

BW20-19AC-2K-33 Hitachi 3-Layer 250VAC Elevator Rotary Switch Datasheet



Brand: Hitachi

SKU: 742154492983

Category: Limit & Proximity Switches

Price: **\$36.99**

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Product Description

The Hitachi BW20-19AC-2K-33 is a high-precision 3-layer universal rotary switch engineered for critical elevator maintenance and inspection control systems. This multi-stage switch features a robust 3-position configuration (typically Normal/Inspection/Stop) with a rated operational voltage of 250VAC and a thermal current capacity of 10A. Designed for high-frequency industrial switching, it utilizes silver-alloy contacts to ensure low contact resistance and long-term electrical reliability. The unit is housed in a flame-retardant polycarbonate casing with an IP40 protection rating, specifically optimized for integration into elevator car-top inspection boxes and control panels where precise manual override and safety interlocking are mandatory.

BW20-19AC-2K-33 Specifications

Model Number: BW20-19AC-2K-33

Brand: Hitachi

Product Category: Elevator Universal Rotary Switch / Inspection Switch

Number of Layers: 3-Layer (Triple Deck)

Switching Positions: 3-Position (e.g., 1-0-2 or Normal/Inspection/Emergency)

Rated Operational Voltage (Ue): 250VAC

Rated Insulation Voltage (Ui): 500V

Rated Thermal Current (Ith): 10A

Contact Material: Silver Alloy

Mechanical Life: 1,000,000 cycles
Electrical Life: 100,000 cycles at full load
Actuator Type: Rotary Knob / Short Handle
Mounting Type: Panel Mount / Screw Fixation
Terminal Type: M3.5 Screw Terminals
Protection Rating: IP40 (Front Face)
Operating Temperature: -20 to +60°C
Storage Temperature: -40 to +70°C
Humidity: 45% to 85% RH (non-condensing)
Material: Flame-retardant PC/ABS
Certifications: CCC, CE Compliant
Dimensions: Approx. 48mm x 48mm (Faceplate)
Weight: 0.15kg

BW20-19AC-2K-33 Applications

Mandatory manual control interface for elevator car-top inspection boxes, machine room control cabinets, and escalator maintenance panels. Direct integration into safety circuit interlocking systems for Hitachi passenger and freight elevators requiring multi-stage mode selection.

Supplemental Images

