Cover plate
CPX-AP-A-FSCP

Part number: 8245171



Data sheet

Feature	Value
Dimensions (W x L x H)	50.1 mm x 107.3 mm x 57.5 mm
Grid dimension	50.1 mm
Type of mounting	Threaded
Product weight	94 g
Mounting position	Any
Ambient temperature	-20 °C...50 °C
Storage temperature	-20 °C...70 °C
Relative air humidity	5 - 95%
Nominal altitude of use	<= 2000 m ASL (> 79.5 kPa)
Max. installation height	3500 m
Note on max. installation height	> 2000 m ASL (< 79.5 kPa)
Degree of protection	IP65 IP67
Corrosion resistance class CRC	1 - Low corrosion stress
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Note on vibration resistance	SG1 on DIN rail SG2 on direct mounting Transport application test with severity class 1 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Note on shock resistance	30 g/11 ms to EN 60068-2-27 SG1 on DIN rail SG2 on direct mounting Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27
Protection class	III
Pollution degree	2
Overvoltage category	II
LABS (PWIS) conformity	VDMA24364-B2-L
Fire test material	UL94 V-0 (housing)
Note on materials	RoHS compliant Free of halogen Free of phosphoric acid ester
Material cover	Reinforced PBT

Feature	Value
Material screws	Nickel-plated steel
Communication interface, protocol	AP
Note regarding operating voltage	SELV/PELV fixed power supplies required
Note on nominal operating voltage DC	Protected Extra-Low-Voltage to IEC 60204-1
Nominal operating voltage DC of load	24 V
Permissible voltage fluctuation of load	±25%
Nominal DC operating voltage, electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	±25%
Power failure bridging	10 ms
Reverse polarity protection	Yes
Electrical isolation of inputs between channel – internal communication	Yes
Electrical isolation of inputs between channels	No
Max. power supply per channel	2 A