

## EXP-RT-DPST-MIN.720

Explosion Proof Timer Switch - Class I, II, III - 12-Hour Timer, DPST Switch - NEMA - 120-277V AC

Product ID: 284880

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



Image: EXP-RT-DPST-MIN.720

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-RT-DPST-MIN.720 Explosion Proof Timer Switch

**Listing:** NRTL Listed for United States, Canada

**Unit Type:** Explosion Proof Timer Switch

**Dimensions:** 5.1"-L x 3.625"-W x 6.663"-H

**Minutes:** Up to 720 Minutes

**Configuration:** DPST

**Voltage:** 120-277V AC 50/60 Hz

**Timer Control:** Mechanical Spring

**Amperage:** 20A @ 125V AC (7A for Tungsten loads), 10A @ 250 VAC, 10A @ 277V AC

**Horsepower:** 1HP @ 120V AC, 2HP @ 240V AC

**Ambient Operating Temp:** -40 °F to 104 °F (-40 °C to 40 °C)

**Unit Materials:** Copper-free Cast Aluminum

**Mounting:** External Mounting Lugs on Body

**Hub Quantity:** (2) Feed Through or (1) Dead End

**Hub Size:** 1/2" or 3/4"

### Ratings/Approvals

Class I, Divisions 1&2 Groups C,D

Class II, Divisions 1&2 Groups E,F,G

Class III, Divisions 1&2

NEMA 3,7(BCD),9(EFG),12

No Power Input Required for Timer

### Special Orders - Special Requirements

Contact us for special requirements

**Toll Free:** 1-800-369-6671

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**Made in Texas**

The Larson Electronics EXP-RT-DPST-MIN.720 Explosion Proof Timer Switch provides timed controls for equipment in combustible work sites and locations. The 12-hour

**timer can be configured using a DPST switch. Constructed of copper-free aluminum, the unit is NEMA-rated for durability in rugged environments.**

The EXP-RT-DPST-MIN.720 offers robust timing control of equipment. This unit is equipped with a dual pole single throw switch, which allows operators to set the timer to 12 hours. The explosion proof timer switch is designed for Class I, Division 1 and 2; Class 2, Division 1 and 2; and Class III environments and operates on 120-277V AC 50/60 Hz ; 20A @ 125V AC (7A for Tungsten loads), 10A @ 250 VAC, 10A @ 277V AC. It uses 1HP @ 120V AC and 2HP @ 240V AC.

The EXP-RT-DPST-MIN.720 is constructed of copper-free cast aluminum for superior performance and durability. These switches are not factory sealed and require external sealing fittings. Two external mounting lugs provide simple and secure mounting of the unit to walls and flat surfaces. This explosion proof unit is available with either 1/2" or 3/4" NPT tapped hubs. The conduit openings are provided on the top and bottom of the unit in feed through versions, while dead-end versions have a single conduit hub, providing easy and secure connection to main power line supplies. Operating temperature is -40 °F to 104 °F (-40 °C to 40 °C).

**Suggested Applications:** Manufacturing, Industrial, Warehouse, Lighting, Lighting, Wet areas or Locations Where Combustible Dust is Present. This switch can be used with fans, motors, heaters, and lighting (including incandescent, halogen, compact fluorescent, tungsten, and LED lighting loads).

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](mailto: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 Fags



Image: EXP-RT-DPST-MIN.720



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**EXP-RT-DPST-MIN.720**

**Product ID: 284880**

**Export Control Classification Number (ECCN): EAR99**

**Options:**

**EXP-RT-DPST-MIN.720-Hub Config-Configuration**

**Example: EXP-RT-DPST-MIN.720-0.5IN-FT**

| Hub Config |         | Configuration |     |
|------------|---------|---------------|-----|
| 1/2 INCH   | -0.5IN  | FEED-THRU     | -FT |
| 3/4 INCH   | -0.75IN | DEAD-END      | -DE |

Links (Click on the below items to view):

- **HigResPic1**( <https://www.larsonelectronics.com/images/product/HigResPic1/284880.JPG> )
- **HigResPic2**( <https://www.larsonelectronics.com/images/product/HigResPic2/284880.JPG> )
- **HigResPic3**( <https://www.larsonelectronics.com/images/product/HigResPic3/284880.JPG> )
- **Video1**( [https://www.youtube.com/watch?v=NjKa\\_n8W6p0](https://www.youtube.com/watch?v=NjKa_n8W6p0) )
- **ISO 9001 Certification**( <http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF> )
- **Business Certificate**( <https://www.larsonelectronics.com/images/pdfdocs/w9.PDF> )
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