Input module
CP-E16-M12-EL

Part number: 546923



Data sheet

Feature	Value
Type of mounting	Alternatively: With through-hole With DIN rail
Ambient temperature	-5 °C...50 °C
Storage temperature	-20 °C...70 °C
Degree of protection	IP65 IP67
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC characters	KC-EMV
Certification	RCM compliance mark c UL us - recognized (OL)
Certificate issuing authority	UL E239998
Note on materials	RoHS compliant
Housing material	PA-reinforced
Cover material	PA-reinforced
LED indicators	16 channel status 2 module diagnostics 4 group diagnostics
Max. number of inputs	16
DC operating voltage range	18 V...30 V
Nominal operating voltage DC	24 V
DC load voltage operating voltage range	24 V
Load voltage residual ripple	4 Vss
Input characteristics	IEC1131-T2
Switching level	Signal 0: <= 6 V Signal 1: >= 8.6 V
Input switching logic	PNP (positive switching)
Input debounce time	3 ms (0.5 ms, 10 ms, 20 ms parameterizable)
Max. residual current per module	0.7 A

Feature	Value
Electrical isolation between channels	No
Fuse protection (short circuit)	Internal electronic fuse per group