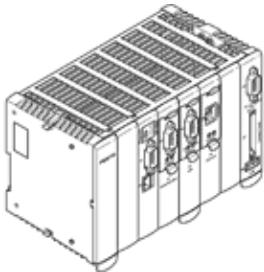


Controller CECX-X-M1

Part number: 553853

FESTO

Modular controller, Codesys V2.3, Ethernet, CAN, softmotion, control cabinet assembly.



Data sheet

Feature	Value
Corrosion resistance classification CRC	0 - No corrosion stress
Authorization	c UL us - Listed (OL)
Materials note	Contains PWIS substances Conforms to RoHS
Operating voltage	19,2 - 30 VDC
Output voltage/power	Max. power consumption 69 W Max. power output 24 V: 45 W Max. power output 5 V: 10 W
Power consumption 24 V	14 W
Ambient temperature	5 ... 55 °C
Storage temperature	-40 ... 70 °C
Relative air humidity	10 - 95 %
Protection class	IP20
Safety class	III
Product weight	580 g
Test for insensitivity to vibration	EN 60068-2-6 FC 5 - 9 Hz 3,5 mm 9 - 150 Hz 1g
Test for insensitivity to shock	EN 60068-2-27 EA 15 g, 11 ms (half sine)
Control elements	CTRL pushbutton
Status displays	7-segment display LED green = power
CPU data	64 MB DRAM 400 MHz processor
Serial interface, number	1
Serial interface, type	RS 485-A
Serial interface, connection technology	Plug Sub-D 9-pin
Serial interface, transmission rate	1200 ... 115000 Bit/s Adjustable via software
Serial interface, electrical isolation	No
Fieldbus interface	CAN-Bus
Fieldbus interface, connection technology	Plug Sub-D 9-pin
Fieldbus interface, transmission rate	125, 250, 500, 800, 1000kbit/s Adjustable via software
Fieldbus interface, electrical isolation	No
USB interface	USB 1.1
Slots	1x optional Ethernet module 1x optional CAN module

Feature	Value
	1x serial interface module 1x compact flash type 1
Ethernet, connector plug	RJ45 Socket 8-pin
Ethernet, data transmission speed	10/100 Mbit/s
Ethernet, supported protocols	TCP/IP, EasyIP, Modbus TCP
Programming software	CODESYS provided by Festo V2.3 SoftMotion
Programming language	To IEC 61131-3 Ladder diagram (LDR) Statement list (STL) Structured text Function chart Sequential function chart Additional CFC
CE symbol (see declaration of conformity)	according to EU-EMV guideline