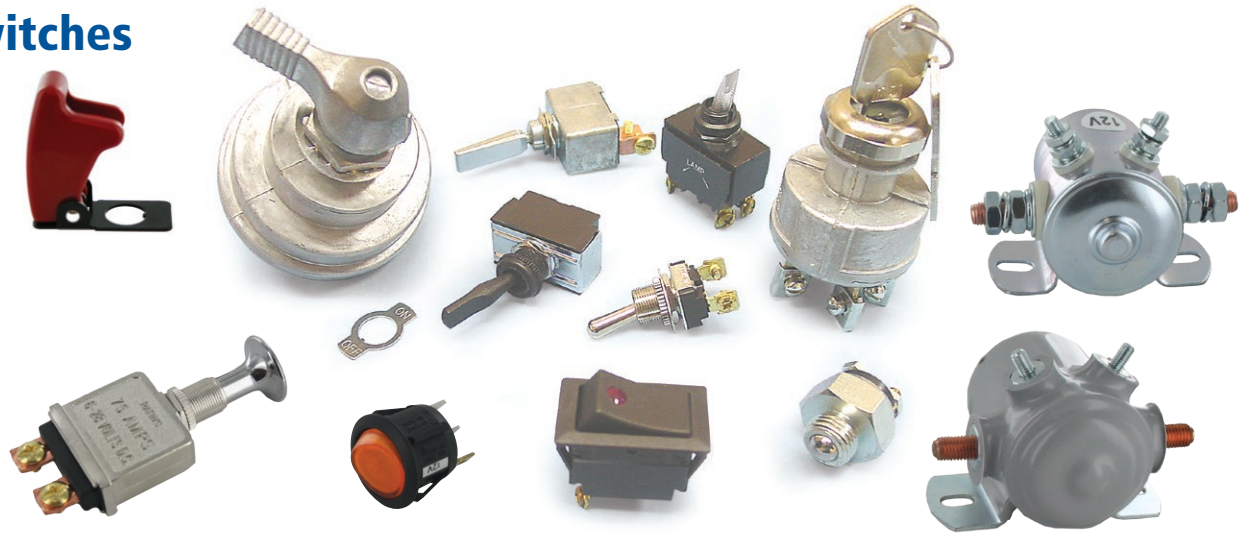


## Switches



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### Service Tips:

- Replacement switch must have the same or higher rating as the original switch
- Unplug circuit or turn off power at electrical panel
- Remove wires from old switch one at a time and attach to the new switch in the same manner, or follow wiring diagram
- For Blade Terminals: Crimp female slide connector (quick disconnect) on stranded wire & make sure it's connected properly. Female slide connectors/quick disconnects can be found in the Terminal section of this catalogue
- For Screw Terminals: Twist stranded wire together. Loop wire clockwise around the screw. Tighten securely!



### Common Used Terminology:

<b>Single Pole</b>	A switch that opens, closes or changes connection in a single conductor of an electrical circuit to a common contact
<b>Single Throw</b>	A switch that opens, closes or completes a circuit at only one of the extreme positions of its actuator
<b>Double Pole</b>	A switch that operates simultaneously in two separate electric circuits
<b>Double Throw</b>	A switch that alternately completes a circuit at either end of its extreme positions
<b>S.P.S.T. (Single Pole/Single Throw)</b>	A two-terminal switch that opens or closes one circuit
<b>S.P.D.T. (Single Pole/Double Throw)</b>	A three-terminal switch for connecting one terminal to either of two terminals
<b>D.P.S.T. (Double Pole/Single Throw)</b>	A switch that has four terminals and is used to connect or disconnect two pairs of terminals simultaneously
<b>D.P.D.T. (Double Pole/Double Throw)</b>	A switch that has six terminals and is used to connect one pair of terminals to either of the two pairs



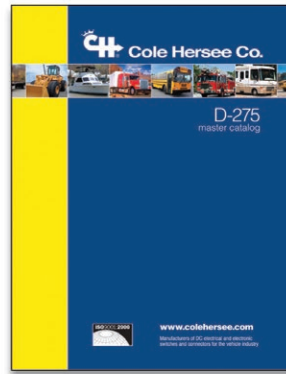
### What's New?

