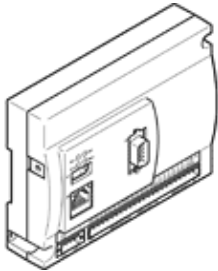# controller
CECC-D
Part number: 574415

Compact controller Codesys V3 with I/O, CAN, Ethernet.

Data sheet

Feature	Value
Corrosion resistance classification CRC	0 - No corrosion stress
Authorisation	RCM Mark c UL us - Listed (OL)
Materials note	Conforms to RoHS
Nominal operating voltage DC	24 V
Operating voltage	19,2 - 30 V DC
Current consumption	100 mA nominal at 24 V DC
Max. power supply	4.3 A
Ambient temperature	0 ... 55 °C
Storage temperature	-25 ... 70 °C
Relative air humidity	95 % non-condensing
Protection class	IP20
Safety class	III
Product weight	200 g
Test for insensitivity to vibration	to EN 61131-2
Test for insensitivity to shock	to EN 61131-2
Electrical connector technology, I/O	Socket strip, grid 3.5 mm
Status displays	LED
CPU data	400 MHz processor
Digital inputs, number	12
Digital inputs, switching logic	Positive logic (PNP)
Digital inputs, fast counting inputs	2, each with max. 180 kHz
Digital inputs, input signal delay	3 ms typ.
Digital inputs, input voltage/current	24 V DC
Digital inputs, nominal value for True	>= 15 VDC
Digital inputs, nominal value for False	<= 5 VDC
Digital inputs, electrical isolation	Yes, via optocoupler
Digital inputs, status display	LED
Max. line length	30 m inputs
Digital outputs, number	8
Digital outputs, switching logic	Positive logic (PNP)
Digital outputs, contact	Transistor
Digital outputs, output voltage	24 V DC
Digital outputs, output current	500 mA
Digital outputs, electrical isolation	Yes, via optocoupler
Digital outputs, switching frequency	max. 1 kHz
Digital outputs, short-circuit proof	Yes
Digital outputs, status display	LED
Protocol	CANopen Modbus TCP
Fieldbus interface	CAN-Bus
Fieldbus interface, connection technology	Plug Sub-D

Feature	Value
	9-pin
Fieldbus interface, transmission rate	125, 250, 500, 800, 1000kbit/s
	Adjustable via software
Fieldbus interface, electrical isolation	Yes
USB interface	USB 1.1
Ethernet, connector plug	RJ45
Ethernet, number	1
Ethernet, data transmission speed	10/100 Mbit/s
Ethernet, supported protocols	TCP/IP, EasyIP, Modbus TCP
Programming software	CODESYS provided by Festo V3
Programming language	To IEC 61131-3
	Ladder diagram (LDR)
	Statement list (STL)
	Structured text
	Function chart
	Sequential function chart
CE mark (see declaration of conformity)	to EU directive for EMC
Certificate issuing department	UL E239998-D1001