Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

EXP-EL-CDT.D-M1-220V

Explosion Proof Digital Countdown Timer - Class I, II, III - 220V, 50/60Hz - LCD Display - Magnetic Switches - NEMA

Product ID: 331611

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: EXP-EL-CDT.D-M1-220V

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EXP-EL-CDT.D-M1-220V Explosion Proof Countdown Timer

Listing: NRTL Listed for United States, Canada
Device Type: Explosion Proof Digital Countdown Timer
Dimensions: 4-17/32"H x 6-1/8"W
Lens Opening: 2-9/32"
Weight: -
Voltage: 220 V AC, 50/60 Hz
Clock Display Type: LCD
Controls: (4) Magnetic Switches (Hour Settings, Start, Stop, Pause)
Auxiliary Contacts: Yes; Normally Open (Contacts Close When Timer Is Started)
Cover Material: Copper-free Aluminum Alloy
Hour Range: 1 - 3600 Hours
Sealing Gasket: Neoprene O-ring
Ground Screw Material: Zinc Plated Steel w/ Green Dye
Allen Head Cover Screw Material: Cadmium Plated Steel
Enclosure Finish: Silver Powder Epoxy Paint, Electrostatically Applied
Glass Lens Material: 3/8" Thick Tempered Glass
Wiring Hubs: Offset Feed-thru (3/4" NPT)

Ratings/Approvals

Class I, Divisions 1 & 2, Groups B, C, D
Class II, Divisions 1 & 2, Groups E, F ,G
Class III, Divisions 1 & 2
NRTL Listed to UL 508A
NRTL Listed to UL 1203
NRTL Listed to CSA C22.2 No. 14
NRTL Listed to CSA C22.2 No. 25
NRTL Listed to CSA C22.2 No. 30
NEMA 3, 4, 7(B,C,D), 9(E,F,G)

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The EXP-EL-CDT.D-M1-220V from Larson Electronics is an Explosion Proof Digital Countdown Timer that is suitable for use in hazardous locations, confined spaces and industrial facilities. This NEMA-rated unit is compatible with 220 V AC, 50/60 Hz. Magnetic switches enable operators to set the amount of hours without opening the enclosure after installation.

The EXP-EL-CDT.D-M1-220V is designed for Class I, II and III rated combustible sites. Equipped with an LCD display, the device contains magnetic switches that allow operators to change the hour settings after installation without opening the enclosure. This feature works through the glass of the clock, enabling operators to change the time settings quickly and safely. Time adjustments with the magnetic switches can be completed in the field (hazardous area). This unit also features buttons for start, stop, and pause which are also controlled by magnetic switches. The timer is protected by a copper-free aluminum housing for durability. Neoprene 0-rings are provided with the enclosure to ensure water resistance in NEMA 4/IP66 conditions.

The EXP-EL-CDT.D-M1-220V can be set for any time between 1 hour and 3600 hours. Once the timer is started, it will count down from the amount of hours chosen to zero. This digital countdown timer is equipped with a set of aux contacts for controlling external equipment such as indicator lights or for sending signals to controllers. These contacts are normally open and will close to complete the circuit once the timer starts.

Voltage: This digital countdown timer operates on 220 V AC, 50/60 Hz.

The explosion proof timer comes with offset feed-thru conduit openings (3/4" NPT). An internal ground screw is conveniently located away from the mounting components. The enclosure is finished with silver powder epoxy paint (electrostatically applied). The ground screws are made out of zinc plated steel with green dye, while the allen head cover screw is constructed of cadmium plated steel. This unit comes with a 3/8" thick tempered glass lens cover. The explosion proof device is rated NEMA Type 3, 4, 7 (B,C,D) and 9 (E,F,G) and designed to withstand the rigors of demanding environmental and operating conditions while remaining robust and easy to use.

Applications: Hazardous locations, oil and gas, chemical plants, wastewater facilities, hydrogen plants, battery storage buildings, and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs



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