ELLIOTT ELECTRIC SUPPLY
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1010 SE 1st Street
Lawton, OK 73501-0000
Phone: 5805817270
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# PS30AC2W 30A 120/277VAC B+S WIRE DP SW WH

*PASS & SEYMOUR/LEGRAND*

| | |
|---|---|
| Catalog Number | PS30AC2W |
| Manufacturer | PASS & SEYMOUR/LEGRAND |
| Description | Toggle Switch, 2 Poles, 30 A, 120/277 V ac, Nylon Material, Silver Cadmium Oxide Contact Material, White, Grounding Connection, Wall Mount, 1.437 (L) x 1.073 (W) x 3.281 (H) in, -40 °C Operating Temperature, +115 °C Operating Temperature, 0.23 lb |
| Weight per unit | 0.2281 (lbs/each) |
| Product Category | Gen Purpose Switches |

## Features

| | |
|---|---|
| Contact Rating | 30Amp, 120/277Vac |
| Load Rating | 30 A @ 120/277 VAC |
| Load Type | Fluorescent, Halogen, LED, Universal, Incandescent, CFL, Xenon |
| Material | Thermoplastic |
| Mounting Type | Wall Box |
| Number Of Gangs | 1 |
| Number Of Switches | 1.0 |
| Poles | 2 |
| Switch Type | Toggle |
| Voltage | 120/277 V |
| Voltage Rating | 120/277 |
| Wall Plate Included | NO |
| Wire Size | #14 - #10 Awg |
| Action | Double pole |
| Actuator | Toggle |
| Amperage Rating | 30 |
| Indoor/Outdoor | Indoor |
| Insulation | False |
| Throw Type | Double Throw |

## Material, Color, and Finish

| | |
|---|---|
| Finish | Matte |

## Dimensions and Weight

| | |
|---|---|
| Size | 3.3 in |

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## Descriptions

| | |
|---|---|
| Description | 30A 120/277VAC B+S WIRE DP SW WH |
| Features | 2-Pole Toggle Switch, Back and Side-Wire, 30A 120/277V |
| | Chemical Resistant |
| Long Description | 2-Pole Toggle Switch, Back and Side-Wire, 30A 120/277V |
| Product Type | 30A 120/277VAC B+S Wire DP SW W |
| Special Features | Back & side wire, locking support, heavy duty toggle |
| Extra Long Description | PAS PS30AC2W 30A 120/277VAC B+S WIR |

## Manufacturer Information

| | |
|---|---|
| Brand | LEGRAND-PASS & SEYMOUR |
| | Pass and Seymour |
| GTIN | 00785007195569 |
| Manufacturers Part Number | PS30AC2W |
| UPC | 785007 |

## Taxonomies, Classifications, and Categories

| | |
|---|---|
| Category Description | Industrial switches |
| Type | SWITCH |

## Trade Size

| | |
|---|---|
| Amperage | 30.0 |

## Packaging

| | |
|---|---|
| Carton | 1 |
| Package | 50 |
| Weight Per Each | 0.2281 (lbs/each) |

## Uses, Certifications, and Standards

| | |
|---|---|
| Application | Industrial Spec Grade |
| Enclosure | Nylon |
| Mounting | WALL |
| Standard | FEDSPEC, CULUS, UL 498/20, FEDSPEC |

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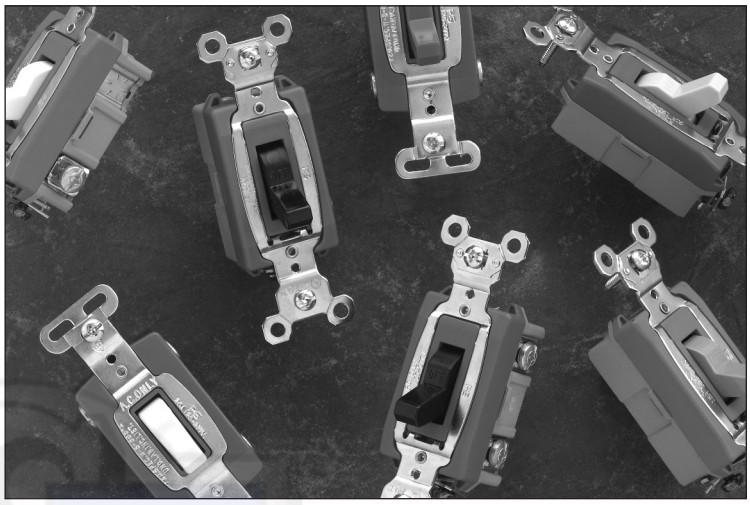
Pass & Seymour

# 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.*

Designed 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.

