# Switches
# Core Program

Tyco Electronics

Our commitment. Your advantage.

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Please note that the product range in this catalog represents a part of the complete range of Tyco Electronics switches only.

For additional products in the listed product groups as well as for

- Rotary Switches,
- Keylock Switches,
- Industrial Controls,
- Pushwheel Switches and
- Accessories as knobs, caps, boot seals and the respective hardware

please contact our sales office or see our products under www.tycoelectronics.com.



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# DIP Switches - GD Series, High Feature Line

## GDS Series

- Low profile
- End stackable
- Auto insertable
- Gold contacts

## GDP Series

- Piano actuator
- Classic profile
- Gold contacts

## GDR Series

- Recessed rocker actuator
- Classic profile
- Gold contacts

| Dips | | | |
|---|---|---|---|
| Standard number of positions | 2, 4, 6, 8, 10 | 2, 4, 6, 8, 10 | 2, 4, 6, 8, 10 |
| Mounting style | THT, SMT | THT, SMT | THT, SMT |
| Tape seal | Yes | Yes | Yes |
| Contact rating | 25 mA @ 24 Vdc | 25 mA @ 24 Vdc | 25 mA @ 24 Vdc |
| Electrical endurance | 1000 ops. | 1000 ops. | 1000 ops. |
| Operating temperature range | -30…+85°C | -30…+85°C | -30…+85°C |
| Dimensions (WxH) | 6.2 x 2.7 mm | 9.6 x 8.7 mm | 9.6 x 6.9 mm |
| Packaging | Tube, Tape and Reel | Tube, Tape and Reel | Tube, Tape and Reel |

## GDH Series

- Low profile
- Half pitch
- Gold contacts

## GDHL Series

- Ultra low profile
- Half pitch
- Gold contacts

| Dips | | |
|---|---|---|
| Standard number of positions | 2, 4, 6, 8, 10 | 2, 4, 6, 8, 10 |
| Mounting style | SMT | SMT |
| Tape seal | Yes | Yes |
| Contact rating | 25 mA @ 24 Vdc | 25 mA @ 24 Vdc |
| Electrical endurance | 1000 ops. | 1000 ops. |
| Operating temperature range | -30…+85°C | -30…+85°C |
| Dimensions (WxH) | 6.2 x 3.2 mm | 4.5 x 1.45 mm |
| Packaging | Tape and Reel | Tube, Tape and Reel |

# DIP Switches - AD Series, SIP Switches, DIP Series

## ADE Series

- Extended actuator
- High pressure contact system
- Processable without tape seal
- Auto insertable

## ADF Series

- Flush actuator
- High pressure contact system
- Processable without tape seal
- Auto insertable

## ADP Series

- Piano actuator
- High pressure contact system
- Processable without tape seal
- Auto insertable

| Dips | | | |
|---|---|---|---|
| Standard number of positions | 2…12 | 2…12 | 2, 4, 6, 8, 10 |
| Mounting style | THT, SMT | THT, SMT | THT, SMT |
| Tape seal | No | Optional | No |
| Contact rating | 100 mA @ 24 Vdc | 100 mA @ 24 Vdc | 100 mA @ 24 Vdc |
| Electrical endurance | 1000 ops. | 1000 ops. | 1000 ops. |
| Integral resistors | Optional | Optional | No |
| Operating temperature range | -30…+85°C | -30…+85°C | -30…+85°C |
| Dimensions (WxH) | 7.5 x 3.5 mm | 7.5 x 3.5 mm | 8.8 x 6.8 mm |
| Packaging | Tube | Tube, Tape and Reel | Tupe, Tape and Reel |

## STV, STR Series

- Low profile
- High pressure contact system
- Processable without tape seal

## DIP Series

- Up to 30 poles
- Action pins up to 9 poles
- High contact force to break through oxide or dirt layers

| Dips | | |
|---|---|---|
| Standard number of positions | 2, 4, 6, 8, 10 | 1-30 |
| Mounting style | THT | THT, Action pins |
| Tape seal | No | No |
| Contact rating | 25 mA @ 24 Vdc | 25 mA @ 50 Vdc |
| Electrical endurance | 1000 ops. | 2000 ops. |
| Operating temperature range | -30…+85°C | -25…+70°C |
| Dimensions (WxH) | 3.2 x 6.2 mm | 10.0 x 8.5 mm |
| Packaging | Tube | Tube |

