

# NQMJ2.GuidelInfo - Switches, Industrial Control for Use in Hazardous Locations - Component

## [Industrial Control Equipment for Use in Hazardous Locations - Component] Switches, Industrial Control for Use in Hazardous Locations - Component

See General Information for Industrial Control Equipment for Use in Hazardous Locations - Component

The devices covered under this category are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. THE FINAL ACCEPTANCE OF THE COMPONENT IS DEPENDENT UPON ITS INSTALLATION AND USE IN COMPLETE EQUIPMENT SUBMITTED TO UL.

### GENERAL

This category covers magnetically operated, electromagnetically operated, manually operated and solid-state switches intended for use in nonmotor circuits other than motor-control circuits in or with hazardous locations end-use products.

The method of protection (e.g., explosion-proof, dust-ignition-proof) for hazardous locations is shown in the individual Recognitions.

### CONDITIONS OF ACCEPTABILITY

Unless specified otherwise in the individual Reports, consideration is to be given to the following Conditions of Acceptability when these components are employed in the end-use equipment:

1. These switches are suitable for use only when contained in an overall end-product enclosure.
2. These switches are not provided with connection means suitable for field wiring.

Additional Conditions of Acceptability may be included in the Report available from the manufacturer.

### RELATED PRODUCTS


See Switches, Industrial Control ([NRNT2](#)).

### REQUIREMENTS

The basic unclassified locations standard used to investigate products in this category is [ANSI/UL 508](#), "Industrial Control Equipment," or [ANSI/UL 60947-1](#), "Low-Voltage Switchgear and Controlgear - Part 1: General Rules," and [ANSI/UL 60947-4-1](#), "Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters."

The basic hazardous (classified) locations standards used to investigate products in this category are referenced in Equipment for Use in and Relating to Class I, II and III, Division 1 and 2 Hazardous Locations ([AAIZ](#)).

### UL MARKING

Components Recognized under UL's Component Recognition Program are identified by markings consisting of the Recognized company's identification and catalog, model, or other product designation. In addition, components produced under the UL Component Recognition Program will also bear the Recognized Component Mark .

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