- Weather-Resistant Toggle Switch
- Toggle Switch Flip Cover Guard
- Breakaway Switch
- Expanded offering on:
  - Toggle Switch Boot Seals
  - Rocker Switches
  - Solenoids



# Switches

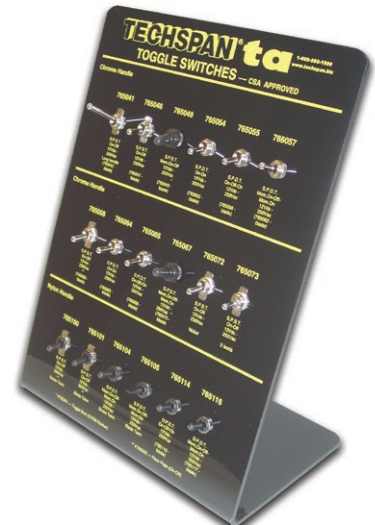
If you are looking for a switch that you don't see in this catalogue, we have lots more from which to choose. Check out the Techspan Industries Wire Management Products, Cole Hersee or Pollak catalogues.



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## Self-Standing Toggle Switch Selector Panel

**765099** Use as a Merchandiser/Selection Guide for user to select a toggle switch that suits their needs. Display contains 21 toggle switches with part numbers and specs clearly outlined under each switch





Universal Applications

## Toggle Switches

### Medium-Duty Toggle Switches



Rating: 20A @ 12VDC. CSA Approved. Universal applications (fits panels up to 9/32").



765047 765042 765046 765041

#### S.P.S.T. (SINGLE POLE – SINGLE THROW)

Positions	Circuitry	Terminal Type	Handle Length/Type	1 PC/PK	25 PCS/PK
2	ON-OFF	2 Blades	Std. 11/16" Chrome	765047	765047B
2	ON-OFF	2 Blades	Long 1-1/2" Chrome	765042	765042B
2	ON-OFF	2 Screws	Std. 11/16" Chrome	765046	765046B
2	ON-OFF	2 Screws	Long 1-1/2" Chrome	765041	765041B



765052 765055 765054 765056

#### S.P.D.T. (SINGLE POLE – DOUBLE THROW)

Positions	Circuitry	Terminal Type	Handle Length/Type	1 PC/PK	25 PCS/PK
2	ON-ON	3 Blades	Std. 11/16" Chrome	765052	765052B
3	ON-OFF-ON	3 Blades	Std. 11/16" Chrome	765056	765056B
2	ON-ON	3 Screws	Std. 11/16" Chrome	765054	765054B
3	ON-OFF-ON	3 Screws	Std. 11/16" Chrome	765055	765055B



765059 765058

#### D.P.S.T. (DOUBLE POLE – SINGLE THROW)

Positions	Circuitry	Terminal Type	Handle Length/Type	1 PC/PK	25 PCS/PK
2	ON-OFF	4 Blades	Std. 11/16" Chrome	765059	765059B
2	ON-OFF	4 Screws	Std. 11/16" Chrome	765058	765058B



765063 765066 765064 765065

#### D.P.D.T. (DOUBLE POLE – DOUBLE THROW)

Positions	Circuitry	Terminal Type	Handle Length/Type	1 PC/PK	25 PCS/PK
2	ON-ON	6 Blades	Std. 11/16" Chrome	765063	765063B
3	ON-OFF-ON	6 Blades	Std. 11/16" Chrome	765066	765066B
2	ON-ON	6 Screws	Std. 11/16" Chrome	765064	765064B
3	ON-OFF-ON	6 Screws	Std. 11/16" Chrome	765065	765065B



765043 765049 765048†

### Medium-Duty 'Momentary' Toggle Switches



Rating: 20A @ 12VDC. CSA Approved. Universal applications (fits panels up to 9/32").

