



## **MODULE CPX-E-16DI 4080492**

URL:<https://www.sxplc.com/module-cpx-e-16di-4080492>

### **Product data sheet**

Dimensions (width x length x height)

18.9 x 76.6 x 124.3 mm

Grid size

18.9 mm

Installation method

By H-shaped guide rail

Product weight

102 g

Installation location

vertical

level

ambient temperature

-5 ° C 50 ° C

Environmental temperature description

-Vertical installation at 5-60 ° C

Storage temperature

-20 ° C 70 ° C

Relative air humidity

95%

non-condensing

Protection level

IP20

Corrosion resistance grade CRC

0- No corrosion resistance

Vibration resistance

Transport application testing, severity level 1, in compliance with FN 942017-4 and EN 60068-2-6 standards

Impact resistance

Impact test, severity level 1, in accordance with FN 942017-5 and EN 60068-2-27 standards

Maximum cable length

30 m input

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364 Zone III

CE certification (see declaration of conformity)

Compliant with EU Electromagnetic Compatibility Directive

Compliant with EU RoHS Directive

CE marking (see declaration of conformity)

Compliant with UK EMC Directive

Compliant with UK RoHS Directive

KC marking

KC-EMV

authentication

RCM trademark

UL us certification (OL)

Certificate issuing authority

UL E239998

Material Description

RoHS compliance

Shell material

PA

Diagnosis through LED

Errors for each module

The status of each channel

Diagnosis through bus

Short circuit/overload of sensor power supply

Maximum address capacity, input

2 Bytes

Module parameters

Sensor power short circuit diagnosis

Input rebound time

Signal extension time

Performance after short circuit/overload

Channel parameters

Signal extension

Nominal DC operating voltage, electronic devices/sensors

24 V

Voltage fluctuations allowed by electronic devices/sensors

$\pm 25\%$

Inherent current consumption of electronic devices/sensors at rated operating voltage

Typical value 15 mA

Reverse polarity protection

24 V sensor supply against 0 V sensor supply

Electrical interface input, function

Digital input

Electrical interface input, interface type

8x wiring terminal block

Electrical interface input, connecting the system

Spring crimping terminal

Electrical interface input, number of interfaces/cores

six

Input electrical interface, interface style

00995843

Input electrical interface, wire cross-section

0.2 mm<sup>2</sup> 1.5 mm<sup>2</sup>

Electrical interface input, description of wire cross-section

0.2-2.5mm<sup>2</sup> for flexible conductors without wire end sleeves

Input quantity

sixteen

Input features

Compliant with IEC 61131-2, Type 3

Switching level

Signal 0:  $\leq 5$  V

Signal 1:  $\geq 11$  V

Input switch logic

PNP (positive switching)

2-core sensor, compliant with IEC 61131-2 standard

3-wire sensor, compliant with IEC 61131-2

Input rebound time

0.1 ms

3 ms

10 ms

20 ms

The maximum residual current of each module's input

1.8 A

Isolation Channel - Channel

no

Isolation Channel - Internal Bus

no

Fusing protection (short circuit)

Each module is equipped with internal electronic fuses

