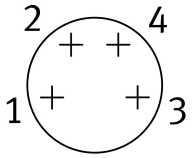
End plate
CPX-AP-A-EPLI-S

Part number: 8129249



Data sheet

Feature	Value
Dimensions W x L x H	(installation dimensions) 48.4 mm x 117.2 mm x 61.5 mm
Type of mounting	Direct mounting via through-hole On H-rail with accessories On mounting frame with through-hole for M5 screw with through-hole for M6 screw
Product weight	256 g
Mounting position	Arbitrary, on H-rail: horizontal
Ambient temperature	-20 °C...50 °C
Note on ambient temperature	Observe ambient temperature derating according to IEC 61131-2:2017
Storage temperature	-20 °C...70 °C
Relative air humidity	5 - 95% Non-condensating
Nominal altitude of use above sea level	<= 2000 m ASL (> 79.5 kPa)
Max. installation height	3500 m
Information on max. installation height	> 2000 m ASL (< 79.5 kPa) Observe ambient temperature derating according to IEC 61131-2:2017
Corrosion resistance class (CRC)	1 - Low corrosion stress
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Note on vibration resistance	SG1 for DIN rail SG2 on direct mounting Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Note on shock resistance	30 g/11 ms as per EN 60068-2-27 SG1 on DIN rail SG2 on direct mounting Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27
Protection class	III
Contamination level	2
Overvoltage category	II

Feature	Value
Max. cable length	50 m system communication
LABS (PWIS) conformity	VDMA24364-B2-L
Material fire test	UL94 V-0 (housing)
Note on materials	RoHS compliant Halogen-free Contains no phosphoric acid esters
Housing material	Die-cast aluminum, coated
Cover material	PBT-reinforced
Material of screws	Steel, nickel-plated Galvanized steel
Seals material	PU foam
O-ring material	FPM
Diagnostics via LED	Diagnostics per module Power supply for electronics/sensors Load power supply
Diagnose per internal communication	Load switch-off Communication error Electronics/sensors overvoltage Overvoltage load Electronics/sensors undervoltage Undervoltage load
Communication interface, function	System communication XF10 IN / XF20 OUT
Communication interface, connection type	2x port
Communication interface, connection technology	M8x1, D-coded as per EN 61076-2-114
Communication interface, number of pins/wires	4
Communication interface, protocol	AP
Communication interface, shielding	Yes
Power supply, function	Incoming electronics/sensors and load
Power supply, type of connection	Plug
Power supply, connection technology	M8x1, A-coded as per EN 61076-2-104
Power supply, number of pins/wires	4
Voltage forwarding, function	Outgoing electronics/sensors and load
Voltage forwarding, connection type	Socket
Voltage forwarding, connection technology	M8x1, A-coded as per EN 61076-2-104
Voltage forwarding, number of pins/wires	4
Note regarding operating voltage	SELV/PELV fixed power supplies required Note voltage drop
Note on nominal operating voltage DC	2x24 V [XD1,PS,PL] Protected Extra-Low-Voltage as per IEC 60204-1
Nominal operating voltage DC load	24 V
Permissible voltage fluctuations load	±25%
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	±25%
Power supply, conductor diameter	0.5 mm²
Nominal current	4 A
Max. power supply	2 x 4 A (external fuse required)
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typically 41 mA
Intrinsic current consumption at nominal operating voltage load	Typically 3 mA
Power failure buffering	10 ms
Potential separation between the supply voltages electronics/sensor technology and load/valves	Yes
Reverse polarity protection	Yes