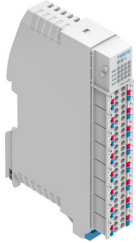


Digital input module CPX-E-16DI

Part number: 4080492

FESTO



Data sheet

Feature	Value
Dimensions W x L x H	18.9 mm x 76.6 mm x 124.3 mm
Vibration resistance	Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Electrical connection input, function	Digital input
Note on ambient temperature	-5 - 60 °C for vertical installation
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typically 15 mA
Electrical connection for input, connection pattern	00995843
Electrical connection for input, information on conductor cross section	0.2 - 2.5 mm ² for flexible conductors without cable end sleeves
Diagnostics via bus	Sensor supply short circuit/overload
Permissible voltage fluctuations for electronics/sensors	± 25 %
Electrical input connection, connection technology	Spring-loaded terminal
Shock resistance	Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27
Module parameters	Sensor supply short circuit diagnostics Response to short circuit/overload Input debounce time Signal extension time
Electrical connection input, connection type	8x terminal strip
Diagnostics via LED	Faults per module Status per channel
Channel parameters	Signal extension
KC characters	KC EMC
Nominal operating voltage DC for electronics/sensors	24 V
Electrical connection, input, number of pins/wires	6
Electrical connection for input, conductor cross section	0.2 mm ² ... 1.5 mm ²
Width dimension	18.9 mm
Type code	CPX-E
No. of inputs	16
Input debounce time	0.1 ms 3 ms 10 ms 20 ms
Fuse protection (short circuit)	Internal electronic fuse per module
Max. residual current of inputs per module	1.8 A
Electrical isolation between channel and internal bus	no
Electrical isolation between channels	no
Switching level	Signal 0: ≤ 5 V Signal 1: ≥ 11 V

Feature	Value
Certificate issuing authority	UL E239998
CE marking (see declaration of conformity)	As per EU EMC directive
Corrosion resistance class (CRC)	0 - No corrosion stress
Storage temperature	-20 °C ... 70 °C
Relative air humidity	95 % Non-condensing
Degree of protection	IP20
Ambient temperature	-5 °C ... 50 °C
Certification	RCM compliance mark c UL us - Listed (OL)
Product weight	102 g
Max. address capacity inputs	2 byte
Input characteristics	As per IEC 61131-2, type 3
Input switching logic	PNP (positive switching) 2-wire sensors as per IEC 61131-2 3-wire sensors as per IEC 61131-2
Type of mounting	With H-rail
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Housing material	PA