# DIP Shunts, DIP-Fix, Rotary DIP Switches

## HTH DIP Shunts

- **Machine insertable shunt on request**

## DIP-Fix

- **Highly simplified DIP switch with change over option**
- **Low cost alternative**
- **Predetermined breaking points**

| **Shunts, DIP-Fix** | | |
|---|---|---|
| Standard number of positions | 4, 6, 8, 10, 12 | 1-10, 12, 16, 24 |
| Mounting style | THT | THT |
| Tape seal | No | No |
| Contact rating | up to 2 A | up to 0.5 A |
| Electrical endurance | - | 50 ops. |
| Operating temperature range | -30…+85°C | -40…+85°C |
| Dimensions (WxH) | 6.,0 x 2.0 mm | 12.4 x 8.1 mm |
| Packaging | Tube | Tray |

## MRD Series

- **Low profile**
- **Process sealed**
- **7 mm edge length**

## DR-/D/M/S/W Series

- **Process sealed**
- **10 mm edge length**

| **Rotary Dips** | | |
|---|---|---|
| Right angle versions | for THT version only | for THT version only |
| Standard number of positions | 10, 16 | 10, 16 |
| Mounting style | THT, SMT | THT, SMT |
| Actuator style | Flush actuator only | Flush, Mini plastic shaft, Wheel, Metal shaft |
| Flush actuator versions | Yes | Yes |
| Output Code | BCD, BCD compl., Hex, Hex compl. | BCD, BCD compl., Hex, Hex compl. |
| Tape seal | Optional | Optional |
| Contact rating | 20 mA @ 20 Vdc | 20 mA @ 20 Vdc |
| Electrical endurance | 20,000 ops. | 20,000 ops. |
| Operating temperature range | -30…+85°C | -30…+85°C |
| Dimensions (LxWxH) | 7 x 7 x 3.3 mm | 10 x 10 x 6.8 mm |
| Packaging | Tube, Tape and Reel | Tube, Tape and Reel (for SMT version only) |

## Tactile Switches

### FSM . SM/JM Series

- **Small PCB footprint**

### FSM . SM/JM LP Series

- **Small PCB footprint**
- **Low profile**
- **SMT and SMT up pinning**

### FSM 6 x 6 Series

- **Different actuator and mounting versions**
- **105°C versions available**

| Tactiles | | | |
|---|---|---|---|
| Style | 3.5 x 6 | 4 x 6 | 6 x 6 |
| Mounting style | THT, SMT | SMT | THT, SMT |
| Right angle versions | No | No | Yes |
| Low profile versions | No | Standard | Yes |
| Flush actuator version | Yes | No | Yes |
| Different actuator styles | Yes | No | Yes |
| ESD grounding term./locating post | No / No | No / No | Optional / No |
| Sealed versions | Yes | No | Yes |
| Standard actuation force | 1.3, 1.8 N | 1.6, 2.6 N | 1.0, 1.6, 2.6, 5.2 N |
| Electrical endurance | up to 100,000 ops. | up to 1,000,000 ops. | up to 2,000,000 ops. |
| Operating temperature range | -40…+85°C | -40…+85°C | -40…+85°C, (+105°C) |
| Dimensions horizontal ver. (LxWxH) | 3.5 x 6 x 4.3...5 mm | 4.2 x 6 x 2.5 mm | 6 x 6 x 4.3…17 mm |
| Dimensions sealed ver. (LxWxH) | 4.7 x 6.8 x 4.3…5 mm | - | - |
| Packaging | Tape and Reel, Bulk | Tape and Reel | Tape and Reel, Bulk |

### FSM 10 Series

- **Different actuator and mounting versions**

| Tactiles | |
|---|---|
| Style | 12 x 12 |
| Mounting style | THT, SMT |
| Right angle versions | Yes |
| Low profile versions | No |
| Flush actuator version | Yes |
| Different actuator styles | Yes |
| ESD grounding term./locating post | No / Optional |
| Sealed versions | Yes |
| Standard actuation force | 1.6, 2.6 N |
| Electrical endurance | up to 1,000,000 ops. |
| Operating temperature range | -35…+85°C |
| Dimensions horizontal ver. (LxWxH) | 12 x 12.5 x 4.3…12 mm |
| Dimensions sealed ver. (LxWxH) | 12 x 12.5 x 4.3…7.3 mm |
| Packaging | Tape and Reel, Bulk |

