Datasheet - PDM-IOP-4CC-IOP

Input expander / PDM



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

- For parallel IO devices
- Passive distribution module for series-wiring
- Cage clamps
- For up to 4 safety switchgears
- Fuse protected device ports
- For installation in terminal boxes
- Protection class IP00

Ordering details

Product type description	PDM-IOP-4CC-IOP
Article number	103012160
EAN code	
eCl@ss	

Approval

Approval	cULus USA/CAN

Global Properties

Product name	PDM
Application	For parallel IO devices
Standards	IEC 60947-1
Materials	
- Material of the housings	Plastic, Polyamide
Weight	120 g

Mechanical data

Design of electrical connection	Cage clamps
Cable section	

- Min. Cable section	0,25 mm²
- Max. Cable section	1.5 mm²
notice	All indications about the cable section are including the conductor ferrules.
restistance to shock	30 g / 11 ms
Resistance to vibration	10 … 55 Hz, Amplitude 1 mm

Ambient conditions

Ambient temperature	
- Min. environmental temperature	−25 °C
- Max. environmental temperature	+65 °C
Storage and transport temperature	
- Min. Storage and transport temperature	−40 °C
- Max. Storage and transport temperature	+85 °C
Relative humidity	5 … 95 %, non-condensing
Protection class	IP00
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	2

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	5 piece

ATEX

Explosion protection Zones for gases	None
Explosion protection Zones for dusts	None

Dimensions

Dimensions	
- Width	45 mm
- Height	105.4 mm
- Depth	67.7 mm

Documents

Operating instructions and Declaration of conformity (nl) 779 kB, 24.06.2016
Code: mrl_pdm-iop-4cc-iop_nl

Operating instructions and Declaration of conformity (pt) 762 kB, 21.07.2016

Code: mrl_pdm-iop-4cc-iop_pt

Operating instructions and Declaration of conformity (fr) 772 kB, 21.07.2016
Code: mrl_pdm-iop-4cc-iop_fr

Operating instructions and Declaration of conformity (pl) 772 kB, 22.11.2016
Code: mrl_pdm-iop-4cc-iop_pl

Operating instructions and Declaration of conformity (es) 761 kB, 19.07.2016
Code: mrl_pdm-iop-4cc-iop_es

Operating instructions and Declaration of conformity (it) 792 kB, 24.06.2016
Code: mrl_pdm-iop-4cc-iop_it

Operating instructions and Declaration of conformity (jp) 972 kB, 23.08.2017
Code: mrl_pdm-iop-4cc-iop_jp

Operating instructions and Declaration of conformity (de) 779 kB, 21.06.2016
Code: mrl_pdm-iop-4cc-iop_de

Operating instructions and Declaration of conformity (en) 790 kB, 21.06.2016
Code: mrl_pdm-iop-4cc-iop_en

Images