

Datasheet - PFB-SD-4M12-SD

Input expander / PFB



- For SD-Interface devices
- Passive field box for series-wiring
- For devices with M12 Connector, 8-pole
- For up to 4 safety switchgears
- Fuse protected device ports
- Heavy duty version for field installation
- Protection class IP67

(Minor differences between the printed image and the original product may exist!)

Ordering details

Product type description	PFB-SD-4M12-SD
Article number	103013574
EAN code	
eCl@ss	

Approval

Approval



Global Properties

Product name	PFB
Standards	IEC 60947-1
Application	
Materials	
- Material of the housings	Plastic,
Weight	365 g

Mechanical data

Design of electrical connection	M12 connector socket / -Connector
resistance to shock	30 g / 11 ms

Resistance to vibration

10 ... 150 Hz, Amplitude 0,35 mm

Ambient conditions

Ambient temperature

- Min. environmental temperature -20 °C
- Max. environmental temperature +65 °C

Storage and transport temperature

- Min. Storage and transport temperature -40 °C
- Max. Storage and transport temperature +70 °C

Relative humidity

10 ... 95 %, non-condensing

Protection class

IP67

Protection rating

III

Insulation values to IEC 60664-1

- Rated impulse withstand voltage U_{imp} 0,8 kV
- Rated insulation voltage U_i 32 VDC
- Overvoltage category III
- Degree of pollution 3

Electrical data

Supply voltage U_B

24 VDC -15% / +10% (stabilised PELV)

Rated operating voltage U_e

24 VDC

Operating current I_e

- Passive distribution module () 10 A
- () 1.5 A

LED switching conditions display

LED switching conditions display (Y/N)

Yes

Number of LED's

9 piece

ATEX

Explosion protection Zones for gases

None

Explosion protection Zones for dusts

None

Dimensions

Dimensions

- Width 63 mm
- Height 156.6 mm
- Depth 36.1 mm

Documents

Operating instructions (en) 842 kB, 27.07.2017

Code: mrl_pfb-sd-4m12-sd_en

Operating instructions (it) 778 kB, 08.09.2017

Code: mrl_pfb-sd-4m12-sd_it

Operating instructions (nl) 815 kB, 11.09.2017

Code: mrl_pfb-sd-4m12-sd_nl

Operating instructions (fr) 819 kB, 11.09.2017

Code: mrl_pfb-sd-4m12-sd_fr

Operating instructions (de) 817 kB, 27.07.2017

Code: mrl_pfb-sd-4m12-sd_de

Operating instructions (es) 778 kB, 29.08.2017

Code: mrl_pfb-sd-4m12-sd_es

Operating instructions (pt) 820 kB, 11.09.2017

Code: mrl_pfb-sd-4m12-sd_pt

Operating instructions (pl) 818 kB, 11.09.2017

Code: mrl_pfb-sd-4m12-sd_pl

Images

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The data and values have been checked thoroughly. Technical modifications and errors excepted.

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