

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

Permanent light	PFB
Standards	IEC 60947-1
Application	For SD-Interface devices
Materials	
- Material of the housings	Plastic, Polyamide PA 6 GF
Weight	365

Mechanical data

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

Resistance to vibration

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

Ambient conditions

Ambient temperature

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

Storage and transport temperature

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

Relative humidity

10 ... 95, non-condensing

Protection class

IP67

Protection rating

III

Insulation values to IEC 60664-1

- Rated impulse withstand voltage 0,8
- Rated insulation voltage 32 VDC
- Overvoltage category III
- Degree of pollution 3

Electrical data

Supply voltage

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

Rated operating voltage

24 VDC

Operating current

- Passive distribution module (External fuse protection required) 10 A
- Device connection (Internal fuse protection present) 1.5 A

LED switching conditions display

LED switching conditions display (Y/N)

Yes

Number of LED's

9

ATEX

Explosion protection Zones for gases

None

Explosion protection Zones for dusts

None

Dimensions

Dimensions

- Width 63
- Height 156.6
- Depth 36.1

Documents

Operating instructions (en) 818 kB, 08.01.2019

Code: mrl_pfb-sd-4m12-sd_en

Operating instructions (it) 879 kB, 08.01.2019

Code: mrl_pfb-sd-4m12-sd_it

Operating instructions (nl) 874 kB, 08.01.2019

Code: mrl_pfb-sd-4m12-sd_nl

Operating instructions (fr) 879 kB, 08.01.2019

Code: mrl_pfb-sd-4m12-sd_fr

Operating instructions (de) 820 kB, 08.01.2019

Code: mrl_pfb-sd-4m12-sd_de

Operating instructions (es) 879 kB, 08.01.2019

Code: mrl_pfb-sd-4m12-sd_es

Operating instructions (pt) 879 kB, 08.01.2019

Code: mrl_pfb-sd-4m12-sd_pt

Operating instructions (pl) 877 kB, 08.01.2019

Code: mrl_pfb-sd-4m12-sd_pl

Brochure (pt) 1 MB, 11.01.2017

Code: b_installationssysteme_pt

Brochure (it) 1 MB, 01.03.2018

Code: b_installationssysteme_it

Brochure (fr) 1 MB, 01.03.2018

Code: b_installationssysteme_fr

Brochure (en) 1 MB, 28.02.2018

Code: b_installationssysteme_en

Brochure (de) 1 MB, 28.02.2018

Code: b_installationssysteme_de

Brochure (es) 1 MB, 01.03.2018

Code: b_installationssysteme_es

Images

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

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