

FTM1DE16C12

compact IP67 modular I/O splitter box - Advantys
FTM - 16 I - 24 V DC



Main

Range of product	Advantys FTM
Product or component type	IP67 modular I/O splitter box
Splitter box type	Compact
Input/output number	16
Discrete input number	16
Product compatibility	With 2-wire/3-wire sensors
Electrical connection	1 male connector M12 bus module or previous module 8 female connectors M12 sensor

Complementary

Internal current consumption	50 mA
[Ue] rated operational voltage	24 V DC
Supply current	<= 4 A
Discrete input voltage	24 V
Discrete input voltage type	DC
Discrete input current	200 mA
Discrete input logic	Positive
Sensor power supply	18...30 V
Reverse polarity protection	Internal
Input filtering	1 ms
Control threshold undervoltage	0...18 V
Status LED	1 LED per channel yellow channel status 1 LED power supply diagnostics
Surge withstand	-1 kV signal conforming to IEC 61000-4-5 1 kV signal conforming to IEC 61000-4-5 0.5 kV ground/PE conforming to IEC 61000-4-5 0.5 kV power supply conforming to IEC 61000-4-5
Operating position	Any position
Fixing mode	By 2 screws
Tightening torque	1.5 N.m, M4 screw(s)
Product weight	0.22 kg

Environment

standards	IEC 1131-2 Type 2
product certifications	CULus
ambient air temperature for operation	0...55 °C
ambient air temperature for storage	-25...70 °C
IP degree of protection	IP67
operating altitude	0...2000 m
vibration resistance	15 gn conforming to IEC 68-2-6
shock resistance	50 gn, for 11 ms conforming to IEC 68-2-27, EA tests
resistance to electrostatic discharge	8 kV in air conforming to IEC 61000-4-2 -4 kV in contact conforming to IEC 61000-4-2 4 kV in contact conforming to IEC 61000-4-2 -8 kV in air conforming to IEC 61000-4-2
resistance to radiated fields	10 V/m conforming to IEC 61000-4-3
resistance to fast transients	-2 kV power supply conforming to IEC 61000-4-4 2 kV power supply conforming to IEC 61000-4-4 -2 kV signal conforming to IEC 61000-4-4

2 kV signal conforming to IEC 61000-4-4

resistance to conducted disturbances

10 V conforming to IEC 61000-4-6