

# Product data sheet

Specifications



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

FTM1DE16C12

ⓘ Discontinued

### 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
Maximum 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 for M4 screw(s)
Net Weight	0.22 kg

### Environment

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	-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 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

## Contractual warranty

Warranty	18 months
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