



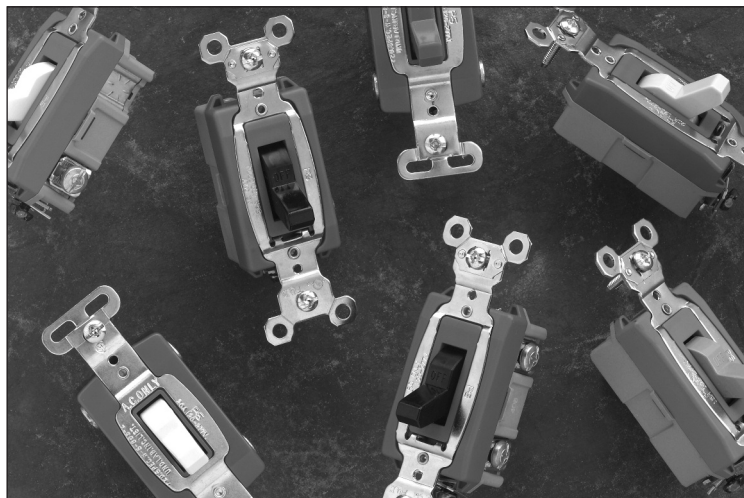
Pass & Seymour

## Switches Extra Heavy-Duty 15, 20 & 30A, 120/277VAC

**PS15AC1, PS15AC2, PS15AC3, PS15AC4, PS20AC1, PS20AC2, PS20AC3, PS20AC4, PS30AC1, PS30AC2, PS30AC3**

### *Extra heavy-duty switches with quiet operation and a smooth feel.*

**D**esigned to withstand abuse and constant use in demanding applications, these durable switches virtually eliminate contact bounce and arcing. Featuring auto-ground and external, screw-pressure-plate back wiring on all terminals for fast, easy installation and excellent electrical connection. Oversize silver alloy contacts help ensure long life and better heat dissipation.



### Features & Benefits

**One-piece nickel-plated brass strap** for superior corrosion-resistance.

**Cam control and spring actuator** for positive "makes and breaks" with a minimum of arcing.

**Heavy-duty bumpers** for quiet, smooth operation.

**Oversized silver-alloy contacts** for long life and better heat dissipation.

**Heavy-duty, brass alloy, one-piece contact arm** virtually eliminates contact bounce.

**Shallow design** for easier installation.

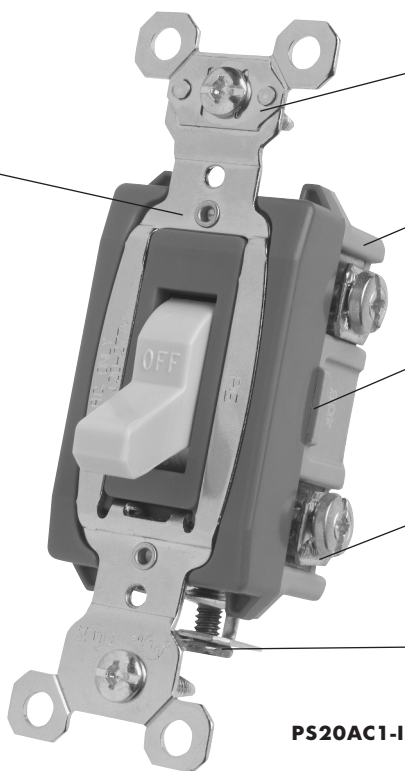
**Auto-ground clip** assures positive ground.

**Glass-reinforced nylon back body** for durability and strength.

**Locking support** provides resistance to face and back body separation.

**Side and external screw-pressure-plate back wire** with #14 – #10 AWG copper or copper-clad wire.

**Grounding terminal** is standard with screw-pressure-plate back wire.



PS20AC1-I

### Field Uses/Vertical Markets

■ Industrial

■ Health Care

■ Education

■ Institutional



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# Switches Extra Heavy-Duty 15, 20 & 30A, 120/277VAC

