

EXP-EL-CDT.D-M2-24VDC-316SS

Explosion Proof Digital Countdown Timer - Class I, II, III - 24V DC, 10-60 Seconds- LCD Display, Magnetic Switches - NEMA - 316 Stainless Steel

Product ID: 329098

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



Image: EXP-EL-CDT.D-M2-24VDC-316SS

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-M2-24VDC-316SS 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: 24V DC

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: 316 Stainless Steel

Hour Range: 10 - 60 Seconds

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. 50

NEMA 3, 4, 7(B,C,D), 9(E,F,G)

Special Orders - Special Requirements

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The EXP-EL-CDT.D-M2-24VDC-316SS 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 24V DC. Magnetic switches enable operators to set the amount of hours without opening the enclosure after installation.

The EXP-EL-CDT.D-M2-24VDC-316SS 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 316 stainless steel housing for durability. Neoprene O-rings are provided with the enclosure to ensure water resistance in NEMA 4/IP66 conditions.

The EXP-EL-CDT.D-M2-24VDC-316SS can be set for any time between 10 seconds and 60 seconds. Once the timer is started, it will count down from the amount of minutes 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 24V DC.

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.



Frequently Asked Questions (FAQ)

There are no Fags



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Export Control Classification Number (ECCN): EAR99

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