



NOIV.E61730

Auxiliary Devices for Use in Hazardous Locations

Auxiliary Devices for Use in Hazardous Locations

Guide Information

**HONEYWELL SENSING & CONTROL, DIV OF
HONEYWELL INC**
11 W SPRING ST
FREEPORT, IL 61032 USA

E61730

Limit switches.

Class I, Groups B, C and D; Class II, Groups E, F and G. Cat. Nos. BX, BXY, LSX or LSXY may be followed by Q, followed by letters A through H, J through N, P, R, U, V or W, with or without B or C, followed by 3E, 3K, 3N, 3V, 3W, 4E, 4K, 4L, 4M, 4N, 4S, 4T, 4U, 4V, 4W, 7L, 7M, 7N, 7S, 7T, 7U, may be followed by 1 through 6, 8, 13, 14, 15, 23, 24, 25, 36, 46 or 56, with or without -1, -1A, -1C, -1F, -1G, -1J, -1K, -2A, -2C, -2F, -2G, -2J, -2K, -3E, -3S, -4, -4M, -5, -5A, -5C, -7A, -8A, -9, -9A, or -9C. Cat. No. CLSX followed by B or E, followed by 1, 2 or 4, followed by A or B, followed by "-" hyphen, followed by 1, 2 or 3 .

Cat. No. BX, LSX or LSXY, may be followed by Q, may be followed by Y, followed by letters A through H, J, through N, P, R, V or W, may be followed by B or C, followed by 3E, 3K, 3N, 4K, 4L, 4M, 4N, 4S, 4T, 4U, 7L, 7N, 7S, 7T, 7U, may be followed by 1 through 6 or 8, may be followed by -1, -1A, -1C, -2, -2A, -2C, -2J, -2K, -3E, -3M, -3S, -4, -4M, -5, -5A, -5C, -7A, -8A, -9A or -9C.

Cat. No. CLSX followed by B or E, followed by 1, 2 4 or 8, followed by A, B, N or T, followed by 1, 2 or 3.

LOOK FOR LISTING MARK ON PRODUCT

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NOIV.GuideInfo Auxiliary Devices for Use in Hazardous Locations

[Industrial Control Equipment for Use in Hazardous Locations] (Motor Controllers for Use in Hazardous Locations) Auxiliary Devices for Use in Hazardous Locations

Guide Information

USE AND INSTALLATION

This category covers auxiliary devices intended for use in control circuits of magnetic motor controllers and the like, and consist of the following devices: machine operated switches, push button stations (including pilot lights and selector switches), miscellaneous manually operated switches, magnet operated switches and magnetically operated switches.

Auxiliary devices provided with a factory seal of conductors entering the pilot light or switch enclosure are so identified by a marking on the product.

Pilot lights without guards should be used only where not subject to breakage.

Enclosures furnished without mechanisms are marked to identify the mechanisms that are to be used.

RECONDITIONED PRODUCTS

This category also covers auxiliary devices that have been reconditioned. Reconditioned auxiliary devices may also be referred to as rebuilt. Reconditioned auxiliary devices are factory reconditioned to the extent necessary by disassembly and reassembly using new or reconditioned component parts. The reconditioned auxiliary devices are subject to the same requirements as new auxiliary devices.

ADDITIONAL INFORMATION

For additional information, see Motor Controllers for Use in Hazardous Locations (**NNUX**), Industrial Control Equipment for Use in Hazardous Locations (**NNGZ**) and Equipment for Use in and Relating to Class I, II and III, Division 1 and 2 Hazardous Locations (**AAIZ**).

REQUIREMENTS

The basic standards used to investigate products in this category are UL 698, "Industrial Control Equipment for Use in Hazardous (Classified) Locations" and UL 1604, "Electrical Equipment for Use in Class I and II, Division 2, and Class III Hazardous (Classified) Locations," as appropriate .

UL MARK

The Listing Mark of Underwriters Laboratories Inc. on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and

one of the following product names: "Industrial Control Equipment (or Ind. Cont. Eq.) for Hazardous Locations," "Industrial Control Equipment (or Ind. Cont. Eq.) Enclosure for Hazardous Locations," "Industrial Control Equipment (or Ind. Cont. Eq.) for Use in Hazardous Locations" or "Industrial Control Equipment Enclosure (or Ind. Cont. Eq.) for Use in Hazardous Locations." For rebuilt products, the product name is preceded by either "Reconditioned" or "Rebuilt."

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NNUX.GuideInfo Motor Controllers for Use in Hazardous Locations

[Industrial Control Equipment for Use in Hazardous Locations] Motor Controllers for Use in Hazardous Locations

Guide Information

Motor controllers are Listed under the following categories with maximum ratings of 200 hp and/or 300 amp and 600 V:

Auxiliary Devices

Combination Motor Controllers

Float- and Pressure-Operated Motor Controllers

Magnetic Motor Controllers

Manual Motor Controllers

Miscellaneous Motor Controllers

Motor controllers incorporating thermal cutouts, thermal relays, or other devices for motor running overcurrent protection are considered to be suitably protected against overcurrent due to short circuits or grounds by fuses or circuit breakers (overcurrent protective devices) having ratings not in excess of four times the full load current of the motors with which they are intended to be used.

Motor controllers intended for across-the-line starting and for making and breaking the circuit when the motor is stalled, are tested at rated voltage and at six times motor full load running current for a-c horsepower ratings and at ten times motor full load running current for d-c horsepower ratings.

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NNGZ.GuideInfo Industrial Control Equipment for Use in Hazardous Locations

Industrial Control Equipment for Use in Hazardous Locations

Guide Information for Equipment for Use in and Relating to Class I, II and III, Division 1 and 2 Hazardous Locations

Industrial control equipment marked "Rain tight" is subjected to a test designed to simulate exposure to beating rain to determine that such exposure will not result in the entrance of water.

If the sealed rating of the operating coil circuit of a magnetically operated industrial control device exceeds 125 volt-amperes, the coil circuit rating is marked on the device.

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