#### S.P.S.T. (SINGLE POLE – SINGLE THROW)

Positions	Circuitry	Terminal Type	Handle Length/Type	1 PC/PK	25 PCS/PK
2	Mom ON-OFF	2 Blades	Std. 11/16" Chrome	765043	765043B
2	Mom ON-OFF	2 Screws	Std. 11/16" Chrome	765049	765049B
2	ON-Mom OFF	2 Screws	Long 1-1/2" Chrome	765048†	

†765048 is not CSA approved



765062 765057 765071

#### S.P.D.T. (SINGLE POLE – DOUBLE THROW)

Positions	Circuitry	Terminal Type	Handle Length/Type	1 PC/PK	25 PCS/PK
3	Mom ON-OFF-Mom ON	3 Blades	Std. 11/16" Chrome	765062	765062B
3	Mom ON-OFF-Mom ON	3 Screws	Std. 11/16" Chrome	765057	765057B
3	ON-OFF-Mom ON	3 Screws	Std. 11/16" Chrome	765071	765071B



765074 765069 765070 765067

#### D.P.D.T. (DOUBLE POLE – DOUBLE THROW)

Positions	Circuitry	Terminal Type	Handle Length/Type	1 PC/PK	25 PCS/PK
3	Mom ON-OFF-ON	6 Blades	Std. 11/16" Chrome	765074	765074B
3	Mom ON-OFF-ON	6 Screws	Std. 11/16" Chrome	765069	765069B
3	Mom ON-OFF-Mom ON	6 Blades	Std. 11/16" Chrome	765070	765070B
3	Mom ON-OFF-Mom ON	6 Screws	Std. 11/16" Chrome	765067	765067B



## Toggle Switches & Accessories

### Medium-Duty Toggle Switch (Weather-Resistant) \*NEW

SPST with Standard 11/16" 'Bat' Handle. Mounting stem: 15/32". Rating 20A @ 12VDC

Type	1 PC/PK	25 PCS/PK
2 Position (ON-OFF)	<span style="color: green; font-weight: bold;">*765010</span>	<span style="color: green; font-weight: bold;">*765010B</span>

Feature	Benefit
O-Ring Seal + Plastic Coating	Weatherproofs the switch
On/Off Face Plate	Easily identifies the current function of switch
Wire Leads – Tin Plated Copper (14GA, 8" Long)	Tin Plating on the copper prolongs life of switch



\*765010

### Toggle Switch Accessories \*NEW

#### Toggle Switch Flip Cover Guard<sup>†</sup>

- Spring loaded snap action holds this Cover Guard in the Up or Down position Switch cannot be operated with the cover in the down position
- Can easily be added to an already installed toggle switch by unscrewing and replacing the face-nut • Faceplate is steel with black glossy finish
- Recommended for use with Toggle Switches with:
  - A standard 15/32" mounting stem
  - On-Off or On-On Functions
  - An 11/16" standard 'Bat' handle
  - A Keyway in the bushing

Description	1 PC/PK	25 PCS/PK
Toggle Switch Flip Cover Guard	<span style="color: green; font-weight: bold;">*765004</span>	<span style="color: green; font-weight: bold;">*765004B</span>



\*765004

<sup>†</sup> Toggle switch is not included (for illustrative purposes only)

#### Toggle Switch Boot Seals

Made from silicone rubber that is bonded to a standard 15/32" – 32 thread nickel plated brass hex-nut. The rubber actually forms an O-Ring when the nut is tightened onto the stem of a toggle switch. Boot seals help protect toggle switches from dirt, moisture and salt spray.

#### Full-Boot Seals (Closed)

Covers Toggle Switches with a 15/32" diameter mounting stem and an 11/16" 'Bat' Handle

Colour	1 PC/PK	25 PCS/PK
Black	765001	765001B
Grey	<span style="color: green; font-weight: bold;">*765005</span>	<span style="color: green; font-weight: bold;">*765005B</span>
Red	<span style="color: green; font-weight: bold;">*765006</span>	<span style="color: green; font-weight: bold;">*765006B</span>



765001

\*765005

\*765006

Full-Boot Seals (Closed)

#### Half-Boot Seals (Open)

Covers all Toggle Switches that have a 15/32" diameter mounting stem. Not to be used with Toggle Switches with square-ended handles.

