Data sheet

PRV 8 SW 35X15 WS/RT

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: 8, Number of connections: 32, Colour: black, Colour of operational elements: white-red, TS 35 x 15
Order No.	1173780000
Type	PRV 8 SW 35X15 WS/RT
GTIN (EAN)	4032248966318
Qty.	20 items

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Technical data

Approvals

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

Dimensions and weights

Depth	73 mm	Depth (inches)	2.874 inch
Height	120 mm	Height (inches)	4.7244 inch
Width	9.2 mm	Width (inches)	0.3622 inch
Net weight	47.1 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., 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	black	Colour of operational elements	white-red
UL 94 flammability rating	V-0		

System specifications

Version	PUSH IN connection, One end without connector	End cover plate required	Yes
Number of potentials	8	Number of levels	8
Number of clamping points per level	4	Number of potentials per tier	8
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35 x 15		

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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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	32	Clamping range, max.	1.5 mm²
Clamping range, 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	8	Wire connection cross section AWG, max.	AWG 16
Wire connection cross section AWG, min.	AWG 24	Standards	IEC 60947-7-1
Mounting rail	TS 35 x 15		

Rating data

Rated cross-section	1.5 mm²	Rated voltage	250 V
Rated DC voltage	250 V	Nominal current	8 A
Current at maximum wires	10 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.83 mΩ	Rated impulse withstand voltage	4 kV
Power loss in accordance with 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		

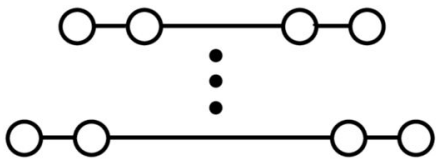
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Drawings



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