



Main

Range of Product	Modicon M168 logic controller
Product or Component Type	Communication module
Communication Port Protocol	Modbus TCP/IP

Complementary

Integrated connection type	Ethernet TCP/IP RJ45 - 2 twisted pairs - class D
Transmission rate	10/100 Mbit/s
Communication service	SNMP BOOTP, Modbus TCP/IP FTP Configure IP parameters Read device identification (43/14) Read holding registers (03) Read input registers (04) Write single register (06) Write multiple registers (16) Read/write multiple registers (23)
Web services	Web server
Physical interface	RJ45 - 10BASE-T RJ45 - 100BASE-TX
Memory description	User web page size 2 MB
Local signalling	For transmission activity 1 LED For reception activity (RX) 1 LED For module status 1 LED For error 1 LED
Product Compatibility	M168 logic controller
Net Weight	0.10 lb(US) (0.044 kg)

Environment

Product Certifications	UL 873 CSA UL 60730-1 UL 508
Electromagnetic compatibility	EMC immunity EN/IEC 61000-6-1 EMC immunity level 2 EN/IEC 60730-1 Electrostatic discharge level 3B IEC 61000-4-2 Radiated RF fields level 3A IEC 61000-4-3 Electrical fast transient/burst immunity test level 4B IEC 61000-4-4 Surge immunity test level 3 IEC 61000-4-5 Conducted RF disturbances level 3A IEC 61000-4-6 Conducted EMC level 2 EN/IEC 60730-1 Conducted EMC EN/IEC 61000-6-3 EMC immunity IEC 61800-3 Conducted EMC IEC 61800-3 category C1
Marking	CE
IP Degree of Protection	IP20
Ambient air temperature for operation	-4...149 °F (-20...65 °C)

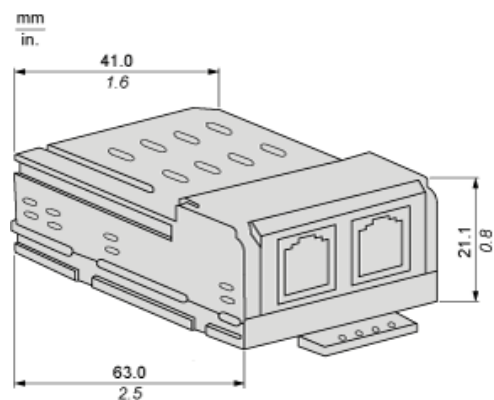
Ambient Air Temperature for Storage	-13...158 °F (-25...70 °C)
Relative Humidity	5...95 % without condensation
Pollution degree	2
Operating altitude	0...6561.68 ft (0...2000 m)
Storage altitude	0.00...10000.00 ft (0...3048 m)
Vibration resistance	1.5 mm 3...13 Hz) 1 mm 13...23 Hz) 2 gn 23...150 Hz)
Shock resistance	15 gn 11 ms

Offer Sustainability

EU RoHS Directive	Under investigation
Toxic heavy metal free	Yes
Lead free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration

Modbus TCP Network Connectivity Module

Dimensions



Mouser Electronics

Authorized Distributor

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