PASS & SEYMOUR®

Commercial Grade Switches 15 & 20A, 120/277VAC

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.

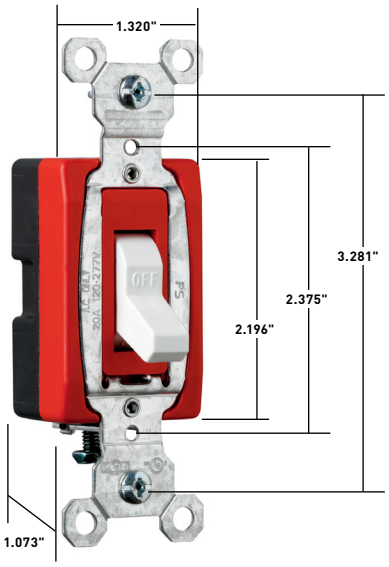
Technical Information

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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CS20AC1LA

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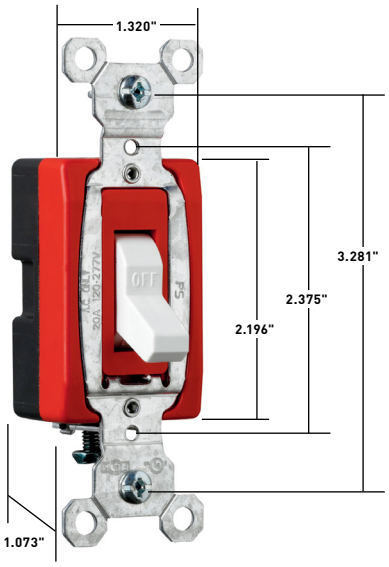

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CS15AC1GRY	**CS15AC3GRY**	15	120/277	Gray
CS15AC1BK	**CS15AC3BK**	15	120/277	Black
CS15AC1LA	**CS15AC3LA**	15	120/277	Light Almond
CS20AC1I	**CS20AC3I**	20	120/277	Ivory
CS20AC1W	**CS20AC3W**	20	120/277	White
CS20AC1	**CS20AC3**	20	120/277	Brown
CS20AC1GRY	**CS20AC3GRY**	20	120/277	Gray
CS20AC1LA	**CS20AC3LA**	20	120/277	Light Almond

Vertical Markets

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