

Product Data Sheet

AmStop Handle Operated Switch



Description

AmStop is a heavy duty unit with a head that can rotate in 90° increments. The handle can be turned through 360° in 45° increments. The handle allows for a high degree of misalignment. It features L.E.D status indicator and is suitable for both sliding and hinged door applications. It has a coded tamperproof locking mechanism and is fitted with a shear pin to protect both machinery and personnel.

Features & Benefits

- Non-Solenoid Controlled
- LED status indicators for greater control
- Dual channel safety circuitry
- Suitable for category 4 applications

Application

The product is ideally designed for machines without run down cycles and holding door/guard shut. Typical applications would include: -•Conveyor lines •Packaging Lines

Operation

When machinery is in operation the handle is engaged and the power is on. If access is required, the door is simply opened releasing the handle from the unit, giving positively guided, forced disconnection of the safety switch contacts. At this point a red LED status indicator is illuminated.

Options

- Safety key adaptor
- Access key adaptor
- Padlock adaptors
- Lockout Device

Part Number AMSTOP024

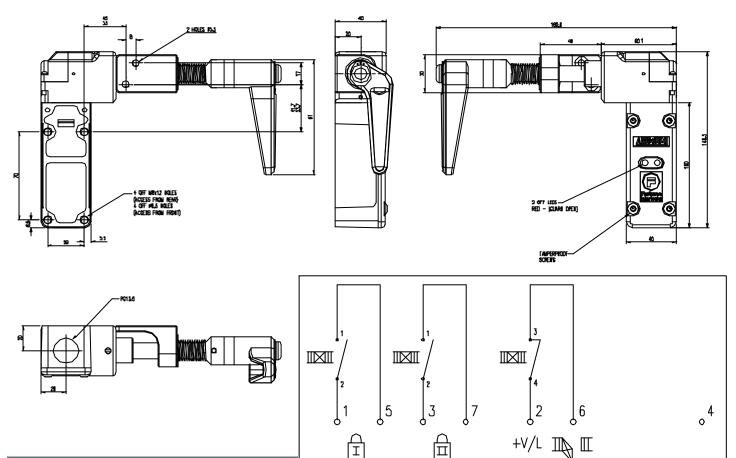
The example above shows a 24V unit

For further product information visit our website: www.fortressinterlocks.com Fortress Interlocks Ltd reserves the right to alter product specification and introduce improvements without prior notice.





Technical Data Sheet



Feature

Housing Materials Paint Finishes Colour **Ingress Protection Operating Force** Retention Force Locked Maximum Approach Speed Mechanical Life Maximum Frequency of Ops Ambient Temperature Maximum Wire Cross-Section to fit Connector Connector Type Switches Conformance Switching Contact Element Switching Principal Switch Control Switching Voltage **Isolating Distance** Element Contact Material **Utilization Category** Control Voltages Insulating Resistance

Specification

Zinc Alloy to BS1004A, Stainless Steel to BS3146 Gloss Polyester Powder Coat on Passivated Base Material Red & Stainless Steel IP67 5Nm 2500N 20m/minute >1,000,000 Switching Cycles 7,200 per Hour -5°C to + 40 °C

2.50mm² Spring Activated Vibration Proof Block DIN VDE 0660 Part 206 & IEC 947-5-1 2NC and 1NO Positive Break 3A 230V AC Max 2 x 2mm Per Switch Element 90% Silver and 10% Nickel AC 15 or DC 13 24V AC/DC, 48V AC/DC, 110V AC, 220V AC or 230V AC 20M Ohm