

HLX-AE.EX-SWG-EB-230V-1P-40A-6KA-CC

Explosion Proof Breaker - 230V Rated, 1P - 6kA/C Curve - Panel Mount - ATEX/IECEx Rated

Product ID: 266264

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.

HLX-AE.EX-SWG-EB-230V-1P-40A-6KA-CC ATEX/IECEx Rated Breaker

Listing: NRTL Listed for Europe and International Use

Unit Type: Flameproof Circuit Breaker

Dimensions: 40mm x 156mm x 125mm

Weight: -

Voltage Rating: 230V AC (250V Max)

Current Rating: 40A

Poles: 1P

Interrupting Capacity: 6kA

Trip Curve: C Curve

Aux Contacts: -

Ambient Operating Temperature: -20°C to +60°C

Materials: Unsaturated Resin

Mount: Panel

Wiring: 1-10mm² Terminal Contacts

Ratings

Approved for Zone 1 and Zone 2

Approved for Zone 21 and Zone 22

IEC Ex de IIC Gb

IEC Ex de IIB Gb

ATEX Ex II 2G Ex de IIC Gb

ATEX Ex II 2G Ex de IIB Gb

-20°C Ta +60°C (Ex de IIC Gb)

-40°C Ta +60°C (Ex de IIB Gb)

NRTL Certified to IEC 60079

NRTL Certified to EN 60079

IECEx CQM 10.0004U

Special Orders - Special Requirements

Contact us for special requirements

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The HLX-AE.EX-SWG-EB series of explosion proof breakers are certified to European Union (ATEX) and International (IEC Ex) standards and are approved for installing in these locations. This unit IS NOT certified to

United States (NEC) or Canadian (CEC) standards for hazardous location. This unit DOES NOT carry UL or CSA ratings. For Class I, Division 2 rated units, you need HLX-SWG-EB-XXX series.

The Larson Electronics HLX-AE.EX-SWG-EB-230V-1P-40A-6KA-CC Flameproof Panel Mount Circuit Breaker ensures electrical safety inside combustible facilities. This 1-pole unit offers 6 kA breaking capacity and compatibility with 230V AC (250V AC max). The 40-amp rated breaker is suitable for panel mount installations.

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The HLX-AE.EX-SWG-EB-230V-1P-40A-6KA-CC offers reliable circuit protection for equipment used in flammable work sites. Equipped with a 6 kA interrupting capacity, the unit is compatible with 230V AC (250V AC maximum). This 1-pole ATEX/IECEx rated breaker carries a 40-amp rating and a C trip curve (trips above 5x In up to 10x In), which is recommended for standard electrical equipment. For heavy loads, we offer units with D trip curve (trips above 10x In up to 20x In). Breakers with B trip curve are available for lighter loads (trips above 3x In up to 5x In). These other trip curves are available at an additional cost.

The flameproof circuit breaker is protected by an unsaturated resin housing. This unit does not come with auxiliary contacts. We offer circuit breakers with auxiliary contacts at an additional cost.

Wiring: This circuit breaker contains 1-10mm² terminal contacts.

Mounting: The HLX-AE.EX-SWG-EB-230V-1P-40A-6KA-CC is compatible with panel mounting requirements.

Applications: Hazardous locations, circuit protection, power distribution, electrical safety 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)



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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [ATEX Certificate \(European Explosion Proof\)](#)
- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [IEC Ex Certificate \(International Explosion Proof\)](#)
- [INMETRO Certificate \(Brazil\)](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)