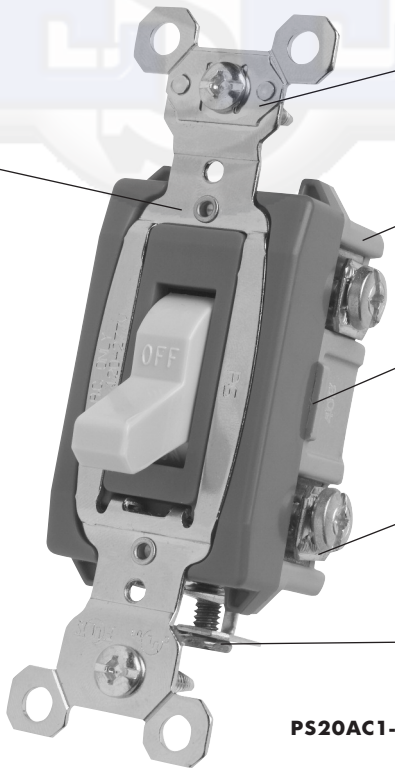
**Cam control and spring actuator** for positive "makes and breaks" with a minimum of arcing.

**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.




PS20AC1-I

**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.

## 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 | | |
|---|---|---|---|---|---|---|
| Single Pole | Double Pole | Three-Way | Four-Way | A. | VAC | Color |
| **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 | | 20 | 120/277 | Ivory |
| PS20AC1-W | PS20AC2-W | PS20AC3-W | PS20AC4-W | 20 | 120/277 | White |
| PS20AC1 | PS20AC2 | PS20AC3 | PS20AC4 | 20 | 120/277 | Brown |
| PS20AC1-GRY | PS20AC2-GRY | PS20AC3-GRY | PS20AC4-GRY | 20 | 120/277 | Gray |
| PS20AC1-BK | PS20AC2-BK | PS20AC3-BK | PS20AC4-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 |
| **Environmental** | |
| Flammability | UL94 V2 |
| Operating Temperature | Maximum continuous +115°C, minimum -40°C |

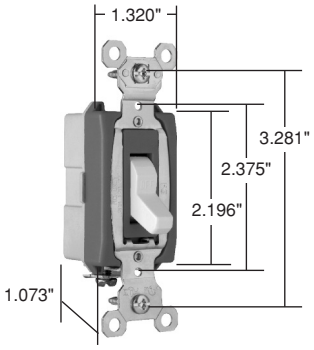
### Materials

| | | | |
|---|---|---|---|
| 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 |

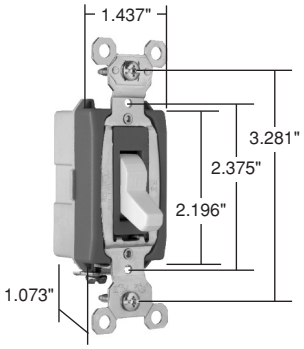
| | |
|---|---|
| 15 Amp Cover | Blue |
| 20 Amp Cover | Red |
| 30 Amp Cover | Green |

### Warranty

1 Year

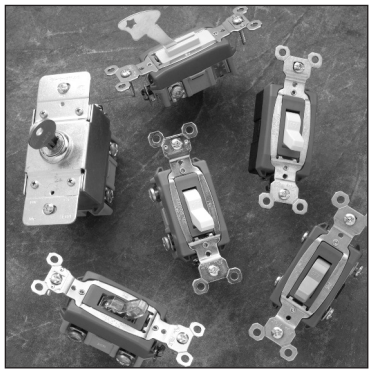



**Dimensions for 15 & 20 Amp**



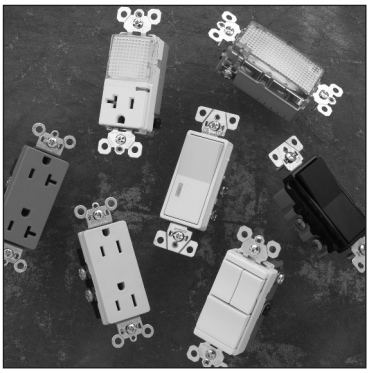

**Dimensions for 30 Amp**

## Complimentary Devices & Accessories



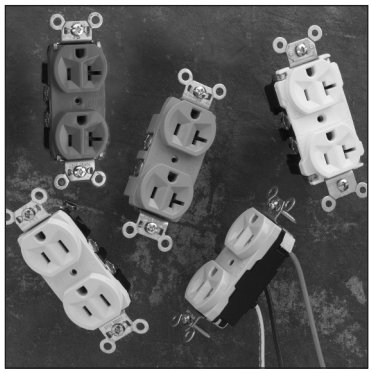
### SWITCHES

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



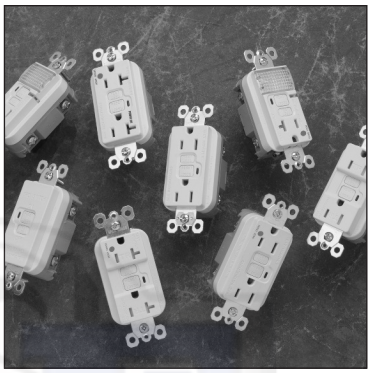
### DECORATOR DEVICES

- 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
- Hospital Grade Devices
- PlugTail™ Devices
- TVSS & 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
- Configurable Solutions

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**SF101R2 — Updated April 2006 — For latest specs visit www.legrand.us/passandseymour**

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