## Tactile Switches

### FSM Turtle

■ **Side actuated tactile**

### FSMMSH Series

■ **Small PCB space required**

■ **Side actuated**

### FSM . MS Series

■ **Low profile**

■ **Side actuated**

| **Tactiles** | | | |
|---|---|---|---|
| Style | Turtle | Miniature side actuated | Miniature side actuated |
| Mounting style | SMT | SMT | SMT |
| Right angle versions | No | Yes | Yes |
| Low profile versions | No | No | No |
| Flush actuator version | No | No | No |
| Different actuator styles | No | No | No |
| ESD grounding term./locating post | No / Optional | No / Optional | No / Optional |
| Sealed versions | No | No | No |
| Standard actuation force | 1.6 N | 1.6 N | 2.2, 2.5 N |
| Electrical endurance | 100,000 ops. | 100,000 ops. | 100.000 ops. |
| Operating temperature range | -20…+85°C | -20…+70°C | -20…+85°C |
| Dimensions horizontal ver. (LxWxH) | 4.0 x 7.15 x 1.7 mm | 4.5 x 2.55 x 3.3 mm | refer to catalogue |
| Dimensions sealed ver. (LxWxH) | - | - | - |
| Packaging | Tape and Reel, Bulk | Tape and Reel | Tape and Reel |

### FSMCT Series

■ **Low profile**

### FSMLPU

■ **Ultra low profile**

■ **0.6 mm high only**

| **Tactiles** | | |
|---|---|---|
| Style | 5 x 5 | 5 x 5 |
| Mounting style | SMT | SMT |
| Right angle versions | No | No |
| Low profile versions | No | Standard |
| Flush actuator version | No | Standard |
| Different actuator styles | No | No |
| ESD grounding term./locating post | No / No | No / No |
| Sealed versions | No | No |
| Standard actuation force | 1.6, 2.6 N | 1.6 N |
| Electrical endurance | up to 1,000,000 ops. | 500.000 ops. |
| Operating temperature range | -20…+85°C | -20…+70°C |
| Dimensions horizontal ver. (LxWxH) | 5.2 x 5.2 x 1.5 mm | 4.8 x 4.8 x 0.6 mm |
| Dimensions sealed ver. (LxWxH) | - | - |
| Packaging | Tape and Reel | Tape and Reel |



Dimensions are in mm and are shown for reference purposes only.

Specifications subject to change.

## Slide Switches

### ASE, ASF Series

- **Bifurcated double wipe contacts, also for telecom grade switching**
- **ASF for auto insertion on standard IC equipment**

### S, SE Series

- **Compact slide switch**
- **S: unsealed**
  **SE: sealed (IP 67)**

### STS, SDS Series

- **Miniature slide switch**
- **STS: economy grade**
  **SD: instrumentation grade**
- **Low profile**

| **Slide switch** | | | |
|---|---|---|---|
| Number of poles | 2, 4, 6 | 1 or 2 | 1 or 2 |
| Number of throws | 2, 3 (available in 4 pole only) | 1,2 | up to 6 |
| Contact timing | Make before Break | Break before Make | Make before Break |
| Right angle versions | Yes | Yes | Yes |
| Mounting style | SMT, THT | SMT, THT | THT |
| Actuator style | ASF: Flush top actuator<br>ASE: Extended top or side<br>ASFO: Flush top or side | SE: Actuator with boot sealing | SDS: on request |
| Flush actuator version | ASF: Yes, ASE: No | No | No |
| Tape seal | ASF: Yes, ASE: No | No | No |
| Contact rating | Gold: 20 mA @ 20 Vdc<br>Silver: 300 mA @ 115 Vac, 28 Vdc | 20 mA@ 20 Vdc | 300 mA @ 125 Vac |
| Electrical endurance | 10,000 ops. | 10,000 ops. | 10,000 ops. |
| Operating temperature range | -40…+80°C | -20…+80°C | -15…+60°C |
| Dimensions (LxWxH) | refer to catalogue | 9.5 x 5 x 8.0 mm | refer to catalogue |
| Packaging | Tube | Tray, Tape and Reel | Bulk |

