PASS & SEYMOUR®

PlugTail® Industrial Extra Heavy-Duty
Spec Grade Switches 15, 20 & 30A, 120/277VAC

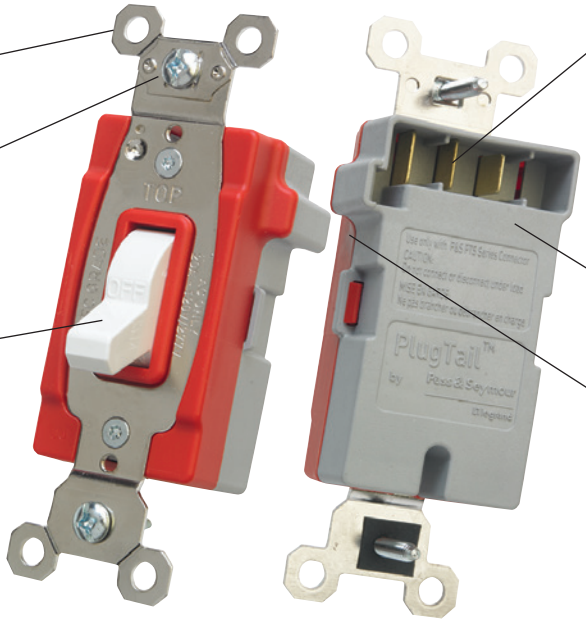
PlugTail®. The fastest, most consistent and reliable wiring devices – ever.

PT15AC1, PT15AC3, PT20AC1, PT20AC3

Factory-terminated devices and connectors mean that device installation is the same regardless of skill level of the installer. The UL Listed connectors are keyed to ensure proper wiring installation into each receptacle. The connector simply snaps into the back of the device – no fussing with wires, stripping or tightening screws. PlugTail devices are finger-safe with no exposed terminals, so taping is not required. Now device installation is a snap!

Designed to withstand abuse and constant use in demanding applications, these durable switches virtually eliminate contact bounce and arcing. Exterior housing is made entirely of high performing chemical- and impact-resistant thermoplastics to withstand the abuse of industrial environments and harsh chemicals. Oversize silver alloy contacts help ensure long life and better heat dissipation.

Features & Benefits



One-piece nickel-plated mounting strap for superior corrosion resistance.

Auto-ground clip assures positive ground.

One-piece toggle molded from chemical-, impact- and heat-resistant thermoplastic.

Built-in connector features large brass terminal blades to ensure consistent, reliable electrical connections.

Glass-reinforced nylon back body for durability, strength and resistance to harsh cleaners.

No exposed terminals create a finger safe application before, during and after installation.

PT20AC1W

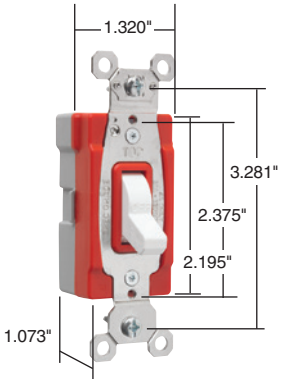
- Impact- and chemical resistant cover.
- Shallow design for easier installation.
- Heavy-duty bumpers for quiet, smooth operation.

Compliance

Federal Specification WS896. cULus Listed, 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	15, 20 and 30 Amps
Endurance	50,000 cycles minimum, resistive, inductive, tungsten filament lamp load (Fed Spec)
Mechanical	
PlugTail Connector Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Switches only
Product Identification	Ratings are permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C to, minimum -40°C without impact



Dimensions for 15 & 20 Amp

Materials	
Switch	
Front Body	Thermoplastic
Back Body	Thermoplastic
Toggle	Thermoplastic
Contacts	Brass
Mounting Strap	Nickel-Plated Brass
Spring Arm	Brass
Bumper	Rubber
Spring	Zinc-Plated Steel
Auto Ground Clip	Nickel-Plated Brass
Connector	
Housing	Thermoplastic
Contacts	Brass

