Control block
CPX-CEC-C1-V3

Part number: 3473128



Data sheet

Feature	Value
Protocol	CODESYS Level 2 EasyIP Modbus® TCP TCP/IP
Dimensions (W x L x H)	50 x 107 x 55 mm
Product weight	135 g
Ambient temperature	-5 °C...50 °C
Storage temperature	-20 °C...70 °C
Relative air humidity	95 % Non-condensing
Degree of protection	IP65 IP67
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Material housing	PA-reinforced PC
LED display, product-specific	ERR: PLC runtime error M: Modify/forcing active PL: Load supply PS: Electronics supply, sensor supply RUN: PLC status SF: System fault STOP: PLC status
LED display, bus-specific	TP: Link/traffic
Device-specific diagnostics	Channel-oriented and module-oriented diagnostics Undervoltage/short circuit of modules Diagnostic memory
Operator controls	DIL switch for CAN termination Rotary switch for RUN/STOP
IP address setting	DHCP Via CODESYS Via MMI
Fieldbus interface	CAN bus
Field bus interface, connection system	Plugs Sub-D 9-pin

Feature	Value
Field bus interface, electrical isolation	yes
Field bus interface, transmission rate	125, 250, 500, 800, 1000 kbit/s Can be set using software
Ethernet interface	RJ45 (socket, 8-pin)
Ethernet, number	1
Ethernet, supported protocols	TCP/IP, EasyIP, Modbus TCP
Ethernet, plug connector	RJ45 Bushing 8-pin
Ethernet, data transmission rate	10/100 Mbit/s
Parameterisation	CODESYS V3
Configuration support	CODESYS V3
Additional functions	Diagnostic functions Motion functions for electric drives
CPU data	256 MB RAM 32 MB flash 800 MHz processor
Control-Interface	CAN bus
Nominal operating voltage DC	24 V
Nominal DC operating voltage, load voltage	Without pneumatic components: 18 ... 30 V 24 V With pneumatics type midi/maxi: 21.6 ... 26.4 V With pneumatics type CPA: 20.4 ... 26.4 V With pneumatics type MPA: 18 ... 30 V
Intern power consumption nominal operating voltage	Typ. 85 mA
Power failure bridging	10 ms
Programming, operating language	DE, EN
Programming language	To IEC 61131-3 KOP AWL ST FUP AS Additionally CFC
Programming, support for file handling	yes
Programming software	CODESYS provided by Festo
Program memory	16 MB user program
Processing time	Approx. 200 µs/1 k instruction
Function modules	Read CPX module diagnostics CPX diagnostic status Copy CPX diagnostic trace And others
Flag	28 kB remanent data CODESYS variable concept
Total number of axes	127