

## Fusible Safety Switches. See blown fuses at a glance and reduce downtime.

Pass & Seymour® Fusible Safety Switches deliver the same ultra-heavy-duty construction as our Fusible Mechanical Interlocks. That means they provide maximum protection against water, dirt, heat, and vibration - and just about any other harsh condition you'll encounter. You get the same installation flexibility, too. With capacities available from 30 to 100 amps, there's a P&S Fusible Safety Switch that's ready to work for you in any industrial environment.



### FEATURES & BENEFITS

**Compact design** fits in most I-beams to provide mounting versatility, easy access, and reduced possibility of impact damage.

**Corrosion-resistant, stainless steel captive screws** speed installation, minimize risk of lost parts, and withstand abuse

**Captive, quick-release, stainless steel screws** speed fuse removal, ensure a watertight access door seal, and won't fall out.

**Time-saving LED indicators** identify blown fuses at a glance.

**Heavy-duty steel-gear switch mechanism** provides enhanced durability and extra-long service life.



**Heavy-duty, ergonomic switch handle meets OSHA Lockout/Tagout requirements** and provides plenty of grip for sure, easy operation. Black/red color coding and high-visibility ON/OFF markings clearly indicate status from a distance and at any visual angle.

**Separate door** for ease of changing fuses.

**Durable, stainless steel cover-retaining chain** makes installation and maintenance more convenient.



PS30FSS

### FIELD USES/VERTICAL MARKETS

- Food & Beverage
- Pulp & Paper Mills
- Mines
- Refrigeration
- Petrochemical
- Water/Waste Water
- Shipbuilding
- Temporary Power



# PASS & SEYMOUR®

## IEC 309 Industrial Products

### Fusible Safety Switches

#### ORDERING INFORMATION

FUSIBLE SAFETY SWITCHES			
VOLTAGE	STANDARD HORSEPOWER RATING	MAXIMUM HORSEPOWER RATING	FUSIBLE SAFETY SWITCH CATALOG #
<b>30 AMPS</b>		<b>600VAC</b>	
120VAC	1/2 HP	2 HP	PS30FSS
208VAC	1 HP	5 HP	
240VAC	1 1/2 HP	5 HP	
277VAC	1 1/2 HP	5 HP	
480VAC	3 HP	10 HP	
120/240VAC	1/2 HP @ 120VAC 1 1/2 HP @ 240VAC	2 HP @ 120VAC 5 HP @ 240VAC	
3ø 240VAC	3 HP	10 HP	
3ø 480VAC	5 HP	20 HP	
3ø 600VAC	7 1/2 HP	20 HP	
3øY 120/208VAC	2 HP	7 1/2 HP	
3øY 277/480VAC	5 HP	20 HP	
3øY 347/600VAC	7 1/2 HP	20 HP	
<b>60 AMPS</b>		<b>600VAC</b>	
<b>120VAC</b>	<b>1 1/2 HP</b>	<b>3 HP</b>	PS60FSS
208VAC	3 HP	7 1/2 HP	
240VAC	3 HP	10 HP	
277VAC	3 HP	10 HP	
480VAC	5 HP	20 HP	
120/240VAC	1 1/2 HP @ 120VAC 3 HP @ 240VAC	3 HP @ 120VAC 10 HP @ 240VAC	
3ø 240VAC	5 HP	20 HP	
3ø 480VAC	10 HP	40 HP	
3ø 600VAC	15 HP	50 HP	
3øY 120/208VAC	5 HP	20 HP	
3øY 277/480VAC	10 HP	40 HP	
3øY 347/600VAC	15 HP	50 HP	
<b>100 AMPS</b>		<b>600VAC</b>	
120VAC	2 HP	5 HP	PS100FSS
208VAC	5 HP	10 HP	
240VAC	5 HP	15 HP	
277VAC	7 1/2 HP	15 HP	
480VAC	10 HP	30 HP	
120/240VAC	2 HP @ 120VAC 5 HP @ 240VAC	5 HP @ 120VAC 15 HP @ 240VAC	
3ø 240VAC	10 HP	25 HP	
3ø 480VAC	20 HP	50 HP	
3ø 600VAC	30 HP	50 HP	
3øY 120/208VAC	10 HP	20 HP	
3øY 277/480VAC	20 HP	50 HP	
3øY 347/600VAC	30 HP	50 HP	

(HP Ratings subject to change.)

