

Explosion Proof Timer Switch

Class I, II, III - 30-Minute Timer, SPST Switch - NEMA - 120-277V AC

Instruction Manual

Thank you for your purchase of the Larson Electronics EXP-RT-SPST-MIN.30 Explosion Proof Timer Switch.

WARNING

TO AVOID THE RISK OF FIRE, EXPLOSION OR ELECTRIC SHOCK, THIS PRODUCT SHOULD BE INSTALLED, INSPECTED AND MAINTAINED BY A QUALIFIED ELECTRICIAN ONLY, IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.

TO AVOID ELECTRIC SHOCK:

- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- PRODUCT MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

TO AVOID EXPLOSION:

- MAKE SURE THE SUPPLY VOLTAGE IS WITHIN THE VOLTAGE RATING.
- ENSURE THE MARKED T RATING IS LESS THAN THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE.
- DO NOT OPERATE IN AMBIENT TEMPERATURES ABOVE THOSE INDICATED ON THE PRODUCT NAMEPLATE.
- DO NOT OPERATE IF THE LENS, CORD, SEALS, HOUSING, RECEPTACLES, ETC. IS CRACKED OR DAMAGED. IF SO, DISCONTINUE USE AND CONTACT MANUFACTURER FOR REPLACEMENT PARTS.
- ALL FASTENERS SHOULD BE PROPERLY SEATED.

The Larson Electronics EXP-RT-SPST-MIN.30 Explosion Proof Timer Switch provides timed controls for equipment in combustible work sites and locations. The 30-minute timer can be configured using a SPST switch. Constructed of copper-free aluminum, the unit is NEMA-rated for durability in rugged environments.

MOUNTING

The Larson Electronics EXP-RT-SPST-MIN.30 Explosion Proof Timer Switch is designed for surface mounting applications. Two external mounting lugs provide simple and secure mounting of the unit to walls and flat surfaces that are sturdy enough to support the load. Secure the unit in a compatible location using heavy duty mounting screws.

WIRING

We recommend only a licensed electrician with hazardous location experience install this unit.

Warning: Check product label for correct input voltage!

Secure each pair of wires according to the diagram included with your unit. Utilize a junction box or similar device and take precautionary steps for weatherproofing all connections if installed in a location where water may come in contact with the unit. Ensure the unit is properly grounded and that wiring is done according to all local and national electrical/building codes. These switches are not factory sealed and require external sealing fittings. Seal the units according to NEC requirements and the IOM for those sealing fittings.

MAINTENANCE

Perform visual, mechanical and electrical inspections on a regular basis. We recommend routine checks to be made on a yearly basis. Frequency of use and environment should determine this. It is recommended to follow an Electrical Preventive Maintenance Program as described in NFPA 70B: Recommended practice for Electrical Equipment.



THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.