



Commercial ruggedness in traditional side wire switches.

CS15AC1, CS15AC3, CS20AC1, CS20AC3

Like our other commercial switches, these reliable performers feature high-strength polycarbonate toggles, single-piece brass alloy contact arms, nylon covers and heavy-gauge steel straps to withstand hard use and ensure a long service life. Fast make and positive break action minimizes arcing.

Features & Benefits

One-piece plated steel strap for corrosion resistance

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



CS20AC1LA

Glass-reinforced nylon back body for durability and strength

Locking support provides resistance to face and back body separation

Side wire with #14 – #10 AWG copper or copper-clad wire

Cam control and spring actuator for positive “makes and breaks” with a minimum of arcing

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.

Technical Information

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

Environmental

Flammability UL94 V2

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

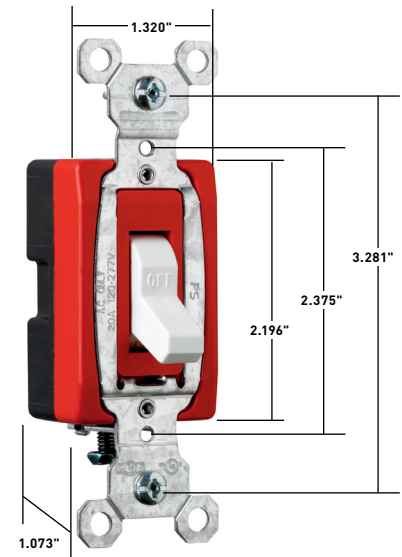
Materials

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

HP Conversion Table – Switches

| | |
|---------------|--|
| 15 Amp | 1/2 Horsepower at 120VAC; 2 Horsepower at 240VAC |
| 20 Amp | 1 Horsepower at 120VAC; 2 Horsepower at 240VAC |

15 Amp Cover Blue
20 Amp Cover Red



Dimensions for
15 & 20 Amp

Warranty

1 Year

Ordering Information

Commercial Grade Switches


| Catalog Number | | Rating | | |
|----------------|------------|--------|---------|--------------|
| Single Pole | Three-Way | A | VAC | Color |
| CS15AC1I | CS15AC3I | 15 | 120/277 | Ivory |
| CS15AC1W | CS15AC3W | 15 | 120/277 | White |
| CS15AC1 | CS15AC3 | 15 | 120/277 | Brown |
| CS15AC1GRY | CS15AC3GRY | 15 | 120/277 | Gray |
| CS15AC1BK | CS15AC3BK | 15 | 120/277 | Black |
| CS15AC1LA | CS15AC3LA | 15 | 120/277 | Light Almond |
| CS20AC1I | CS20AC3I | 20 | 120/277 | Ivory |
| CS20AC1W | CS20AC3W | 20 | 120/277 | White |
| CS20AC1 | CS20AC3 | 20 | 120/277 | Brown |
| CS20AC1GRY | CS20AC3GRY | 20 | 120/277 | Gray |
| CS20AC1LA | CS20AC3LA | 20 | 120/277 | Light Almond |

Vertical Markets

- Retail
- Office
- Hospitality/Lodging
- Multiple Dwelling

Also available

- Plug Load Control Devices
- Hospital Grade Devices
- PlugTail® Devices
- SPD & Isolated Ground Devices
- Ground Continuity Monitoring Devices (GCM)
- Straight Blade Plugs & Connectors
- Turnlok® Locking Devices
- IEC 309 Industrial Products
- Flexcor® Wire Mesh Grip
- USB Charging Devices

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