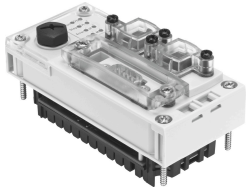


Control block CPX-CEC-S1-V3

Part number: 3472425

FESTO



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 |
| Max. cable length | 30 m |
| 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 | Rotary switch for RUN/Stop |
| IP address setting | DHCP Via CODESYS Via MMI |
| Ethernet interface | RJ 45 (socket, 8-pin) |
| Ethernet, number | 1 |
| Ethernet, supported protocols | TCP/IP, EasyIP, Modbus® TCP |

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