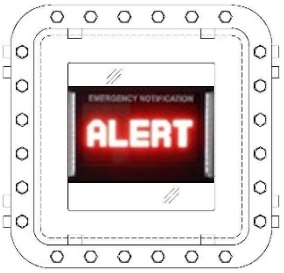
CC-EXP-LEDM LED Text Display
Technical Data Sheet

CAPSOL Explosion Proof LED Text Display Specifications



CAPSOL's EXP-LEDM Explosion Proof LED Display is perfect providing visible notification for hazardous areas. The 1.2' letter height provides exceptional visibility in an alarm condition in all locations.

An excellent choice for aircraft hangars, fuel cells, ammunition plants, chemical plants and other hazardous environments, the Enclosure is UL Classified for use in Class I, Div 1&2 Groups B,C,D. Class II, Div 1&2 Groups E,F,G and Class III. Rated for NEMA 4/7/9 applications

Mechanical and Environmental

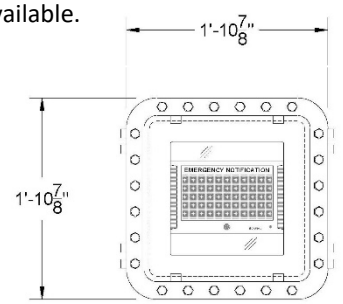
Overall Size 22 7/8" x 22 7/8" x 10 ½" Deep
Shipping Weight 180 lbs.
Operating Temperature -14° to 122°F (-10° to 50°C)
Humidity 95% RH, non-condensing at 92°F (33°C).
Conformal coating
NEMA7 Enclosure
Control Relays 2 – (Configurable with CAPSOLControl WKS)
Inputs – 4 (Configurable with CAPSOLControl WKS)
Connections - Terminal block for 18 AWG to 12 AWG
Letter Height 1.2" dual line during a message

Communications

PoE IEEE802. 3bt. 42.5 - 57vdc
Type A (4,5 + / 7, 8 -)
Type B (1,2 + / 3, 6 -)
LAN 10/100/1000 Network Connectivity
RS232 9600Bps/ RS485***
The CC-EXP-LEDM Display requires the use of CC-LEDController to initiate messages.
The CAPSOLControl operating system provides additional messaging capability as well as access to relays and inputs.

POWER INPUT	**Powered by PoE (42.5-57VDC)**	**Powered by 24 VDC**
	Wattage	Wattage
Booting Up (intermittent duty, MAX)	40W/1A	32W/1.4A
Alert in Progress	24W/.6A	20W/.9A
Standby (with Time Display in Green)	7.5W/.2A	6W/.25A
LED Strobe Light Intensity *	135CD	135CD
Rated Sound Output	2W/1m	2W/1m
Audio Output	Non-Amplified	Non-Amplified
Sounds**	86+- 3dB - Event Alarm, End of Alert Sound, and System Test Announcement	

*LED Intensity Per Side. LED Strobe Lights can be disabled in programming and are non-syncable. Strobes lights flash for approximately 5 seconds when activated using the CC-LEDControl-SA.
Length of strobe light activation is programable in the CAPSOLControl operating system interfaced with CC-LEDControl-WKS.
**Can be disabled when using CC-LEDControl-SA. Programmable in CC-LEDControl interfaced with CC-LEDControl-WKS.
*** When using RS232 or RS485 for communication, some features may not be available.



Designed and assembled in America with US and imported parts.

WHO WE ARE: Since 2013, we have been developing systems to identify potential threats and provide early notification. The CAPSOLSuite is designed to gather, identify, and process data as early as possible to mitigate a threat. Notifying all affected people quickly and clearly makes lives safer.

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