Colour	1 PC/PK	25 PCS/PK
Black	765003	765003B
Grey	<span style="color: green; font-weight: bold;">*765011</span>	<span style="color: green; font-weight: bold;">*765011B</span>



765003

\*765011

Half-Boot Seals (Open)

#### Toggle Switch Face Plate

Type	1 PC/PK	25 PCS/PK
On-Off	765000	765000B



765000

Toggle Switch Face Plate

G

# Toggle Switches



765101



765103



765102



\*765109



\*765108



765105



765117



765120



765075



765072



765073



## Medium-Duty Toggle Switches (Nylon Handle)

Decorator style toggle switches with an O-ring seal between toggle and bushing for splash proof reliability. Lighted versions have a transparent Lexan handle (20A @ 12VDC). Non-lighted versions have solid black handles and are rated at 35A @ 12VDC. CSA Approved where shown. Universal applications (fits panels up to 9/32")

### S.P.S.T. (SINGLE POLE – SINGLE THROW)

Positions	Circuitry	Terminal Type	Amp Rating	Handle Length/Type	1 PC/PK
2	ON-OFF	2 Blades	35A @ 12VDC	Std 11/16" Black	765101
2	ON-OFF	4 Blades	20A @ 12VDC	Std 11/16" Lighted	765103
2	ON-OFF	4 Screws	20A @ 12VDC	Std 11/16" Lighted	765102

### D.P.S.T (DOUBLE THROW – SINGLE POLE)

Positions	Circuitry	Terminal Type	Amp Rating	Handle Length/Type	1 PC/PK
2	ON-OFF	4 Blades	35A @ 12VDC	Std 11/16" Black	*765109 <b>*NEW</b>
2	ON-OFF	4 Screws	35A @ 12VDC	Std 11/16" Black	*765108 <b>*NEW</b>

## Medium-Duty 'Momentary' Toggle Switches (Nylon Handle)

Decorator style toggle switches with an O-ring seal between toggle and bushing for splash proof reliability. Solid black nylon handles. Rating: 35A @ 12VDC. CSA Approved where shown. Universal applications (fits panels up to 9/32")

### S.P.D.T (SINGLE POLE – DOUBLE THROW)

Positions	Circuitry	Terminal Type	Amp Rating	Handle Length/Type	1 PC/PK
3	Mom ON-OFF- Mom ON	3 Blades	35A @ 12VDC	Std 11/16" Black	765105

### D.P.D.T (DOUBLE POLE – DOUBLE THROW)

Positions	Circuitry	Terminal Type	Amp Rating	Handle Length/Type	1 PC/PK
3	Mom ON-OFF- Mom ON	6 Blades	35A @ 12VDC	Std 11/16" Black	765117

## Medium-Duty Toggle Switches (Nylon, Paddle Handle)

### S.P.S.T. (SINGLE POLE – SINGLE THROW)

Positions	Circuitry	Terminal Type	Amp Rating	Handle Length/Type	1 PC/PK
2	ON-OFF	2 Blades	20A @ 12VDC	Std 1" Black	765120

## Light-Duty Toggle Switches

The best combination of space-saving size and economy for universal light-duty applications. CSA approved where shown.

### S.P.S.T. (SINGLE POLE – SINGLE THROW)

Positions	Circuitry	Terminal Type	ON – OFF Faceplate	Description	1 PC/PK	25 PCS/PK
2	ON-OFF	2 Blades	No	35A @ 6V, 20A @ 12V. Mounting stem: 7/16" diameter, 3/8" long.	765075	765075B
2	ON-OFF	2 Blades	Yes	6A @ 125V, 3A @ 250V. Mounting stem: 15/32" diameter, 15/32" long.	765072	765072B
2	ON-OFF	2 Blades	Yes	6A @ 125V, 3A @ 250V. Mounting stem: 15/32" diameter, 15/32" long. 2 x 6" wire leads	765073	765073B

## Toggle Switches & Rocker Switches

### Heavy-Duty Toggle Switches

Oversized internal copper contacts will carry up to 50 amp current loads. Provides a long service life. (Note: Bladed terminals will carry 30 amps)

