Extension componentries "I/O-extensions" KSM 131

Product KSM 131

Description

Digital I/O separation series for the KSM100 series. The module will be connected to the main module via the Back-Plane-Connector by just clicking it in.

The expansion module provides 10 safe I/O's, which could be selectively configured as an input or an output. Additional 12 safe inputs and 6 messaging outputs.

- 10 safe I/O's configurable as input or output
- 12 safe input terminals OS32 compatible
- 2 messaging outputs
- Short circuit monitoring
- Multiplying of contacts or contact amplification via external contacts in connection with internal monitoring
- Comprehensive diagnostics implemented in FW

Technical data

General data

- Pin-out according to EN 1848
- Pin 2
- Pin 1
- In accordance to EN 60946
- In accordance to EN 61131-2
- Certified: SIL 2
- Proof-test-interval: 20 years = max. period of application

Electrical data

- Safe digital input lines: 12 signalling 0-55VDC
- Safe digital input lines: 12 signalling
- Safe input output lines: 12 signalling
- Safe input output lines: 12 signalling
- Safe input output lines (cross short-cut detectable): 12 signalling
- Type of connectors: Terminal Block

Power consumption

- Max. 3.8 W
- Rated data digital in: 24 VDC; 250 mA
- Rated data digital out: 24 VDC; 200 mA
- Pulse output lines (cross short-cut detectable): Max. 3.8 W

Environmental data

- Temperature: 0° up to 50° operational temp. / -10° up to +70° storage temp.
- Protection rating: IP52
- Climate class: 2 in accordance to DIN 40050
- EML: According to EN 50501 and EN 60664-6-2

Mechanical data

- Size/Focus item: 100 x 115 x 45
- Weight: 300 g
- Mounting: Snap-on mounting on standard head rail
- Max. terminal cross section: 1.5 mm²

Safety without limits!

For more informations please visit our website: www.kollmorgen.com