

EXP-ED-AM-AC-600A-1PH-V1

Explosion Proof Analog Ammeter - C1D1/C2D1- 0-250/600 Amps - CT Ratio 250/1A 10V-600V - 1PH - Feed Thru

Product ID: 313675

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



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-ED-AM-AC-600A-1PH-V1 Explosion Proof Amp Meter - AC

NRTL Listed for United States, Canada, European Union, Asia

Device Type: Explosion Proof Analog AC Ammeter

Dimensions: 9.13" x 9.63" x 7.18"

Lens Opening: 5.38"

Weight: -

Voltage: 120V AC

Phase: Single Phase

Ammeter Accuracy: 2.5%

Ammeter Range: Short-scale 1-80 Amps

Voltage Range: 10V - 600V

Overload: 1.2x for 2 Hours + 10x for 5 Seconds (Ammeter)

Power: 0.5VA; 1.5VA (Ammeter)

Operating Temperature: -20°C to +65°C

Storage Temperature: -30°C to +70°C

Materials: Copper-free Aluminum

Enclosure Finish: Electrostatically Applied Powder Epoxy/Polyester Finish

Lens Material: Tempered Soda Lime Glass

Mounting: Surface

AC Connections: Terminals

Hub Configuration: Feed Through

Hub Qty/Location: (2) - (1) North + (1) South Side

Ratings/Approvals

Class I, Division 1 & 2, Groups B, C, D

Class I, Zones 1 & 2, Groups IIB+H2, IIA

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

Class III, Division 1 & 2

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

ATEX/IEC Ex

Ex d IIC T6 or T5

Ex tD A21 IP66 T80°C or T90°C IP66

Ta = -20°C to +60°C

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Hub Size Options: 1/2" NPT or 3/4" NPT

Color: Gray

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The EXP-ED-AM-AC-600A-1PH-V1 from Larson Electronics is an Explosion Proof Analog Ammeter that is designed for use in hazardous locations, confined spaces and industrial facilities. This NEMA-rated unit operates on single-phase 120V AC and offers up to 2.5% accuracy during ammeter operation. Constructed of copper-free aluminum, the explosion proof device contains a 5.38" lens opening for viewing meter readings.

The EXP-ED-AM-AC-600A-1PH-V1 offers accurate AC readings of amps inside flammable facilities. Designed to operate on single-phase 120V AC, the ammeter provides readings with 2.5% accuracy, within a short-scale range of 0-250/600 amps, CT Ratio 250/10A. The ammeter operates on 10V-600V. Overload protection is set at 1.2x for 2 hours and 10x for 5 seconds when using the ammeter. Overload protection for the ammeter feature is set at 1.2x for 2 hours and 2x for 5 seconds.

Constructed of copper-free aluminum, the ATEX/IECEX-rated device is protected by a 5.38" tempered soda lime glass lens for viewing meter readings in real-time. This explosion proof unit is rated NEMA Type 3, 4, 4X, 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.

Hubs: The EXP-ED-AM-AC-600A-1PH-V1 comes in a feed-thru configuration, with two accessible hubs at the (1) north and (1) south side of the unit. Hub size options include: 1/2" NPT or 3/4" NPT. Operators may access terminals for completing electrical connections.

Mounting: This explosion proof device is compatible with surface-mounting applications. Cast mounting lugs are available for seamless installations at the combustible site.

Applications: Amp readings, electrical monitoring, hazardous locations, confined spaces, industrial work sites, inspections 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 5000-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Frequently Asked Questions (FAQ)

EXP-ED-AM-AC-600A-1PH-V1

Product ID: 313675

Export Control Classification Number (ECCN): EAR99

Options:

EXP-ED-AM-AC-600A-1PH-V1-**Hub Size**

Example: EXP-ED-AM-AC-600A-1PH-V1-0.5IN

Hub Size	
1/2IN	-0.5IN
3/4IN	-0.75IN

Links (Click on the below items to view):

- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)