

Automation system CPX-AP-A

Broj artikla: 8079933

FESTO



Prikaz primjera

Tehnički podaci

Skupni list podataka - Pojedinačne vrijednosti ovise o Vašoj konfiguraciji.

Svojstvo	Vrijednost
Električno aktiviranje	Ethernet
Protokol	AP
Dimenzije Š x D x V	Abhängig von Konfiguration
Mjera rastera	50,1 mm
Vrsta pričvršćenja	Izravna ugradnja pomoću prolaznih rupa Na H-šini s priborom na montažnom okviru vijčano pričvršćen 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
Maks. broj modula	15
Težina proizvoda	450 ... 5.200 g
Položaj ugradnje	Any, on H-rail: horizontal
Temperatura okoline	-20 ... 50 °C
Informacija o temperaturi okoline	Note ambient temperature derating according to IEC 61131-2:2017
Temperatura ležaja	-20 ... 70 °C
Relativna vlažnost zraka	5 - 95 % ne kondenzira se
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
Mehanička zaštita	IP65 IP67
Opaska o stupnju zaštite	Unused connections sealed
Klasa korozione otpornosti KBK	1 - niska otpornost na koroziju
Otpornost na vibracije	Ispitivanje transporta sa stupnjem oštine 2 prema FN 942017-4 i EN 60068-2-6
Note on vibration resistance	SG1 on H-rail SG2 on direct mounting Ispitivanje transporta sa stupnjem oštine 1 prema FN 942017-4 i EN 60068-2-6
Udarna čvrstoća	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
Klasa zaštite	III
Zaštita od direktnog i indirektnog dodira	SELV/PELV fixed power supplies required
Stupanj onečišćenja	2

Svojstvo	Vrijednost
Overvoltage category	II
PWIS conformity	VDMA24364-B2-L
CE znak (vidi izjavu o sukladnosti)	prema EU-EMV-smjernici in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Dozvola	RCM Mark c UL us - Listed (OL)
Mjesto izdavanja certifikata	UL E239998
Materijal - napomena	RoHS sukladno Bez halogena Bez estera fosforne kiseline
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
Uputa o Feldbus sučelju	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 sučelje	Ethernet
Fieldbus sučelje, protokol	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

Svojstvo	Vrijednost
	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 sučelje, način spajanja	2 x utičnica
Fieldbus sučelje , tehnologija spajanja	M12x1, D-coded u skladu s EN 61076-2-101 RJ45 according to IEC 61076-3-117 (V14)
Fieldbus sučelje, broj pinova/žica	4 ... 8 °C
Feldbus sučelje, galvansko odvajanje	da
Feldbus sučelje, prijenosni odnos	100 Mbit/s
Maksimalni volumen adrese za ulaze	1.024 Byte 4.096 Byte
Napomena za ulaze	EP: 488 Byte Modbus: 4096 Byte
Maksimalni volumen adrese za izlaze	1.024 Byte 4.096 Byte
Uputa za izlaze	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
Interno vrijeme ciklusa	< 1 ms
Potporna konfiguracije	EDS datoteka ESI-datoteka GSDML datoteka IODD file
Power supply, function	Incoming electronics/sensors and load and functional earth
Napajanje, način spajanja	Utikači
Napajanje, tehnologija spajanja	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
Napajanje, broj pinova/žica	4 ... 5 °C
Uputa za pogonski napon	SELV/PELV fixed power supplies required Note voltage drop
Note on nominal operating voltage DC	Prot.Ext.Low-Volt. IEC 60204-1
Nazivni pogonski napon DC izlaza	24 V
Permissible voltage fluctuations, load	± 25 %
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	± 25 %
Maks. opskrba strujom	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
Premošćenje ispada mreže	10 ms
Potential separation between the supply voltages electronics/sensors and load/valves	da
Zaštita od zamjene polova	da