#### S.P.S.T (SINGLE POLE – SINGLE THROW)

Positions	Circuitry	Terminal Type	Amp Rating	Handle Length/Type	1 PC/PK
2	ON-OFF	2 Blades	30A @ 12VDC	Std. 1" Chrome	765033
2	ON-OFF	2 Screws	50A @ 12VDC	Std. 1" Chrome	765030
2	ON-OFF	2 Screws	50A @ 12VDC	Std. 1" Black	765012
2	ON-OFF	2 Screws	50A @ 12VDC	Long 1-1/2" Chrome	765031



#### S.P.D.T (SINGLE POLE – DOUBLE THROW)

Positions	Circuitry	Terminal Type	Amp Rating	Handle Length/Type	1 PC/PK
3	ON-OFF-ON	3 Screws	50A @ 12VDC	Std 1" Chrome	765034



765034

### Heavy-Duty 'Momentary' Toggle Switches

#### S.P.D.T (SINGLE POLE – DOUBLE THROW)

Positions	Circuitry	Terminal Type	Amp Rating	Handle Length/Type	1 PC/PK
3	Mom ON-OFF-Mom ON	3 Screws	50A @ 12VDC	Std. 1" Chrome	765032
3	Mom ON-OFF-Mom ON	3 Screws	50A @ 12VDC	Long. 1-1/2" Chrome	765020



765032



765020

### Rocker Switches (Full Size)

Universal design. 'Snap-in' mounting fits .830" x 1.45" panel cut-out that are .093", .125" or .187" thick. These rocker switches have a nylon bezel actuator and housing. Rating: 20A @ 12VDC. For lighted units, pilot light illuminates when the switch is ON.

#### S.P.S.T (SINGLE POLE – SINGLE THROW)

Positions	Circuitry	Terminal Type	Actuator	1 PC/PK
2	ON-OFF	2 Blades	Black (No Light)	765131
2	ON-OFF	2 Screws	Black (No Light)	765130
2	ON-OFF	3 Blades	Black with Red Pilot Light	765135
2	ON-OFF	3 Screws	Black with Red Pilot Light	765134
2	ON-OFF	3 Screws	Black with Amber Pilot Light	765137
2	ON-OFF	3 Screws	Black with Green Pilot Light	765136



765131



765130



765135



765134



765137



765136

### Rocker Switches (Round)

Round rocker switches feature an actuator that illuminates when turned to the "On" position. 20A @ 12VDC. Recommended mounting hole diameter: 0.795"

#### S.P.S.T (SINGLE POLE – SINGLE THROW)

Positions	Circuitry	Terminal Type	Actuator	1 PC/PK
2	ON-OFF	3 Blade	Amber	*765141 <b>*NEW</b>
2	ON-OFF	3 Blade	Blue	*765143 <b>*NEW</b>
2	ON-OFF	3 Blade	Green	*765142 <b>*NEW</b>
2	ON-OFF	3 Blade	Red	*765140 <b>*NEW</b>



## Switches



765007

### Push/Pull Switches

#### Medium-Duty

**765007** 2 Position (OFF-ON), SPST  
2 Screw Terminals  
25A @ 6VDC, 15A @ 12VDC  
Mounting Stem: 7/16" Diameter, 5/8" Long  
Ivory plastic knob



765002

#### Extra Heavy-Duty

**765002** 2 Position (OFF-ON), SPST  
2 Screw Terminals (Copper)  
75A (6-28 VDC)  
Mounting Stem: 15/32" Diameter, 5/8" Long  
Chrome-plated knob

**\*NEW \*765002B** Same as 765002 except 25 pieces per pack



765060

### Sealed Plunger Switch

**765060** 2 positions (ON-OFF, Normally ON; push to OFF). 10 amps @ 14V, Self-tapping thread. Self Adjusting, switch length 2-1/8". Mating connector has three 8" 18GA wire leads.



765300

### Ball Switches

Techspan also supplies Precision Ball Switches that are Normally Open or Normally Closed, with exposed or sealed terminals, and with or without encapsulated wire leads. Temperature ratings: -40°F to 250°F. For more information and more options, check out our new Techspan/Pollak catalogue!

