



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

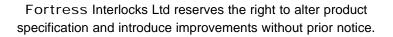
AMSTOP024

The example above shows a 24V unit

Design. Layout. Build. Install.

1-800-442-3061

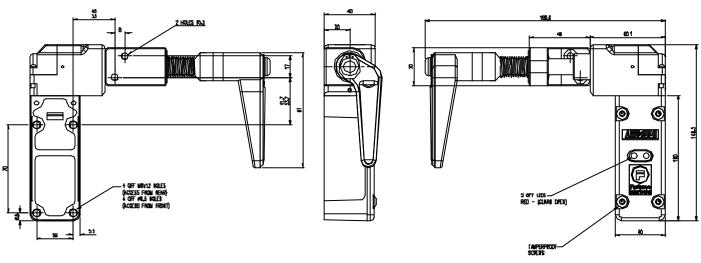
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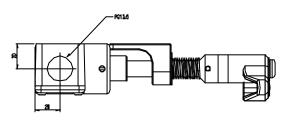


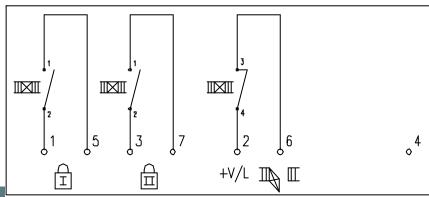




Technical Data Sheet







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 Contact L 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