions and weights

Depth	47 mm	Depth (inches)	1.8504 inch
Height	70 mm	Height (inches)	2.7559 inch
Width	9.2 mm	Width (inches)	0.3622 inch
Net weight	21.91 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temperature, min.	-50 °C	Continuous operating temperature, max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

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

System specifications

Version	PUSH IN connection, One end without connector	End cover plate required	Yes
Number of potentials	4	Number of levels	4
Number of clamping points per level	4	Number of potentials per tier	4
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35 x 7.5		

Additional technical data

Explosion-tested version	No	Type of mounting	Snap-on

CSA rating data

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

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Technical data

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 16	Connection direction	Inclined / angled
Stripping length	10 mm	Type of connection	PUSH IN
Number of connections	16	Conductor cross-section (rated connection), max.	1.5 mm²
Conductor cross-section (rated connection), min.	0.13 mm²	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 24	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.	0.13 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.	0.13 mm²	Wire connection cross-section, finely stranded, max.	1.5 mm²
Wire connection cross section, finely stranded, min.	0.13 mm²	Connection cross-section, stranded, max.	1.5 mm²
Connection cross-section, stranded, min.	0.13 mm²	Wire connection cross-section, solid core, max.	1.5 mm²
Wire connection cross-section, solid core, min.	0.13 mm²		

General

Number of poles	4	Wire connection cross section AWG, max.	AWG 16
Wire connection cross section AWG, min.	AWG 24	Standards	IEC 60947-7-1, DIN EN 60079
Mounting rail	TS 35 x 7.5		

Rating data

Rated cross-section	1.5 mm²	Rated voltage	250 V
Rated DC voltage	250 V	Nominal current	10 A
Current at maximum wires	13 A	Standards	IEC 60947-7-1, DIN EN 60079
Contact resistance	1.83 mΩ	Rated impulse withstand voltage	4 kV
Power loss (IEC 60947-7-x)	0.56 W	Surge voltage category	III
Pollution severity	3		

UL rating data

Voltage size B (cURus)	300 V	Voltage size D (cURus)	300 V
Wire cross section max. (cURus)	16 AWG	Certificate No. (cURus)	E60693
Wire cross section min. (cURus)	26 AWG	Current size B (cURus)	10 A
Current size D (cURus)	10 A		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-05
ECLASS 15.0	27-25-01-05		

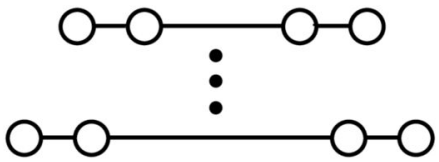
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Drawings



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