### TSS Series

- **Single or dual actuator**

### MSS, MSSA Series

- **Instrumentation grade**

### MSSA-01/04 Series

- **Instrumentation grade**
- **Top and side actuator**

| **Slide switch** | | | |
|---|---|---|---|
| Number of poles | up to 4 | up to 6 | up to 2 |
| Number of throws | 1 or 2 | up to 4 | 2 |
| Contact timing | Break before Make | Make before Break | Break before Make |
| Right angle versions | Yes | Yes | Yes |
| Mounting style | THT | THT | THT |
| Actuator style | Standard | Standard / MSSA: Position snap | Standard |
| Flush actuator version | Yes | No | Yes |
| Tape seal | No | No | No |
| Contact rating | 20 mA @ 20 Vdc | Gold: 20 mA @ 20 Vdc<br>Silver: 300 mA @ 125 Vac | Gold: 20 mA @ 20 Vdc<br>Silver: 3A@115Vac, 1.5A@230Vac |
| Electrical endurance | 80,000 ops. | 15,000 ops. | 30,000 ops. |
| Operating temperature range | -20…+80°C | -20…+85°C | -20…+85°C |
| Dimensions (LxWxH) | refer to catalogue | refer to catalogue | MSSA1: 11.9 x 6.4 x 8 mm<br>MSSA2: 11.9 x 11.4 x 8 mm |
| Packaging | Bulk | Tray | Bulk |

# Slide Switches

## MHS Series

- **Low profile**
- **Instrumentaion grade**

## SSJ Series

- **Micro size**
- **Instrumentation grade**

## SSA Series

- **Micro size**
- **Instrumentation grade**

| Slide switch | MHS Series | SSJ Series | SSA Series |
|---|---|---|---|
| Number of poles | up to 2 | 1 | up to 2 |
| Number of throws | up to 3 | 3 | 2 |
| Contact timing | Make before Break | Make before Break | Make before Break |
| Right angle versions | Yes | Yes | Yes |
| Mounting style | THT | THT | THT |
| Actuator style | Standard and Baton | Standard | Standard |
| Flush actuator version | No | No | No |
| Tape seal | No | No | No |
| Contact rating | Gold: 20 mA @ 20 Vdc<br>Silver: 300 mA @ 125 Vac | 100 mA @ 12 Vdc | Gold: 20 mA @ 20 Vdc<br>Silver: 100 mA @ 30 Vac |
| Electrical endurance | 15,000 ops. | 10,000 ops. | up to 10,000 ops. |
| Operating temperature range | -20…+100°C | -10…+60°C | -20…+80°C |
| Dimensions (LxWxH) | 16.0 x 6.7 x 7.5 mm | 10.2...15.8 x 4 x 5.5 mm | 9.0…15.0 x 3.4…5.6 x 4.8 mm |
| Packaging | Tray | Tray | Bulk |

## SLS/SL/SLSA Series

- **Wiping contact**
- **Consumer grade**

## MLL Series

- **Low profile**

NEW

| Slide switch | SLS/SL/SLSA Series | MLL Series |
|---|---|---|
| Number of poles | up to 2 | 1 |
| Number of throws | up to 10 | up to 3 |
| Contact timing | Break before Make | Make before Break |
| Right angle versions | Yes | Standard |
| Mounting style | THT | SMT |
| Actuator style | Standard, Lever / Knob Actuator | Standard |
| Flush actuator version | No | No |
| Tape seal | No | No |
| Contact rating | SLS/SL: 250 mA @ 125 Vac,<br>150 mA @ 12 Vdc<br>SLA: 500 mA @ 125 Vac | 300 mA; 4 Vdc |
| Electrical endurance | 10,000 ops. | 10,000 ops. |
| Operating temperature range | SLS/SL: -10…+60°C,<br>SLA: -20…+85°C | 20…+85°C |
| Dimensions (LxWxH) | refer to catalogue | 6.7...9.7 x 2.6 x 1.4 |
| Packaging | Bulk | Tube, Tape and Reel |



Dimensions are in mm and are shown for reference purposes only.

Specifications subject to change.

