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EXP-MTR-3P-230.460V-380V-380V-25HP-1.8K-284T

25 HP Explosion Proof Motor - Class I, II - 230/460V and 380V 3PH 60 Hz - 1800 RPM - Foot Mount - 284T Frame

Product ID: 265562

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-MTR-3P-230.460V-380V-380V-25HP-1.8K-284T Explosion Proof Motor

Listing: NRTL Listed for United States & Canada
Dimensions: 26.407" x 16.803" x 14.094""
Weight: 475 lbs
Phase: Three Phase
Voltage: 230/460V and 380V AC
Frequency: 60 Hz
Poles: 4
Output Horsepower: 25 HP
Kilowatt: 18.5 KW
Rotations per Minute: 1800 RPM
Motor Frame: 284T
Rated Current: 66.1-59.8/29.9A
FL Efficiency: 93.6%
Service Factor: 1.15
Insulation: Class F
Noise: 68 dBA
Ambient Temperature Rating: -20°C to 40°C
Materials: Aluminum
Mount: Foot Mount
Wiring: 24" (+2/-0) Leads

Ratings

Class I, Division 1 Groups C,D
Class II, Division 1 Groups F,G
IP55
TEFC Cooling
Aluminum Endshields

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Color: Blue

The Larson Electronics EXP-MTR-3P-230.460V-380V-380V-25HP-1.8K-284T Explosion Proof Motor is recommended for use in Class I, Division 1 Groups C, D and Class II, Division 1 Groups F, G rated work sites. The 25 HP unit is compatible with three-phase 230/460V AC and 380V AC, 60 Hz. This Class F insulation rated explosion proof motor features a 284T motor frame and can be installed with industrial systems via an integrated mounting foot.

The EXP-MTR-3P-230.460V-380V-380V-25HP-1.8K-284T is a fractional explosion proof motor for flammable work sites. This thermally protected unit operates with three-phase 230/460V AC and 380V AC, 60 Hz. The 25 HP motor offers 66.1-59.8/29.9 amps with 93.6% full-load efficiency. Capable of generating 1800 RPM, this motor is totally enclosed and fan-cooled (TEFC).

The IP55-rated explosion proof motor features an ambient temperature rating of 40°C. Equipped with aluminum endshields, this unit is protected by a 284T motor frame and features Class F insulation, with 1.15 service factor.

Wiring: The EXP-MTR-3P-230.460V-380V-380V-25HP-1.8K-284T comes with 24" of +2/-0 leads for electrical connections and an unassembled aluminum conduit box.

Mount: The EXP-MTR-3P-230.460V-380V-380V-25HP-1.8K-284T is foot mounted for supporting the motor`s weight for sturdy, secure installations. Feet components are typically fixed on the surface, which reduces unnecessary movements during operation.

Applications: Hazardous locations, industrial facilities, pumps, mixers, conveyors, manufacturing, food processing, chemical plants 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)

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**