

# Input module CPX-L-16DE-16-KL-3POL

Part number: 572606

FESTO



 General operating condition

## Data sheet

| Feature                                                    | Value                                                                                          |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Dimensions W x L x H                                       | 50 mm x 107 mm x 41 mm                                                                         |
| Product weight                                             | 167 g                                                                                          |
| Ambient temperature                                        | -5 °C ... 50 °C                                                                                |
| Storage temperature                                        | -20 °C ... 70 °C                                                                               |
| Degree of protection                                       | IP20                                                                                           |
| Corrosion resistance class (CRC)                           | 1 - Low corrosion stress (when installed)                                                      |
| LABS (PWIS) conformity                                     | VDMA24364-B2-L                                                                                 |
| Certification                                              | c UL us - Listed (OL)                                                                          |
| Note on materials                                          | RoHS-compliant                                                                                 |
| Housing material                                           | PA-reinforced                                                                                  |
| LED indicators                                             | 1 group diagnostics<br>16 channel status                                                       |
| Diagnostics                                                | Short circuit/overload per channel                                                             |
| Parameterization                                           | Input debounce time<br>Signal extension time<br>Response to short circuit<br>Module monitoring |
| DC operating voltage range                                 | 18 V ... 30 V                                                                                  |
| Nominal operating voltage DC                               | 24 V                                                                                           |
| Intrinsic current consumption at nominal operating voltage | Typ. 15 mA                                                                                     |
| No. of inputs                                              | 16                                                                                             |
| Input characteristics                                      | IEC1131-T2, type 01                                                                            |
| Switching level                                            | Signal 0: ≤ 5 V<br>Signal 1: ≥ 15 V                                                            |
| Input switching logic                                      | PNP (positive switching)                                                                       |
| Input debounce time                                        | 3 ms (0.1 ms, 10 ms, 20 ms parameterizable)                                                    |
| Max. residual current of inputs per module                 | 1.8 A                                                                                          |
| Electrical isolation between channels                      | no                                                                                             |
| Electrical isolation between channel and internal bus      | no                                                                                             |
| Fuse protection (short circuit)                            | Internal electronic fuse per module                                                            |