# Toggle Switches

## TST Series

- **Sub miniature toggle switch**
- **Sealed**

## TT Series

- **Sub miniature toggle switch**
- **Boot seal available**

## Gemini Series A

- **Miniature toggle switch**

| **Toggles** | | | |
|---|---|---|---|
| Number of poles | 1 | up to 4 | 1 or 2 |
| Contact timing | Break before Make | Break before Make | Break before Make |
| Right angle versions | Yes | right angle and vertical right angle | right angle and vertical right angle |
| Standard number of positions | 2 or 3 | 2 or 3 | 2 or 3 |
| Terminals / Mounting style | THT | THT, Wire lug, Wire wrap; Various bushings versions | THT, Wire lug, Quick connect, Wire wrap, Support brackets; Various bushings versions |
| Actuator style | Various lenghts | Various lengths, round, flat, locking | different lenghts, round, flat, locking; rocker style |
| Contact rating | 20 mA @ 20 Vac/dc | Gold: 20 mA @ 20 Vdc<br>Silver (2pos): 3A@125Vac, 28Vdc<br>Silver (3pos): 2A@125Vac, 28Vdc | 2 A @ 250 Vac |
| Electrical endurance | 80,000 ops. | 60,000 ops. | 40,000 ops. |
| Operating temperature range | -30…+85°C | -30…+85°C | -30…+85°C |
| Dimensions case (LxWxH) | 8.1 x 5.0 x 9.1 mm | 8.1 x 6 x 8.8...15.7 mm | 12.7 x 6.9…16.8 x 10.4 mm |
| Packaging | Bulk | Bulk | Bulk |

## Gemini Series AE

- **Miniature toggle switch sealed**
- **Meets requirements of IP67**

## MT Series

- **Toggle switch**

| **Toggles** | | |
|---|---|---|
| Number of poles | 1 or 2 | up to 4 |
| Contact timing | Break before Make | Break before Make |
| Right angle versions | right angle and vertical right angle | right angle and vertical right angle |
| Standard number of positions | 2 or 3 | 2 or 3 |
| Terminals / Mounting style | THT, Wire lug, Quick connect, Wire wrap, Support brackets | THT, Wire lug |
| Actuator style | different lenghts, round, flat; rocker style | Lenghts, round, flat, Mustang, splash proof bat actuator, locking, decorative bat actuator |
| Contact rating | 2 A @ 250 Vac | 3 A @ 250 Vac,4 A @ 28 Vdc |
| Electrical endurance | 30,000 ops. | 80,000 ops. |
| Operating temperature range | -30…+85°C | -20…+85°C |
| Dimensions case (LxWxH) | 12.7 x 6.6…11.4 x 10.3 mm | 13 x 8…22.5 x 11.5 mm |
| Packaging | Bulk | Bulk |

## Toggle Switches

### AW Series

- **IP67 panel mounting seal**
- **Sleeve & Frame perfect sealed**

### F Series

- **Terminals are gold-flashed**
- **Wide range of switching functions**
- **Wide choice of toggles**

| Toggles | AW Series | F Series |
|---|---|---|
| Number of poles | 1, 2 and 4 | up to 4 |
| Contact timing | Break before Make | Break before Make |
| Right angle versions | No | No |
| Standard number of positions | 2 or 3 | 2 or 3 |
| Terminals / Mounting style | Quick connect | Leadwire hooking |
| Actuator style | Standard Toogle | Standard, long, locking; rocker style |
| Contact rating | 20 A @ 250 Vac | 6 A @ 250 Vac |
| Electrical endurance | 20,000 ops. | 50,000 ops. |
| Operating temperature range | -20…+70°C | -20…+70°C |
| Dimensions case (LxWxH) | 33 x 19.5...36.5 x 24.5 mm | 14.8 x 8...23 x 10.5 mm |
| Packaging | Bulk | Bulk |

