

Automation system CPX-AP-A

料號: 8079933

FESTO



代表範例

技術參數

整體數據表 – 個別數值取決於您的配置。

特性	值
電氣連接	Ethernet
通訊協定	AP
尺寸 寬(W) x 長(L) x 高(H)	Abhängig von Konfiguration
網柵尺寸	50.1 mm
安裝類型	Direct mounting via through-holes On H-rail with accessories 在安裝框架上 收緊 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
模組的最大數量	15
產品重量	450 ... 5,200 g
裝配位置	Any, on H-rail: horizontal
環境溫度	-20 ... 50 °C
Note on ambient temperature	Note ambient temperature derating according to IEC 61131-2:2017
儲藏溫度	-20 ... 70 °C
相對空氣濕度	5 - 95 % 非冷凝
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
防護等級	IP65 IP67
Note on degree of protection	Unused connections sealed
耐腐蝕等級 CRC	1 - Low corrosion stress
耐振動	傳送應用測試在安全等級 2 符合 FN 942017-4 及 EN 60068-2-6
Note on vibration resistance	SG1 on H-rail SG2 on direct mounting 傳送應用測試在安全等級 1 符合 FN 942017-4 及 EN 60068-2-6
耐衝擊	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
安全等級	III
直接和間接接觸保護	SELV/PELV fixed power supplies required
污染程度	2
Overvoltage category	II
PWIS conformity	VDMA24364-B2-L

特性	值
CE 符號 (參見符合的標準)	根據 EU-EMV 指導原則 in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
授權	RCM Mark c UL us - Listed (OL)
認證核發部門	UL E239998
材料備註	符合 RoHS 不含鹵素 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
fieldbus接口的注意事項	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.
Fieldbus介面	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 EtherNet/IP Quickconnect LLDP

特性	值
	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 插座
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
Fieldbus 介面, 電絕緣	是
Fieldbus 介面, 傳輸速度	100 Mbit/s
用於輸入的最大位址容量	1,024 Byte 4,096 Byte
Note on inlets	EP: 488 Byte Modbus: 4096 Byte
用於輸出的最大位址容量	1,024 Byte 4,096 Byte
輸出注意事項	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
內部循環時間	< 1 ms
配置支援	EDS文件 ESI file GSDML 檔案 IODD file
Power supply, function	Incoming electronics/sensors and load and functional earth
Power supply, type of connection	插頭
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
Note regarding operating voltage	SELV/PELV fixed power supplies required Note voltage drop
Note on nominal operating voltage DC	Prot.Ext.Low-Volt. IEC 60204-1
額定工作電壓, DC 輸出	24 V
Permissible voltage fluctuations, load	± 25 %
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	± 25 %
最大電源供應	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
能源不足緩衝	10 ms
Potential separation between the supply voltages electronics/sensors and load/valves	是
極性保護	是