Control block
CPX-CEC-S1-V3

Part number: 3472425



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
Max. cable length	30 m
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	Rotary switch for RUN/STOP
IP address setting	DHCP Via CODESYS Via MMI
Ethernet interface	RJ45 (socket, 8-pin)
Ethernet, number	1
Ethernet, supported protocols	TCP/IP, EasyIP, Modbus TCP

Feature	Value
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 RS232 communication function
CPU data	256 MB RAM 32 MB flash 800 MHz processor
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
Serial interface, number	1
Data interface	RS 232 interface Sub-D, 9-pin, bushing 9.6 ... 230.4 kbit/s Galvanically isolated
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