## Push Buttons

### TP Series

- **Miniature**
- **Dual actuator available**

### MP Series

- **Caps in different colours**

| **Push buttons** | | |
|---|---|---|
| Number of poles | 1 or 2 | up to 4 |
| Contact timing | Break before Make | Break before Make |
| Right angle versions | right angle and vertical right angle | No |
| Sealing | Process sealed optional | MPE: splash proof (meets IP65) |
| Mounting style | THT, Wire lug, different bushing styles | THT, Panel mount, Wire lug |
| Actuator style | round, rectangular | Optional caps for MPA, MPE |
| Flush actuator versions | Yes | No |
| Contact rating | Gold: 20 mA @ 20 Vdc<br>Silver: 1 A @ 125 Vac, 28 Vdc | 6 A @ 120 Vac, 3 A @ 250 Vac |
| Electrical endurance | 100,000 ops. | 50,000 ops. |
| Operating temperature range | -30…+65°C | -20…+80°C |
| Dimensions case (LxWxH) | 8.1 x 5.2 x 8.1 mm | 13 x 8.1...22.5 x 14...17.3 mm |
| Packaging | Bulk | Bulk |

## Micro Switches

| Micro switch | MP Miniature Micro Switch Series<br>■ Low and high current versions | SP Sub Miniature Micro Switch Series<br>■ Various actuator and mounting options | UP Ultra Miniature Micro Switch Series<br>■ Different mounting options<br>■ Silver or gold contacts |
|---|---|---|---|
| | | | |
| Contact configuration | SPDT, SPNC, SPNO | SPDT | SPDT |
| Right angle versions | No | No | left and right |
| Mounting style | Solder or Spade | TAB, THT, Solder terminals | THT |
| Actuator style | Pin plunger, short, normal, simulator lever, roller | Pin plunger, normal, long, simulator lever, roller | Straight lever, without lever |
| Standard actuation force | 16 A Version: 1.2, 2.0, 3.0 N<br>0.1 A Version: 0.55 N | 0.8…2.5 N | 0.3…1.5 N |
| Contact rating | 16 A @ 250 Vac<br>0.1 A @ 250 Vac | 5 A @ 250 Vac | UP3 version: 3A @ 125 Vac<br>UP01 version: 0.1 @ 30 Vdc |
| Electrical endurance | up to 100,000 ops. | up to 50,000 ops. | 1,000,000 ops. |
| Operating temperature range | -25…+130°C | -25…+80°C | -25…+80°C |
| Approvals | UL, cUL, ENEC | UL, cUL, ENEC | UL |
| Dimensions (LxWxH) | 27.8 x 10.2 x 15.9 mm | 19.8 x 6.4 x 10.6 mm | 12.7 x 5.8 x 6.7 mm |
| Packaging | Tray | Tray | Tray |


Dimensions are in mm and are shown for reference purposes only.
Specifications subject to change.

## Power Rocker Switches

### PRA Series

- 13.0 mm x 19.2 mm panel cut-out
- Easy snap-in mounting

### PRC Series

- IP 66 waterproof
- 21.2 mm x 36.6 mm panel cut-out
- Easy snap-in mounting

### PRE Series

- 19.4 mm x 22.2 mm panel cut-out
- Easy snap-in mounting

| Power Rocker Switch | PRA Series | PRC Series | PRE Series |
|---|---|---|---|
| Number of poles | 1 or 2 | 1 or 2 | 2 |
| Sealing | Dust resistant, optional waterproof cover | IP 66 waterproof | Dust resistant |
| Type of terminals | Solder lug or Quick connect | Solder lug, Quick connect, Screw | Solder lug or Quick connect |
| Illumination versions | single pole versions only | No | Yes |
| Contact rating | 1 pole version: 10A @ 250 Vac<br>2 pole version: 6A @ 250 Vac | 10A @ 250 Vac | 6 A @ 250 Vac |
| Electrical endurance | ≥ 6,000 ops. | ≥ 6,000 ops. | ≥ 10,000 ops. |
| Operating temperature range | -20…+85°C | -20…+85°C | -20…+85°C |
| Approvals | 1 pole vers.: cUL (VDE, ENEC)<br>2 pole vers.: cUL | UL | UL, VDE, ENEC |
| Packaging | Tray | Tray | Tray |

### PRF Series

- 22.2 mm x 30.2 mm panel cut-out
- Easy snap-in mounting

### PRG Series

- 11.2 mm x 30.2 mm panel cut-out
- Easy snap-in mounting

| Power Rocker Switch | PRF Series | PRG Series |
|---|---|---|
| Number of poles | 2 | 1 |
| Sealing | Dust resistant | Dust resistant |
| Type of terminals | Solder lug or Quick connect | Solder lug or Quick connect |
| Illumination versions | Yes | Yes |
| Contact rating | 10 A @ 250 Vac | 10 A @ 250 Vac |
| Electrical endurance | ≥ 10,000 ops. | ≥ 6,000 ops. |
| Operating temperature range | -20…+85°C | -20…+85°C |
| Approvals | UL, VDE, ENEC | UL, VDE, ENEC |
| Packaging | Tray | Tray |

