- Provides quick shut down to Conveyors
- Provides personnel Protection
- Keeps Damage costs Low
- Each unit can cover up to 200 ft. of conveyor.
- Ambidextrous switch for all Personnel
- Safety switch Cable break detection



Description

The Model RS is a single lever ambidextrous switch that allows personnel to shut down a conveyor along 200 feet of the assembly. This switch works in both normal conditions and in disruptive events that may cause damage to a conveyor. Cable is run from both sides of the handle where the cables are attached to the holes that apply the desired resistance to trigger the switch. The bottom holes require 40lbs, the middle 28lbs, and the top 20lbs of force to trip the switch. This variation of force allows the safety switch to be altered according to the application of the switch. Once triggered the switch will shut down the conveyor in order to protect it, as well as the personnel involved with the machinery. This switch is necessary for maintaining a safe working environment, especially in areas that may have perilous conditions.

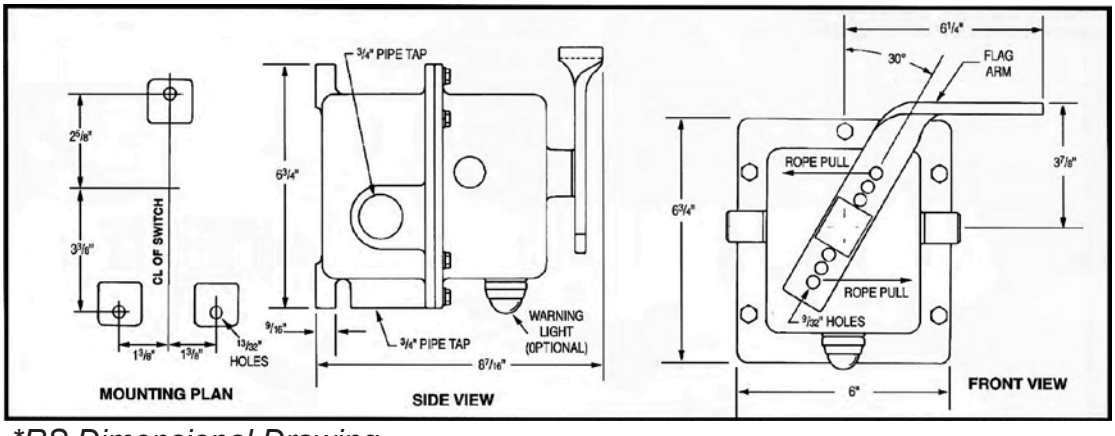
Principle of Operation / Application

The Actuator inside the Model RS is activated through the red lever, this in turn activates a micro switch which will perform an emergency shutdown on the system which it is wired to. This can include an alarm if so desired, as well as an indication light that shows whether a actuator has been activated. This permits easy detection in low visibility areas. The RS provides an efficient way to protect equipment that has the potential to be hazardous. The most common applications of this tool are in conveyors, production/assembly lines, and material handling. It's often used in grain, manufacturing, mining, and construction companies.

Mounting

The RS has three screw mounts on the bottom of the housing. The holes allow the switch to be mounted on a vertical surface so that the switch is turned either clockwise, or counter-clockwise.

Dimensions



RS Dimensional Drawing

Product Specifications

Model RS Specifications	
Weight	12 Lbs
Environment	
Certified Ambient Temperature	0 to 40 °C [32 to 104 °F]
Functional Ambient Temperature	-50 to 85 °C [-58 to 185 °F]
Enclosure Material	319 cast aluminum
Enclosure Rating (UL)	NEMA Type 1, 3, 3R, 4, 4X
Enclosure Rating (CSA)	NEMA Type 3, 4, 4X
Mounting	3 10mm mounting holes
Switch	
Switch Type	SPDT x1 (sub model dependant)
Contact Type	Dry Contact
Contact Rating (UL)	20A @ 125V, 250V or 480V AC; 1 hp @ 125V AC; 2 hp @ 250V AC
Contact Rating (CSA)	20A @ 125V, 250V or 480V AC; 1 hp @ 125V AC; 2 hp @ 250V AC; ½ A @ 125V DC; ¼ A @ 250V DC
Electrical Action	Latching (via actuator)
Electrical Connection	¾" NPT x 3
Actuator	
Cable Length	105 feet on each side (up to)
Cable Material	galvanized aircraft cable

Specifications subject to change without notice.

Product Specifications

Standard	Class	Division	Group(s)
UL 508	N/A	N/A	N/A
CSA 3211-06	N/A	N/A	N/A



Ordering

Model Number	Part Number
Model RS	800-003200

**For other part numbers please contact Sales Dept.*

Options and Accessories

Description	Model	Picture
Accessory Mounting Kit	RS-K	
Pull Cable (In Feet 105,500, 1000,5000 options) (x2 105 ft lengths in RS-K kit)	RS-25	
Mounting Bracket	RS-30	
Cable Support Eyebolt, 1/2" x 6" Plated (x20 in RS-K kit)	RS-27	
Cable Clamp (x8 in RS-K kit)	RS-28	
Other Accessories		
Conduit Plug, 3/4" NPT	RS-29	
RS-27-KIT: Eyebolt, End Fitting & Hardware Kit		
[10 - RS-27 Eyebolts] [20 - 1/2-13 Hex Nuts - Zinc Plated] [10 - 1/2 Lockwashers - Zinc Plated] [4 - RS-28 Cable End Fittings]		

Customization

If one of our standard products does not meet your specifications, please call one of our applications specialists. Many of our products can be customized to fit specific needs.

Additional Information

For more information about the Model RS, please contact us at:
Email: sales@electro-sensors.com
Tel: (800)328-6170
Fax: (952)930-0130
We also have more information online at:
www.electro-sensors.com

ES701 Rev C © 2025 Electro-Sensors, Inc. All rights reserved.