Control
CECC-D

Part number: 574415



Data sheet

Feature	Value
Type code	CECC
Certificate issuing authority	UL E239998-D1001
Max. power supply	4.3 A
Nominal operating voltage DC	24 V
Max. cable length	30 m inputs
Corrosion resistance class (CRC)	0 - No corrosion stress
Certification	RCM compliance mark c UL us - Listed (OL)
Note on materials	RoHS-compliant
Operating voltage	19.2 - 30 V DC
Current consumption	100 mA nominal at 24 V DC
Ambient temperature	0 °C ... 55 °C
Storage temperature	-25 °C ... 70 °C
Relative air humidity	95 % Non-condensing
Degree of protection	IP20
Protection class	III
Product weight	200 g
Resistance to vibration	as per EN 61131-2
Resistance to shock	as per EN 61131-2
Electrical connection technology I/O	Socket strip, 3.5 mm grid
Status indications	LED
CPU data	400 MHz processor
Digital inputs, number	12
Digital inputs, switching logic	Positive logic (PNP)
Digital inputs, fast clock pulse 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 V DC
Digital inputs, nominal value for FALSE	<= 5 V DC
Digital inputs, electrical isolation	Yes, optocoupler
Digital inputs, status indication	LED
Digital outputs, number	8
Digital outputs, switching logic	Positive logic (PNP)
Digital outputs, contact	Transistor
Digital outputs, output voltage	24 V DC

Feature	Value
Digital outputs, output current	500 mA
Digital outputs, potential separation	Yes, optocoupler
Digital outputs, switching frequency	max. 1 kHz
Digital outputs, short circuit current rating	yes
Digital outputs, status indication	LED
Protocol	CANopen Modbus® TCP
Fieldbus interface, type	CAN bus
Fieldbus interface, connection technology	Plug Sub-D 9-pin
Fieldbus interface, transmission rate	125, 250, 500, 800, 1000 kbit/s Adjustable via software
Fieldbus interface, galvanic 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	as per IEC 61131-3 KOP AWL ST FUP AS
CE marking (see declaration of conformity)	As per EU EMC directive