## Ordering Information

Catalog Number				Rating		Color
Single Pole	Double Pole	Three-Way	Four-Way	A.	VAC	
Toggle Switches Back & Side Wire						
PS15AC1-I	PS15AC2-I	PS15AC3-I	PS15AC4-I	15	120/277	Ivory
PS15AC1-W	PS15AC2-W	PS15AC3-W	PS15AC4-W	15	120/277	White
PS15AC1	PS15AC2	PS15AC3	PS15AC4	15	120/277	Brown
PS15AC1-GRY	PS15AC2-GRY	PS15AC3-GRY	PS15AC4-GRY	15	120/277	Gray
PS15AC1-LA	PS15AC2-LA	PS15AC3-LA	PS15AC4-LA	15	120/277	Light Almond
PS20AC1-I	PS20AC2-I	PS20AC3-I	PS20AC4-W	20	120/277	Ivory
PS20AC1-W	PS20AC2-W	PS20AC3-W		20	120/277	White
PS20AC1	PS20AC2	PS20AC3		20	120/277	Brown
PS20AC1-GRY	PS20AC2-GRY	PS20AC3-GRY		20	120/277	Gray
PS20AC1-BK	PS20AC2-BK	PS20AC3-BK		20	120/277	Black
PS20AC1-RED	PS20AC2-RED	PS20AC3-RED	PS20AC4-RED	20	120/277	Red
PS20AC1-LA	PS20AC2-LA	PS20AC3-LA	PS20AC4-LA	20	120/277	Light Almond
PS30AC1-I	PS30AC2-I	PS30AC3-I		30	120/277	Ivory
	PS30AC2-W			30	120/277	White
PS30AC1	PS30AC2	PS30AC3		30	120/277	Brown

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

# Switches Extra Heavy-Duty 15, 20 & 30A, 120/277VAC



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## Technical Specifications

### 3rd Party Compliance

UL Listed, File Number E140597, Standard UL20, General Use Snap Switches.  
Federal Specification WS896.  
cULus Listed, File Number LR17446, Standard CSA-C22.2 No. 111, General Use Snap Switches.  
Conforms to NEMA WD-1 and WD-6.

### Performance

#### Electrical

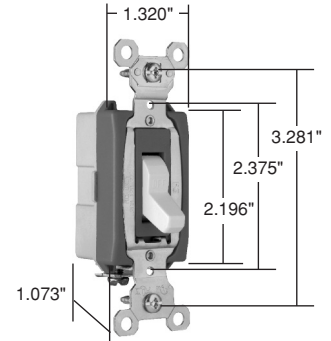
Dielectric Withstand Voltage	1500V Minimum
Maximum Working Voltage	277VAC
Overload	Minimum 4.8 times rated current for 100 cycles
Temperature Rise	30°C maximum at rated current
Maximum Continuous Current	15, 20 and 30 Amps
Endurance	50,000 cycles minimum, resistive, inductive, tungsten filament lamp load (Fed Spec)

#### Mechanical

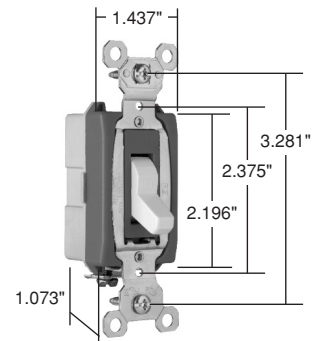
Terminal Accommodations	#14 AWG – #10 AWG
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#### Environmental

Flammability	UL94 V2
Operating Temperature	Maximum continuous +115°C, minimum -40°C



Dimensions for  
15 & 20 Amp



Dimensions for  
30 Amp

### Materials

Back Body	Glass-Reinforced Nylon	Contacts	Silver Cadmium Oxide
Front Body	Nylon	Spring Arm	Brass
Toggle	Thermoplastic Polycarbonate	Bumper	Rubber
Terminals	Brass	Spring	Zinc-Plated Steel
Terminal Screws	Tri-Drive Brass	Ground Terminal	Brass
Strap	Nickel-Plated Brass	Ground Screw	Tri-Drive Zinc-Plated Steel
Pressure Plate	Brass	Auto-Ground Clip	Nickel-Plated Brass

15 Amp Cover	Blue
20 Amp Cover	Red
30 Amp Cover	Green

### Warranty

1 Year