

Project	Part Number	Ref.
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CM is a BACnet Application Specific Controller that contains the control application engine, capacitive touch station (CTS) support, and network communications. CM is available in multiple configurations. Configuration is determined by I/O capacity requirements, primary network communication type, and optional protocol support. CM is a standard option for all control products. CM is combined with other modules via a pluggable CANbus to address specific application requirements.



- BACnet Communication
- Real-Time Clock with Battery Backup
- Battery Life of 10 Years
- Rotary Dial Addressing
- Remote Configuration
- Time Sync
- Field Replaceable Firmware
- CANbus Communication
- DMX Communication

General

Device Type	Class II	Mounting	DIN Rail
Dimensions	3.50" x 3.50"	Weight	2.07 oz.
Wire Requirement	See Cabling Data Sheet		

Capacities

I/O Modules	32	Capacitive Touch Stations (CTS)	64
Zones / Schedules	64	DMX Channels	512 Slave or Master

Note: Capacities shown are maximums, actual controller capacities vary depending on model and selected options, see table for specifics.

Power

Input	24VDC, 210mA
Output	N/A

Communication

BACnet MS/TP		CANbus	
Profile	Application Specific Controller (ASC)	Baud Rate	125 kbps
Load	1/8 Unit	I/O Module Addresses	Rotary, Range 1 - 32
Baud Rate	9.6 kbps - 115.2 kbps	Station	DIP, Range 0 - 63
Address	Rotary, Range 1 - 99	Topology	Daisy Chain
Topology	RS-485, Half Duplex, Daisy Chain	DMX	
		Baud Rate	125 kbps
		Address	1 - 512
		Topology	EIA-485-A

Environmental

Ambient Temperature	0 - 130 °F	Plenum Rated	Yes
Relative Humidity (non-condensing)	5 - 95%		

Certifications and Listings

UL/CL	UL916	Seismic	2012 ICC-ES AC156, Importance Factor 1.5
BTL	Listed		

Ordering Information

C M -
 A B C

Selections

- A Capacity: (01), (02), (04), (08), (16), (32)
- B Communication: (T) BACnet MS/TP, (I) BACnet/IP (Future)
- C Options: (D) DMX

Capacities Table

Capacity	I/O Modules	(D) DMX Channels
01	1	0
02	2 - *1	16
04	4	32
08	8	64
16	16	128
32	32	512

*1 Note - First Slot limited to RO04 or RE04