

Input module CTSL-D-16E-M8-3

Part number: 1387363

FESTO



Data sheet

| Feature | Value |
|--|---|
| Protocol | I-Port IO-Link® |
| Dimensions (W x L x H) | 143 x 103 x 32 mm |
| Type of mounting | With through-hole With H-rail Either: |
| Product weight | 250 g |
| Ambient temperature | -5 °C...50 °C |
| Storage temperature | -20 °C...70 °C |
| Degree of protection | IP65 IP67 |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| CE mark (see declaration of conformity) | To EU EMC Directive In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| KC mark | KC-EMV |
| Approval | RCM trademark c UL us listed (OL) |
| Certificate issuing authority | UL E239998 |
| Note on materials | RoHS-compliant |
| Material housing | PA-reinforced |
| Material cover | PA-reinforced |
| LED display, product-specific | 1 hp electrical operating voltage 16 Channel status 2 Group diagnostics |
| LED display, bus-specific | X20: I-Port/IO-Link® |
| Max. number of inputs | 16 |
| Baud rate | 38.4 kbit/s, 230.4 kbit/s |
| Electrical connection | 16x socket 3-pin M8 |
| Operational voltage range DC | 18 V...30 V |

| Feature | Value |
|---|--|
| Nominal operating voltage DC | 24 V |
| Current consumption at nominal operating voltage, logic | 35 mA |
| Reverse polarity protection | For operating voltage |
| Characteristic for inputs | IEC1131-T2 |
| Switching level | Signal 0: ≤ 5 V Signal 1: ≥ 11 V |
| Switching logic for inputs | PNP (positive switching) |
| Input debounce time | 0.5 ms (3 ms, 10 ms, 20 ms, parameterisable) |
| Max. total current per module | 1.2 A |
| Isolation channel - channel | no |
| Fuse protection (short circuit) | Internal electronic fuse protection for each group |
| IO-Link, connection technology | Device, 5-pin |
| IO-Link, Number of ports | 1 |
| IO-Link, Port class | B |
| IO-Link, Protocol version | Device V 1.0 |
| IO-Link, communication mode | COM2 (38.4 kBaud), COM3 (230.4 kBaud) |
| IO-Link, Process data length IN | 2 bytes |
| IO-Link, Min. cycle time | Device 3.2 ms |