

Datasheet - ASIM-C-M12-8P-0,5M

AS interface safety at work / Safety switchgear / Safe input module / ASIM-C-M12



- Compact Safety-Input module
- Integrated in the passive junction
- for 2 potential-free NC contacts
- Protection class IP67
- LED output 50 mA from AS-Interface

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

Ordering details

Product type description	ASIM-C-M12-8P-0,5M
Article number	103004696
EAN Code	
eCl@ss	27-27-24-02

Approval


Approval



Classification

Standards	EN ISO 13849-1, EN 62061
PL	e
Control category	4
PFH value	No significant contribution
PFD value	No significant contribution
SIL	3
Mission time	20 Years

Global Properties

Permanent light	ASIM-C-M12
Standards	EN 50295, EN 60204-1, EN ISO 13849-1, EN 62061
Compliance with the Directives (Y/N) 	Yes
Suitable for safety functions (Y/N)	Yes
Materials	
- Material of the housings	Thermoplastic PBT
- Material of the cable	Polyurethane
Weight	200
Response time	< 1
Duration of risk	< 5

Mechanical data

Design of electrical connection	Socket, M12, 8-pole, A-coded
Cable length	0,5
restistance to shock	30 / 11
Resistance to vibration	10 ... 57 HZ, Amplitude 0,75 mm

Ambient conditions

Ambient temperature	
- Min. environmental temperature	-20
- Max. environmental temperature	+60
Storage and transport temperature	
- Min. Storage and transport temperature	-25
- Max. Storage and transport temperature	+80
Relative humidity	30 ... 95
- non-condensing, non-icing	
Protection class	IP67 to IEC/EN 60529
Protection rating	III
Air clearances and creepage distances To IEC/EN 60664-1	
- Rated impulse withstand voltage	0,8
- Rated insulation voltage	32
- Overvoltage category	III
- Degree of pollution	3

Electrical data - AS interface

AS-i Supply voltage	26.5 ... 31.6 VDC, Protection against polarity reversal
AS-i operating current	≤ 90
AS-i Device insulation	internally short-circuit proof
AS-i Specification	
- version	V3.0
- Profile	S-7.B.F.0
AS-i Inputs	
- Channel 1	Data bits DI 0/DI 1= dynamic code transmission
- Channel 2	Data bits DI 2/DI 3= dynamic code transmission
AS-i Outputs	
- DO 0	LED output
- DO 1 ... DO 3	not used
AS-i Parameter bits	
- P0	Communication monitoring
- P1 ... P3	not used

AS-i input module address 0
- Default on address 0, programmable via the AS-Interface Master or Hand-held programming device
notice Set the parameter outputs to "1111" (0xF)

LED switching conditions display

LED switching conditions display (Y/N) Yes
AS-i LED switching conditions display
(1) green LED Supply voltage / slave address = 0
(2) red LED Communication error / slave address = 0
(3) yellow LED I1 = Status Safety input 1
(4) yellow LED I2 = Status Safety input 2
(5) yellow LED O1 = Status LED output

Dimensions

Dimensions
- Width 27.7
- Height 40.5
- Depth 22

Documents

Operating instructions and Declaration of conformity (jp) 396 kB, 16.05.2014

Code: mrl_asim-c-m12_jp

Operating instructions and Declaration of conformity (pl) 307 kB, 05.09.2018

Code: mrl_asim-c-m12_pl

Operating instructions and Declaration of conformity (en) 297 kB, 18.12.2017

Code: mrl_asim-c-m12_en

Operating instructions and Declaration of conformity (sv) 300 kB, 05.09.2018

Code: mrl_asim-c-m12_sv

Operating instructions and Declaration of conformity (fr) 301 kB, 31.08.2018

Code: mrl_asim-c-m12_fr

Operating instructions and Declaration of conformity (nl) 300 kB, 31.08.2018

Code: mrl_asim-c-m12_nl

Operating instructions and Declaration of conformity (pt) 304 kB, 05.09.2018

Code: mrl_asim-c-m12_pt

Operating instructions and Declaration of conformity (it) 300 kB, 05.09.2018

Code: mrl_asim-c-m12_it

Operating instructions and Declaration of conformity (de) 294 kB, 18.12.2017

Code: mrl_asim-c-m12_de

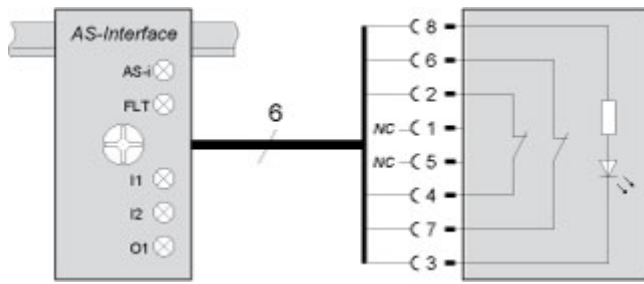
Operating instructions and Declaration of conformity (es) 300 kB, 05.09.2018

Code: mrl_asim-c-m12_es

TÜV certification (de, en) 630 kB, 20.08.2018

Code: z_asip13

Images



Wiring example

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

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