



## **CONTROLLER CPX-E-CEC-C1**

**5226780**

URL:<https://www.sxplc.com/controller-cpx-e-cec-c1-5226780>

### **Product data sheet**

Dimensions (width x length x height)

42.2 mm x 76.5 mm x 125.8 mm

Grid size

18.9 mm

Installation method

By H-shaped guide rail

Maximum number of modules

ten

Product weight

145 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

Protection from direct and indirect contact

PELV

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

Force mode

Module status

Network status, engineering port 1

EtherCAT ® network status

working

Power supply, electronic components/sensors

Load power supply

system failure

Operator control device

DIL switch for RUN/STOP

IP address settings

DHCP

Through CODESYS

Fieldbus interface

Ethernet

Fieldbus, protocol

EtherCAT ®

EtherCAT CoE

EtherCAT EoE

EtherCAT FoE

EtherCAT Main Station

Fieldbus interface, functions

Outbound bus connection

Fieldbus, interface type

socket

Fieldbus, connecting systems

RJ45

Fieldbus interface, interface style

00995789

Fieldbus, interface style

eight

Fieldbus interface, electrical isolation

yes

Fieldbus interface, transmission rate

100 Mbit/s

Ethernet interface, interface type

socket

Ethernet interface, protocol

EasyIP

Modbus ® TCP

OPC UA

TCP/IP

Ethernet interface, functions

diagnosis

Ethernet interface, connecting the system

RJ45

Ethernet interface, interface style

00995789

Ethernet interface, interface style

eight

Ethernet interface, transmission rate

10 Mbit/s

100 Mbit/s

Maximum address capacity, input

64 Byte

Maximum address capacity, output

64 Byte

system parameter

Diagnostic memory

Error prevention response

System startup

Module parameters



Channel alert bundling

Undervoltage diagnosis

Channel alarm undervoltage

Process value representation of analog module

Configuration support

CODESYS V3

Additional features

CODESYS V3

CPU data

128 MB RAM

Dual core, 650 MHz

Power supply, function

Electronic components and sensors

Power supply, interface type

Wiring terminal block

Power supply and connection instructions

>4 A, UL 2x power supply terminal block

Power supply, connecting the system

Spring crimping terminal

Power supply, interface style

00995847

Power supply, interface style

four

Nominal DC operating voltage, electronic devices/sensors

24 V

Voltage fluctuations allowed by electronic devices/sensors

$\pm 25\%$

Power supply, wire diameter

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

Power supply, instructions on wire diameter

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

Maximum power supply

8 A

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

Typical value 65 mA

Power failure bridging

20 ms

Reverse polarity protection

24 V sensor supply against 0 V sensor supply

programming software

CODESYS provided by Festo

Program memory

12 MB user program

Processing time

Approximately 200  $\mu$  s/1 k instruction

functional module

And others

CPX-E module diagnostic reading

CPX-E diagnostic status

CPX-E diagnostic tracking copy

Buffered real-time clock

3 Weeks

sign

120 kB reserved data

CODESYS variable

