

Product datasheet

Specifications



AS-Interface master module - M3 (7.3 analogue profile) V2.11 - 29.5..31.6 V DC

TWDNOI10M3

⚠ Discontinued on: 21 Jun 2022

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Main

Range Of Product	Twido Modicon M238 logic controller
Product Or Component Type	AS-Interface master module
Product Compatibility	TWDLMDA40DUK TWDLCAA24DRF TWDLMDA20DUK TWDLMDA40DTK TWDLCA24DRF TWDLMDA20DRT TWDLCA40DRF TWDLCAE40DRF TWDLCAA40DRF TWDLCAE40DRF TWDLMDA20DTK
Bus Type	AS-Interface M3 (7.3 analogue profile) V2.11
Addressing	Standard and extended
[Us] Rated Supply Voltage	29.5...31.6 V DC
Number Of Server Device(S)	62 for discrete module 7 for analogue module
Number Of Input Channels	0...124 standards slaves 0...248 slaves in bank A and B
Number Of Output Channels	0...124 (standards slaves) 0...186 (slaves in bank A and B)

Complementary

Supply	External supply
Electrical Connection	Removable screw terminal block for power supply
Current Consumption	80 mA at 5 V DC
Power Dissipation In W	0.54 W at 24 V DC
Number Of Modules Per Base Controller	2
As-I Cabling System Cycle Time	0.156 x (1 + N) ms with 20...62 slave(s) 10 ms with 62 slave(s) 5 ms with 31 slave(s) 3 ms
Maximum Length Of Segment	200 m with 1 repeater ASIRPT01 200 m with line extension TCSARR01M 300 m with 2 repeaters ASIRPT01 100 m

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

Status Led	1 LED (green) connected mode (CMO) 1 LED (green) local mode (LMO) 1 LED (green) module power (PWR) 1 LED (red) configuration error (FLT) 1 LED (red) unconnected mode (OFF) 3 LEDs (green) input channel 3 LEDs (green) output channel
Net Weight	0.085 kg

Environment

Product Certifications	AS-Interface No 47801
Ip Degree Of Protection	IP20
Ambient Air Temperature For Operation	0...55 °C
Ambient Air Temperature For Storage	-25...70 °C

Packing Units

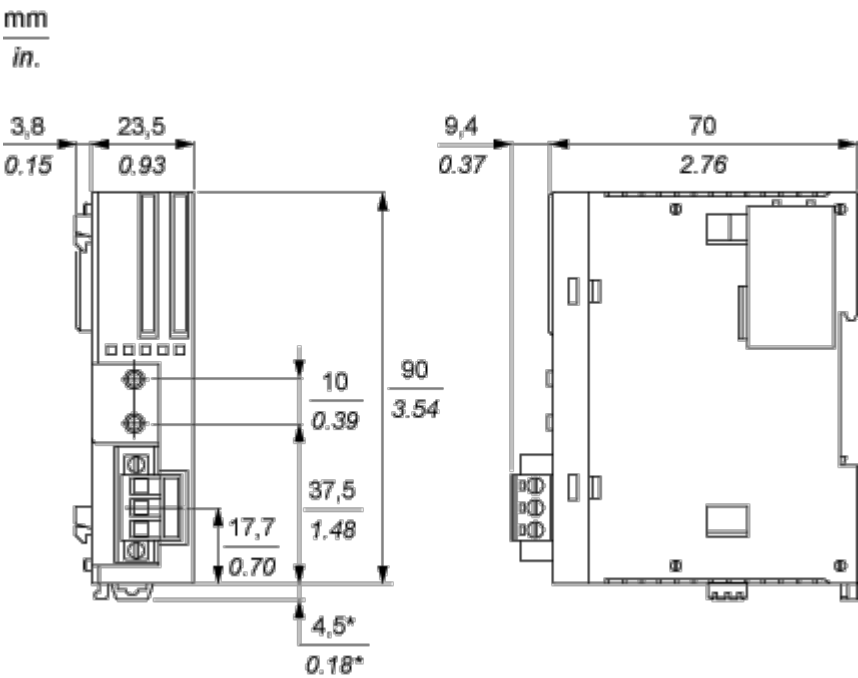
Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	10.5 cm
Package 1 Length	13 cm
Package 1 Weight	185 g

Contractual warranty

Warranty	18 months
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Dimensions Drawings

Dimensions

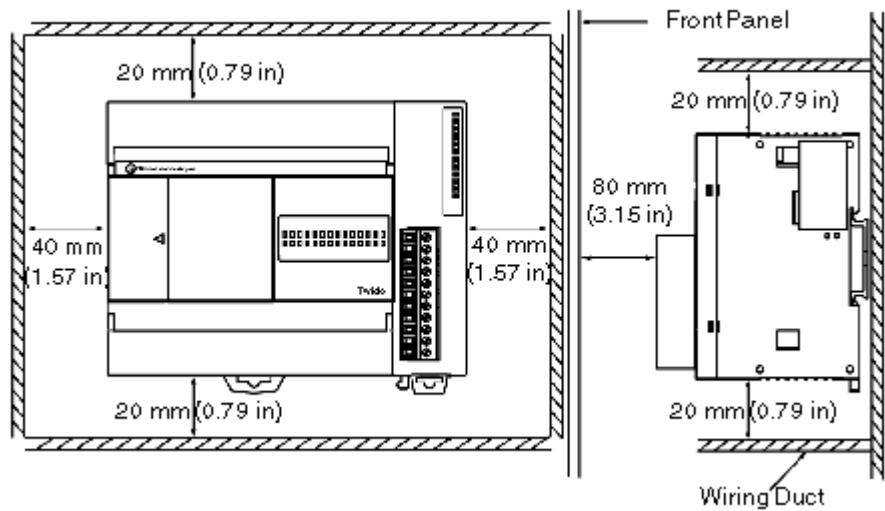


* 8.5 mm (0.33 in) when the clamp is pulled out.

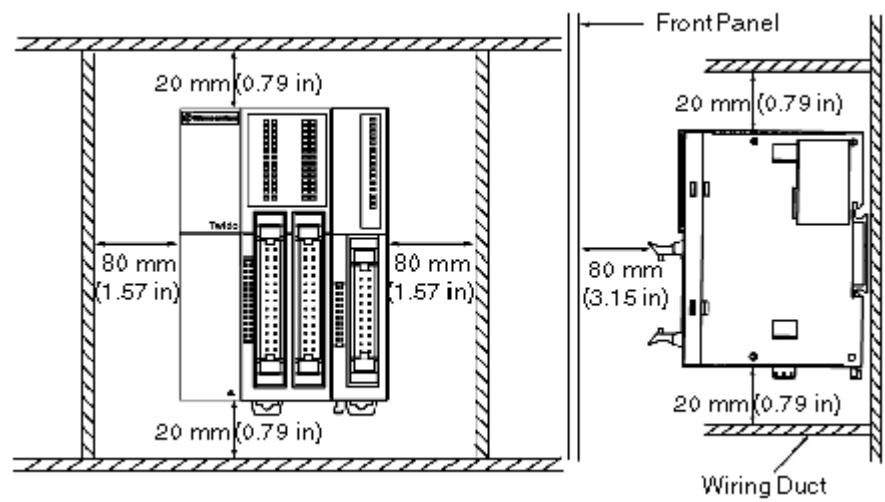
Mounting and Clearance

Minimum Clearances

For a Compact Base and Expansion I/O Modules



For a Modular Base and Expansion I/O Modules



Mounting Hole Layout

