



Pass & Seymour

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

**PS15AC1-SL, PS15AC3-SL, PS20AC1-SL, PS20AC3-SL, PS15AC1-PL, PS15AC3-PL, PS20AC1-PL, PS20AC2-PL, PS20AC3-PL, PS30AC1-PL, PS30AC2-PL, PS30AC3-PL**

### **Commercial quality with added convenience and safety.**

**T**hese extra-rugged switches offer all the solid construction, excellent operating feel, and easy installation features of our Extra Heavy-Duty Switches. They add a choice of two light options. Lighted toggle switches are illuminated when off for easy location in the dark. Pilot lighted switches are illuminated when on for easy monitoring.



### Features & Benefits

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

**Lighted when OFF for Lighted version. Lighted when ON for Pilot Lighted version.**

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

**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.

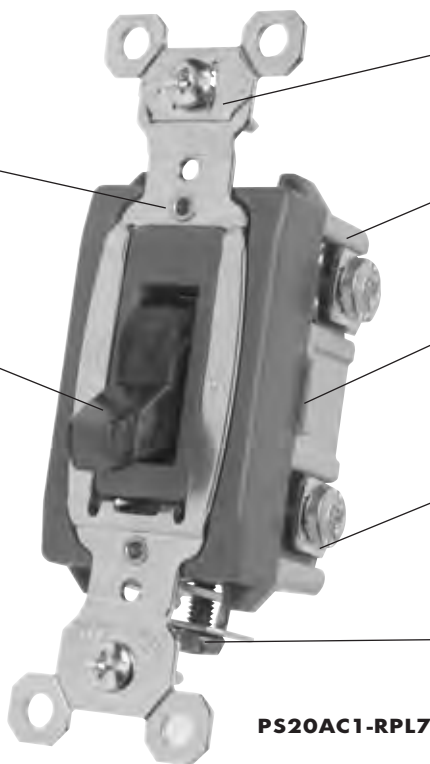
**Auto-ground clip** assures positive ground.

**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-RPL7**

### Field Uses/Vertical Markets

■ Industrial

■ Health Care

■ Education

■ Institutional



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## Ordering Information

Catalog Number			Rating		Color
Single Pole	Double Pole	Three-Way	A.	VAC	
Lighted Toggle Switches (Lighted when OFF) Back & Side Wire					
PS15AC1-CSL		PS15AC3-CSL	15	120/277	Clear
PS15AC1-ISL		PS15AC3-ISL	15	120/277	Ivory
PS15AC1-WSL		PS15AC3-WSL	15	120/277	White
PS20AC1-CSL		PS20AC3-CSL	20	120/277	Clear
PS20AC1-ISL		PS20AC3-ISL	20	120/277	Ivory
PS20AC1-WSL		PS20AC3-WSL	20	120/277	White
PS20AC1-LASL		PS20AC3-LASL	20	120/277	Light Almond
Pilot Lighted Switches (Lighted when ON) Back & Side Wire					
PS15AC1-CPL		PS15AC3-CPL	15	120	Clear
PS15AC1-RPL		PS15AC3-RPL	15	120	Red
PS20AC1-CPL	PS20AC2-CPL PS20AC2-RPL	PS20AC3-CPL7 PS20AC3-RPL PS20AC3-RPL7	20	120	Clear
PS20AC1-CPL7			20	277	Clear
PS20AC1-RPL			20	120	Red
PS20AC1-RPL7			20	277	Red
			20	120/277	Clear
			20	120/277	Red
PS30AC1-RPL	PS30AC2-RPL	PS30AC3-RPL	30	120	Red
			30	120/277	Red

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

SF102R2 — Updated April 2006 — For latest specs visit [www.legrand.us/passandseymour](http://www.legrand.us/passandseymour)

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

**legrand**  
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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	277VAC
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

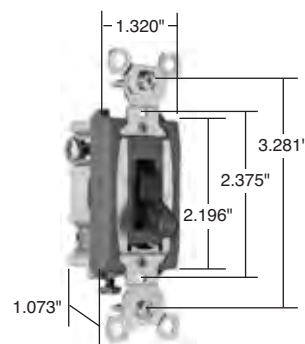
### Materials

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

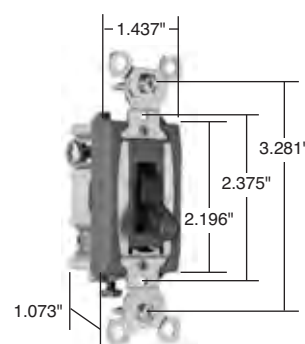
15 Amp Cover	Blue
20 Amp Cover	Red
30 Amp Cover	Green

### Warranty

1 Year



**Dimensions for  
15 & 20 Amp Lighted  
and Pilot Lighted**



**Dimensions for  
30 Amp Lighted  
and Pilot Lighted**

## Complimentary Devices & Accessories



### SWITCHES

- Heavy-Duty Toggle
- Heavy-Duty Security
- Heavy-Duty Locking
- Construction Grade Toggle
- Commercial Grade Toggle



### DECORATOR DEVICES

- Construction Grade Switches
- Specification Grade Combo Switches
- Construction Grade Receptacles
- Commercial Grade Receptacles
- Specification Grade Hallway Lights



### STRAIGHT BLADE RECEPTACLES

- Extra Heavy-Duty
- Heavy-Duty
- Hard Use
- Construction Grade
- Construction Grade Leaded
- Commercial Grade



### GFCIs

- Specification Grade
- Hospital Grade
- Dead Front



### WALL PLATES

- TradeMaster® Thermoplastic Nylon
- Screwless Polycarbonate
- Stainless Steel
- Brass
- Aluminum
- Dustproof Stainless Steel Covers

## Also available...

- |                          |                                      |                               |                               |
|--------------------------|--------------------------------------|-------------------------------|-------------------------------|
| ■ Light Almond Devices   | ■ TVSS & Isolated Ground Devices     | ■ Turnlok® Locking Devices    | ■ IEC 309 Industrial Products |
| ■ Hospital Grade Devices | ■ Ground Continuity Monitoring (GCM) | ■ Weatherproof Boxes & Covers | ■ Flexcor® Wire Mesh Grips    |
| ■ PlugTail™ Devices      | ■ Straight Blade Plugs & Connectors  |                               | ■ Configurable Solutions      |



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