For more information on these and other P&S products refer to our Catalog or visit our web site.

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## IEC 309 Industrial Products

### Fusible Safety Switches



#### TECHNICAL INFORMATION

#### 3rd Party Compliance

cUL Listed, File Number E140596, Standard UL498. UN SPSC: 3912406  
Federal Specification WC596, Hospital Grade, CSA Listing: C22.2 No. 42.

#### Performance

##### Electrical

Fuse Type	Class "J"
Dielectric Voltage Withstand	3000V Minimum
Maximum Working Voltage	600V RMS
Current Interrupting	Listed for current interrupting at full-rated current and voltage.
Short Circuit Withstand Rating	For use on circuit capable of delivering not more than 10,000 RMS amps at receptacle voltage rating.
Operations	Mechanical: 15,000 cycles Electrical: 10,000 cycles
Auxiliary Contacts	10A @ 600VAC 1 N.O. & 1 N.C.

##### Mechanical

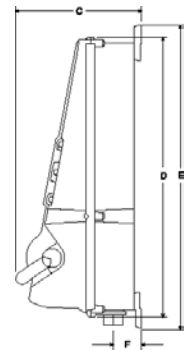
Impact Resistance	Per UL746C
Terminal Identification	Per UL and CSA
Product Identification	Identification and rating on external and internal labels.
Mounting	External adjustable feet with five (5) positions Can be mounted directly to channel or strut (no washers required).

##### Environmental

Moisture Resistance	Per UL50, section 35, NEMA Enclosure Type 4X (watertight, hosedown) Per UL50, section 35, NEMA Enclosure Type 12K (dusttight, falling dirt) IP67 Suitability
Flammability	UL94 5VA and VO Classification
Operating Temperature	Maximum continuous: +60°C Minimum continuous: -50°C (without impact)
UV Resistance	All enclosure materials are UV stable.



Front



Side



Back

Hub shown at bottom of unit for reference only; may be field-installed for top or bottom entry.  
(See dimensions below.)

#### FUSIBLE SAFETY SWITCHES DIMENSIONS

Amps	A	B	C	D	E	F	G	H	I	J	K	L
30	9.13	1.19	10.09	22.59	22.59	1.97	4.75	6.88	7.75	20.13	22.25	23.13
60	9.13	1.19	10.09	22.59	22.59	2.25	4.75	6.88	7.75	20.13	22.25	23.13
100	11.13	1.75	11.06	26.59	28.31	2.41	6.75	8.88	9.75	23.94	26.06	26.94

All measurements shown in inches.

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## TECHNICAL SPECIFICATIONS CONTINUED

### Materials

Enclosure Cover	Valox 357®	Enclosure Assembly Inserts	Brass
Enclosure Base	Valox 357®	Grounding Plate	Zinc-Plated Steel
Enclosure Door	Valox 357®	Cover Chain	300 Series
Enclosure Gasket	Neoprene		Stainless Steel
Door Hinge	316 Stainless Steel	Conduit Hub	Aluminum/Zinc
Switch Handle	Valox 357®		30 Amp shipped with one (1) 1"
Switch Handle Seal	Neoprene		60 Amp shipped with one (1) 1¼"
Shaft	Brass		100 Amp shipped with one (1) 1½" (will also fit a 2" hub, not provided)
Gear Mechanism	1/8" Zinc-Plated Steel		
Switch Key	10% Glass-Filled Nylon		
Mounting Feet	Valox 357®		
Mounting Feet Screws	300 Series Stainless Steel		
Enclosure Assembly Screws	300 Series Stainless Steel	Viewing Slots in Fuse-Access Door	1/8" Thick Glass Lens

### Warranty

1 Year

### COO

US

### ALSO AVAILABLE...

- Hospital Grade Devices
- PlugTail® Devices
- SPD & Isolated Ground Devices
- Ground Continuity Monitoring (GCM)
- Straight Blade Plugs & Connectors
- Turnlok® Locking Devices
- Weatherproof Boxes & Covers
- IEC 309 Industrial Products
- Flexcor® Wire Mesh Grips



#### Electrical Wiring Systems

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