## Fortress Interlocks

## Product Data Sheet

## AmStop Handle Operated Switch



## Description

AmStop is a heavy duty unit with a head that can rotate in $90^{\circ}$ increments. The handle can be turned through $360^{\circ}$ in $45^{\circ}$ 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.

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## 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
5 Nm
2500N
20m/minute
$>1,000,000$ Switching Cycles
7,200 per Hour
$-5^{\circ} \mathrm{C}$ to $+40^{\circ} \mathrm{C}$

## $2.50 \mathrm{~mm}^{2}$

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

