

Automation system CPX-AP-A

Gaminio numeris: 8079933

FESTO



Pavyzdys

Tech. Duomenys

Pilnas duomenų lapas- atskiros reikšmės priklauso nuo Jūsų konfigūracijos.

Savybės	Reikšmė
Elektrinis valdymas	Ethernet
Protokolas	AP
Matmenys B x L x H	Abhängig von Konfiguration
Tinklelio matmuo	50,1 mm
Montavimo tipas	Direct mounting via through-holes On H-rail with accessories Montavimo korpuse suspaustas Via through-hole for M5 screw Via through-hole for M6 screw With through-hole for M5 screw with accessories With through-hole for M6 screw with accessories
Didžiausias modulių skaičius	15
Produkto svoris	450 ... 5.200 g
Montavimo pozicija	Any, on H-rail: horizontal
Aplinkos temperatūra	-20 ... 50 °C
Note on ambient temperature	Note ambient temperature derating according to IEC 61131-2:2017
Saugojimo temperatūra	-20 ... 70 °C
Sąlyginė oro drėgmė	5 - 95 % nesikondensuojantis
Nominal altitude of use	≤ 2000 m ASL (≥ 79,5 kPa)
Max. installation height	3.500 m
Note on max. installation height	> 2000 m ASL (< 79,5 kPa) Note ambient temperature derating according to IEC 61131-2:2017
Apsaugos klasė	IP65 IP67
Note on degree of protection	Unused connections sealed
Atsparumo korozijai klasė CRC	1 - Low corrosion stress
Atsparumas vibracijoms	Tinkamumo transportui patikra, 2 sunkumo lygio pagal FN 942017-4 ir EN 60068-2-6
Note on vibration resistance	SG1 on H-rail SG2 on direct mounting Tinkamumo transportui patikra, 1 sunkumo lygio pagal FN 942017-4 ir EN 60068-2-6
Atsparumas smūgiams	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Note on shock resistance	30 g/11 ms to EN 60068-2-27 SG1 on H-rail SG2 on direct mounting Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-27
Saugumo klasė	III
Apsauga nuo tiesioginio ir netiesioginio kontakto	SELV/PELV fixed power supplies required
Užterštumo laipsnis	2

Savybės	Reikšmė
Overvoltage category	II
PWIS conformity	VDMA24364-B2-L
CE ženklas (žr. deklaracija)	atitinka EU-EMV reikalvumus in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Leidimas	RCM Mark c UL us - Listed (OL)
Skyriaus sertifikatas	UL E239998
Informacija	atitinka RoHS Be halogeno Free of phosphoric acid ester
Diagnostics via LED	(Outputs) Power supply load Diagnostics per channel Diagnostics per module EtherCAT RUN Ethernet/IP communication PROFINET communication Power supply electronics/sensors Power supply load Status per channel Status per module System diagnostics Maintenance required (Outputs) Diagnostics per channel (Inputs-Outputs) Diagnostics per module (Inputs-Outputs) Status per channel
Diagnostics via bus	Communication error Load switch-off Load overvoltage Load undervoltage Electronics/sensors overvoltage Electronics/sensors undervoltage APDD invalid
Diagnostics per internal communication	Load switch-off IO-Link® event Short-circuit/overload output signal Short circuit/overload in sensor supply Communication error Electronics/sensors overvoltage Load overvoltage Electronics/sensors undervoltage Load undervoltage
Pastaba dėl fieldbus sąsajos	All information that is relevant to CPX-AP can be read out via the Ethernet interfaces/fieldbus connections and changed depending on the function. Auto MDI, the bus module performs a crossover check Firmware update via Ethernet interface/fieldbus connection I&M functionality according to PNO is supported.
Feldbus jungtis	Ethernet
Fieldbus interface, protocol	ACD (Addr. Conflict Detection) DLR (Device Level Ring) EtherCAT EtherCAT CoE EtherCAT Distrib. Clocks (DC) EtherCAT EoE MRP, MRPD (ring redundancy) EtherCAT FoE EtherCAT Mod. Dev. Prof. (MDP) EtherNet/IP EtherNet/IP QoS

Savybės	Reikšmė
	EtherNet/IP Quickconnect LLDP Modbus/TCP (Modbus/UDP) S2 system redundancy PROFINET FSU PROFINET I&M0 .. 3 PROFINET IRT PROFINET RT PROFINET Shared device SNMP
Fieldbus interface, type of connection	2x rozetė
Fieldbus interface, connection technology	M12x1, D-coded in accordance with EN 61076-2-101 RJ45 according to IEC 61076-3-117 (V14)
Fieldbus interface, number of pins/wires	4 ... 8 °C
Feldbus jungtis, galvaninis atskyrimas	Taip
Feldbus jungtis, perdavimo greitis	100 Mbit/s
Maksimali adreso apimtis įėjimams	1.024 Byte 4.096 Byte
Pastaba dėl įėjimų	EP: 488 Byte Modbus: 4096 Byte
Maksimali adreso apimtis išėjimams	1.024 Byte 4.096 Byte
Nuoroda išėjimui	EP: 496 Byte Modbus: 4096 Byte
Module parameters	Configuration of voltage monitoring load supply PL Behaviour after short circuit/overload at the output
Channel parameters	Activation diagnostics for IO-Link® device lost Input debounce time Port mode Target deviceID Target vendorID Target cycle time
Vidaus ciklo laikas	< 1 ms
Parama konfigūruojant	EDS failas ESI file GSDML-duomenys IODD file
Power supply, function	Incoming electronics/sensors and load and functional earth
Power supply, type of connection	Kištukas
Power supply, connection technology	7/8" according to NFPA/T3.5.29 M12x1, L-coded to EN 61076-2-111 Push-pull according to IEC 61076-3-126 M18x1
Power supply, number of pins/wires	4 ... 5 °C
Pastaba dėl darbinės įtampos	SELV/PELV fixed power supplies required Note voltage drop
Note on nominal operating voltage DC	Prot.Ext.Low-Volt. IEC 60204-1
Nominali darbinė įtampa, nuolatinės srovės išėjimui	24 V
Permissible voltage fluctuations, load	± 25 %
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	± 25 %
Didžiausia leistina srovė	8 ... 16 A
Typ. intrinsic current consumption at nominal operating voltage for electronic system/sensors	0,04 ... 10 A
Typ. intrinsic current consumption at nominal operating voltage, load	0,003 ... 10 A
Galios susilpnėjimo mažinimas	10 ms
Potential separation between the supply voltages electronics/sensors and load/valves	Taip
Apsaugotas nuo poliariškumo pakeitimo	Taip