

SWITCH DISCONNECTS & MANUAL MOTOR CONTROLLERS

VOLTAGE	MAXIMUM HORSEPOWER RATING	NON-FUSIBLE SAFETY SWITCH CATALOG #	NON-FUSIBLE SAFETY SWITCH WITH AUXILIARY CONTACT** CATALOG #	NON-FUSIBLE SAFETY SWITCH WITH 3 AUXILIARY CONTACTS**	AUXILIARY CONTACT KIT*	REPLACEMENT SWITCH	REPLACEMENT SWITCH WITH AUXILIARY CONTACT	REPLACEMENT SWITCH WITH 3 AUXILIARY CONTACTS	REPLACEMENT COVER FOR STANDARD SWITCH	REPLACEMENT COVER FOR AUXILIARY TYPE
30 AMPS	600VAC									
120VAC	1 HP	PS30SS	PS30SSAX	PS30SSAX3	AX30	RS30	PS30RSAX	RS30AX3	PS30SSRC	PS30SSAXRC
208VAC	2 HP									
240VAC	5 HP									
277VAC	3 HP									
480VAC	5 HP									
600VAC	5 HP									
3Ø 240VAC	10 HP									
3Ø 480VAC	20 HP									
3Ø 600VAC	25 HP									
60 AMPS	600VAC									
120VAC	3 HP	PS60SS	PS60SSAX	PS60SSAX3	AX60	RS60HP	RS60HPAX		PS60SSRC	PS60SSAXRC
240VAC	10 HP									
277VAC	15 HP									
480VAC	20 HP									
600VAC	30 HP									
3Ø 240VAC	25 HP									
3Ø 480VAC	50 HP									
3Ø 600VAC	50 HP									
100 AMPS	600VAC									
120VAC	5 HP	PS100SS	PS100SSAX	PS100SSAX3	AX60	RS100	RS100AX		PS100SSRC	PS100SSAXRC
240VAC	15 HP									
277VAC	15 HP									
480VAC	30 HP									
600VAC	30 HP									
3Ø 240VAC	25 HP									
3Ø 480VAC	50 HP									
3Ø 600VAC	50 HP									

* For replacement of side mount auxiliary contact on previous design.

**Auxiliary contacts break before switch contacts break for use with VFD.

Mounting Feet Replacement Kit

CATALOG NUMBER	DESCRIPTION
SSMF	Mounting Feet Replacement Kit for PS30SS and PS30SSAX
SSMF2	Mounting Feet Replacement Kit for PS60/100A Switches



RS30



AX30

SWITCH DISCONNECTS & MANUAL MOTOR CONTROLLERS

Typical Specifications

- Manufacturer's Identification PS60SS
- Description: Non-Fusible Safety Switch
- Rating: 60A, 600VAC maximum
- Enclosure Type: NEMA 4X (watertight, hosedown), 12K (dusttight, falling dirt), IP67/IP69 suitability
- Conduit Location: Top, bottom, or back feed. Units are shipped without holes for conduit. Spot drills for locating hole saw or knockouts are provided for top, bottom, or back feed. End user decides at installation whether top, bottom, or back feed is appropriate. No closure plug kits required. Units are not provided with conduit hubs.

MATERIALS	
Enclosure Cover	Valox 357"
Enclosure Base	Valox 357"
Enclosure Gasket	Neoprene
Switch Handle	Valox 357"
Switch Handle Seal	Neoprene
Switch Key	10% Glass-Filled Nylon
Mounting Feet	Valox 357"
Mounting Feet Screws	300 Series Stainless Steel
Enclosure Assembly Screws	300 Series Stainless Steel
Enclosure Assembly Inserts	Brass (60 and 100 amp units only)
Grounding Plate	Galvanized Steel
Cover Chain	300 Series Stainless Steel

PERFORMANCE	
Electrical:	
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 (see chart below) RMS amps at 600VAC
Operations	Mechanical: 15,000 cycles Electrical: 10,000 cycles
Auxiliary Contacts (optional)	10A @ 600VAC 1 N.O. & 1 N.C.
Mechanical:	
Impact Resistance	Per UL746C
Terminal Identification	Per UL
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 12 (dusttight, falling dirt) • IP66/67/69
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

Interrupting Ratings — RMS Symmetrical Amperes

Short Circuit Ratings: Suitable for use on circuits capable of delivering not more than (see chart below for cat. no. and application) RMS symmetrical amperes, 600VAC maximum.

CATALOG NUMBER	kA	FUSE/BREAKER	MAX SIZE
PS30SS (AX)	10	RK1	—
	65	Class J	40A
PS60SS (AX) PS100SS (AX)	10	RK1	—
	65	GE Circuit Breaker Class J	100A