Input module
CTMM-S1-D-8E-M8-3
Part number: 8047505

Data sheet

Feature	Value
Dimensions W x L x H	27 mm x 123 mm x 40 mm
Width dimension	28 mm
Product weight	75 g
Temperature of medium	-5 ºC...50 ºC
Ambient temperature	-5 ºC...50 ºC
Storage temperature	-20 ºC...40 ºC
Degree of protection	IP65 IP67
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Vibration resistance	Transport application test with severity level 2 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
Max. cable length	30 m
LABS (PWIS) conformity	VDMA24364-B1/B2-L
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	RoHS-compliant
Housing material	PA-reinforced
Diagnostics via LED	Faults per module Status per channel
No. of outputs	0
Nominal operating voltage DC	24 V
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	± 25 %
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typically 12 mA
Electrical connection input, function	Digital input
Electrical connection input, connection type	8x socket
Electrical input connection, connection technology	M8x1, A-coded as per EN 61076-2-104
Electrical connection, input, number of pins/wires	3
No. of inputs	8
Input characteristics	As per IEC 61131-2, type 3
Switching level	Signal 0: <= 5 V Signal 1: >= 11 V

Feature	Value
Input switching logic	PNP (positive switching)
Input debounce time	0.1 ms
Max. residual current of inputs per module	0.2 A
Electrical isolation between channels	no
Electrical isolation between channel and internal bus	no
Fuse protection (short circuit)	Internal electronic fuse