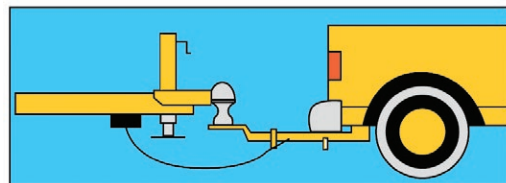
**765300** Precision Ball Switch (Normally Open – Exposed Stud Terminals).  
Free Position: .421"/.416", Make/Break: .406"/.391"

### Breakaway Switch

**\*NEW \*765223** Switch activates electric brakes if emergency cable pulls out of the connection. 12VDC systems. 48" coated high strength cable. Zinc-plated mounting bracket.  
**Note: Not a substitute for safety chains**



\*765223





## Switches

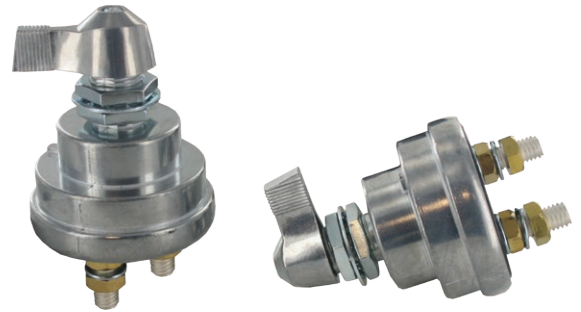
### Battery Master Disconnect Switch

- SPST • Lever operated • 6-36VDC • 180A Continuous-Duty, 1000A in Rush
- 2 copper alloy stud terminals • Individually sealed contacts
- Large die-cast lever for easier operation • One piece die-cast housing sealed with O-rings at base and mounting stem protects against dust and moisture
- Mounting stem: 3/8" Diameter, 1/2" Long with 2 hex nuts and lock washers
- Fits panels up to 1/4" thick

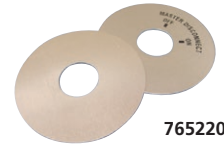
**765221** Designed for 12VDC vehicles to disconnect all circuitry. Reduces possibility of theft or accidental electrical fires and tampering. For battery circuits only. Does not disconnect from alternator or generator field circuit. For vehicles equipped with alternators, engines must be shut off to avoid potential damage to alternator diodes

#### Face Plate for Battery Master Disconnect Switch

**765220** Face plate for use with **765221**. Polished aluminum with black letters (**OFF – ON**). Overall diameter = 2.5", Hole diameter = 0.76", Thickness = 0.032"



765221



765220

### Ignition Switches

Extra Heavy-Duty for 6, 12 & 24VDC applications (Continuous rating 45 Amps @ 12VDC). Key is removable in OFF position. Temperature rating: -40°F to 250°F

**765205** 4 Position, Universal Key Code. Mounting Stem: 5/16" long with a 1" diameter. 2 Brass keys included. 1-1/8" mounting nut

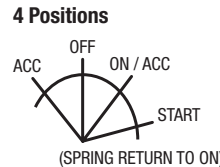
**765207** 4 Position, PK859 Key Code. Mounting Stem: 7/16" long, with a 3/4" diameter. 2 Brass keys included. 1-1/8" mounting nut with rubber cap to protect against moisture



765205



765207



### Momentary Starter Switch

**765209** 2 Position (OFF-ON), 2 Screw Terminals, 25A @ 6VDC, 15A @ 12VDC. Dimensions: 5/8" Diameter, 3/4" Long. Mounts in 5/8" diameter hole. Nylon housing, Universal mounting bushing; Hex Pal back knurled face nut assembled. Silver plated brass terminals



765209

### Solenoids

- SPST • Continuous-Duty
- Normally Open Contacts (Normally Off) • OFF-ON

**Steel Housing; 85A Continuous, 150A in Rush**

Voltage	1 PC/PK	10 PCS/PK	
12V	765204	*765204B	*NEW
24V	*765203	*765203B	*NEW



765204

\*765203

**Coated Steel Housing; 100A Continuous, 150A in Rush**

Voltage	1 PC/PK
12V	765206

UL Listed



765206

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