PTS6STR3 **PTS6STR4**

Warranty

1 Year

Ordering Information

Single Pole Toggle Switches*

	Rating		
Catalog Number	**A**	**VAC**	**Color**
PT15AC1I	15	120/277	Ivory
PT15AC1W	15	120/277	White
PT15AC1	15	120/277	Brown
PT15AC1GRY	15	120/277	Gray
PT15AC1RED	15	120/277	Red
PT15AC1LA	15	120/277	Light Almond
PT20AC1I	20	120/277	Ivory
PT20AC1W	20	120/277	White
PT20AC1	20	120/277	Brown
PT20AC1GRY	20	120/277	Gray
PT20AC1RED	20	120/277	Red
PT20AC1LA	20	120/277	Light Almond

Three-Way Toggle Switches*

	Rating		
Catalog Number	**A**	**VAC**	**Color**
PT15AC3I	15	120/277	Ivory
PT15AC3W	15	120/277	White
PT15AC3	15	120/277	Brown
PT15AC3GRY	15	120/277	Gray
PT15AC3RED	15	120/277	Red
PT15AC3LA	15	120/277	Light Almond
PT20AC3I	20	120/277	Ivory
PT20AC3W	20	120/277	White
PT20AC3	20	120/277	Brown
PT20AC3GRY	20	120/277	Gray
PT20AC3RED	20	120/277	Red
PT20AC3LA	20	120/277	Light Almond

Single Pole Illuminated Toggle Switches

PT15AC1CSL	15	120/277	Clear
PT15AC1ISL	15	120/277	Ivory
PT15AC1WSL	15	120/277	White
PT20AC1CSL	20	120/277	Clear
PT20AC1ISL	20	120/277	Ivory
PT20AC1WSL	20	120/277	White

Three-Way Illuminated Toggle Switches

PT15AC3CSL	15	120/277	Clear
PT15AC3ISL	15	120/277	Ivory
PT15AC3WSL	15	120/277	White
PT20AC3CSL	20	120/277	Clear
PT20AC3ISL	20	120/277	Ivory
PT20AC3WSL	20	120/277	White

*Available in 347VAC Canadian Catalog Numbers, add 347 to the end of the Catalog Number.
Example: PT15AC1W347. All Canadian Products have Combination Slotted/Robertson Head Brass Screws.

NOTE: Enhanced chemical-resistant toggle not yet available for CSL illuminated models.

PlugTail Connectors for Single Pole Switches

Catalog Number	Rating VAC	Wire Type	Wire Length	Wire Colors
PTS6STR3	120/277	3 Wire Stranded	6"	Green, Black, Black
PTS6SOL3	120/277	3 Wire Solid	6"	Green, Black, Black
PTS6STR3277	120/277	3 Wire Stranded	6"	Green, Brown, Brown
PTS6SOL3277	120/277	3 Wire Solid	6"	Green, Brown, Brown

PlugTail Connectors for Three-Way Switches

PTS6STR4	120/277	4 Wire Stranded	6"	Green, Red, Red, Black
PTS6SOL4	120/277	4 Wire Solid	6"	Green, Red, Red, Black
PTS6STR4277	120/277	4 Wire Stranded	6"	Green, Brown, Yellow, Yellow
PTS6SOL4277	120/277	4 Wire Solid	6"	Green, Brown, Yellow, Yellow

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

Vertical Markets

- Health Care
- Industrial
- Education
- Institutional
- Hospitality
- Multiple Dwelling

Also available...

- USB Charging Devices
- Hospital Grade Devices
- PlugTail® Devices
- Plug Load Solutions
- Surge Protective & Isolated Ground Devices
- Ground Continuity Monitoring (GCM)
- Weatherproof Boxes & Covers
- Straight Blade Plugs & Connectors
- Turnlok® Locking Devices
- IEC 309 Industrial Products
- Flexcor® Wire Mesh Grips

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