Input module
CP-E16-M8-EL

Part number: 546922



Data sheet

Feature	Value
Type of mounting	Either: With through-hole With H-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 mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC mark	KC-EMV
Approval	RCM trademark c UL us listed (OL)
Note on materials	RoHS-compliant
Material housing	PA-reinforced
Material cover	PA-reinforced
LED display	16 Channel status 2 Module diagnostics 4 Group diagnostics
Max. number of inputs	16
Operational voltage range DC	18 V...30 V
Nominal operating voltage DC	24 V
Operating voltage DC load voltage	24 V
Residual ripple, load voltage	4 Vpp
Characteristic for inputs	IEC1131-T2
Switching level	Signal 0: <= 6 V Signal 1: ≥ 8.6 V
Switching logic for inputs	PNP (positive switching)
Input debounce time	3 ms (0.5 ms, 10 ms, 20 ms, parameterisable)
Max. total current per module	0.7 A
Isolation channel - channel	no

Feature	Value
Fuse protection (short circuit)	Internal electronic fuse protection for each group