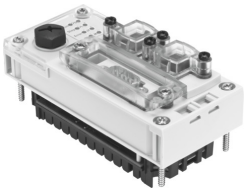
Control block
CPX-CEC-C1-V3

Part number: 3473128



General operating condition

Data sheet

Feature	Value
Protocol	CODESYS level 2 EasyIP Modbus® TCP TCP/IP
Dimensions W x L x H	50 mm x 107 mm 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
Housing material	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
Control elements	DIL switch for CAN termination Rotary switch for RUN/Stop
IP address setting	DHCP Via CODESYS Via MMI
Fieldbus interface, type	CAN bus
Fieldbus interface, connection technology	Plug Sub-D 9-pin
Fieldbus interface, galvanic isolation	yes
Fieldbus interface, transmission rate	125, 250, 500, 800, 1000 kbit/s Adjustable via software
Ethernet interface	RJ 45 (socket, 8-pin)

Feature	Value
Ethernet, number	1
Ethernet, supported protocols	TCP/IP, EasyIP, Modbus® TCP
Ethernet, connector plug	RJ45 Socket 8-pin
Ethernet, data transmission speed	10/100 Mbit/s
Parameterization	CODESYS V3
Configuration support	CODESYS V3
Additional functions	Diagnostic functions Motion functions for electric actuators
CPU data	256 MB RAM 32 MB flash 800 MHz processor
Control interface	CAN bus
Nominal operating voltage DC	24 V
Nominal operating voltage DC load voltage	Without pneumatics: 18 ... 30V 24 V With midi/maxi pneumatic valves types: 21.6 ... 26.4 V With pneumatic type CPA: 20.4 ... 26.4 V With pneumatics type MPA: 18 ... 30 V
Intrinsic current consumption at nominal operating voltage	Typ. 85 mA
Power failure buffering	10 ms
Programming, operating language	DE, EN
Programming language	as per IEC 61131-3 KOP AWL ST FUP AS Additionally CFC
Programming, file handling support	yes
Programming software	CODESYS provided by Festo
Program memory	16 MB user program
Processing time	Approx. 200 µs/1 k instruction
Function blocks	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

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