

# Input module CPX-M-16DE-D

Part number: 550202

FESTO



 General operating condition

## Data sheet

| Feature  | Value  |
|--|--|
| Dimensions W x L x H                                       | 50 mm x 107 mm x 50 mm   |
| Product weight   | 46 g   |
| Ambient temperature  | -5 °C ... 50 °C  |
| Storage temperature  | -20 °C ... 70 °C   |
| Degree of protection                                       | Depending on terminal block  |
| Corrosion resistance class (CRC)                           | (installed)  |
| LABS (PWIS) conformity                                     | VDMA24364-B2-L   |
| Housing material   | PC   |
| LED indicators   | 1 group diagnostics<br>16 channel diagnostics/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 | Type. 34 mA  |
| No. of inputs  | 16   |
| Input characteristics                                      | IEC1131-T2   |
| Switching level  | Signal 0: $\leq 5$ V<br>Signal 1: $\geq 11$ 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 channel pair<br>Additional safety fuse                            |