



### Main

Range of Product	Modicon M168 logic controller
Product or Component Type	Communication module
Communication Port Protocol	BACnet IP

### Complementary

Integrated connection type	Ethernet TCP/IP RJ45 - 2 twisted pairs - class D
Transmission rate	10/100 Mbit/s
Communication service	COV notification AV, BV, MSV, BACnet IP BOOTP FFTP SNMP
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	BTL CSA UL 508 UL 873 UL 60730-1
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

### Ordering and shipping details

Category	22535 - M168 HVAC CONTROLLER
Discount Schedule	PC12
GTIN	3595864109749
Nbr. of units in pkg.	1
Package weight(Lbs)	2.43 oz (69 g)
Returnability	No
Country of origin	IN

### Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.36 in (6 cm)
Package 1 width	2.36 in (6 cm)
Package 1 Length	3.54 in (9 cm)
SCC14	10731304284328

### Offer Sustainability

EU RoHS Directive	Under investigation
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### Contractual warranty

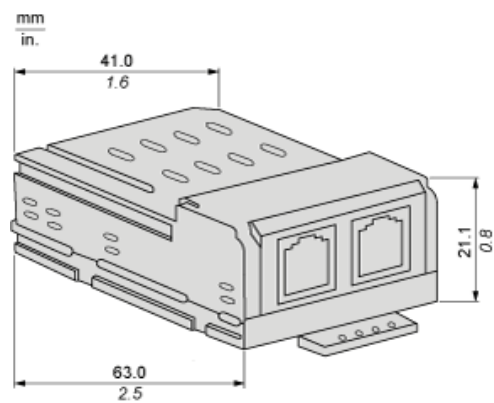
Warranty	18 months
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BACnet Ethernet Network Connectivity Module

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Dimensions



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[TM168BACW](#)