# Preferred Part Numbers - DIP Switches

## GDS Series

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| GDS0204 | 2 | THT | tube | 1825006-1 |
| GDS02S04 | | SMT | | 1825006-3 |
| GDS02STR04 | | | tape and reel | 1825006-4 |
| GDS0404 | 4 | THT | tube | 1825006-5 |
| GDS04S04 | | SMT | | 1825006-7 |
| GDS04STR04 | | | tape and reel | 1825006-8 |
| GDS0604 | 6 | THT | tube | 1825006-9 |
| GDS06S04 | | SMT | | 1-1825006-1 |
| GDS06STR04 | | | tape and reel | 1-1825006-2 |
| GDS0804 | 8 | THT | tube | 1-1825006-3 |
| GDS08S04 | | SMT | | 1-1825006-5 |
| GDS08STR04 | | | tape and reel | 1-1825006-6 |
| GDS1004 | 10 | THT | tube | 1-1825006-7 |
| GDS10S04 | | SMT | | 1-1825006-9 |
| GDS10STR04 | | | tape and reel | 2-1825006-0 |

## GDP Series

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| GDP0204 | 2 | THT | tube | 1571998-1 |
| GDP02STR04 | | SMT | tape and reel | 1571998-4 |
| GDP0404 | 4 | THT | tube | 1571998-5 |
| GDP04STR04 | | SMT | tape and reel | 1571998-8 |
| GDP0604 | 6 | THT | tube | 1571998-9 |
| GDP06STR04 | | SMT | tape and reel | 1-1571998-2 |
| GDP0804 | 8 | THT | tube | 1-1571998-3 |
| GDP08STR04 | | SMT | tape and reel | 1-1571998-6 |
| GDP1004 | 10 | THT | tube | 1-1571998-7 |
| GDP10STR04 | | SMT | tape and reel | 2-1571998-0 |

## GDR Series

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| GDR0404 | 4 | THT | tube | 1825286-3 |
| GDR04S04 | | SMT | | 1825286-4 |
| GDR0804 | 8 | THT | | 1825286-7 |
| GDR08S04 | | SMT | | 1825286-8 |

## GDH Series

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| GDH02S04 | 2 | SMT | tube | 1571983-1 |
| GDH02STR04 | | | tape and reel | 1571983-3 |
| GDH04S04 | 4 | | tube | 1571983-4 |
| GDH04STR04 | | | tape and reel | 1571983-5 |
| GDH06STR04 | 6 | | | 1571983-9 |
| GDH08S04 | | | tube | 1-1571983-0 |
| GDH08STR04 | 8 | | tape and reel | 1-1571983-1 |

## GDHL Series

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| GDHL04S | 4 | SMT | tube | 1977103-3 |
| GDHL04STR | | | tape and reel | 1977103-4 |
| GDHL08S | 8 | | tube | 1977103-7 |
| GDHL08STR | | | tape and reel | 1977103-8 |

## ADE Series

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| ADE0204 | 2 | THT | tube | 1825057-1 |
| ADE0404 | 4 | | | 1825057-3 |
| ADE04S04 | | SMT | | 1825058-7 |
| ADE0604 | 6 | THT | | 1825057-5 |
| ADE0804 | 8 | | | 1825057-7 |
| ADE08S04 | | SMT | | 1-1825058-9 |
| ADE1004 | 10 | THT | | 1825057-9 |

## ADF Series

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| ADF flush actuator | | | | |
| ADF0204 | 2 | THT | tube | 1825002-1 |
| ADF0404 | 4 | | | 1825002-5 |
| ADF0604 | 6 | | | 1825002-9 |
| ADF0804 | 8 | | | 1-1825002-3 |
| ADF1004 | 10 | | | 1-1825002-7 |
| ADF flush actuator with seal tape | | | | |
| ADF02STTR04 | 2 | SMT | tape and reel | 1825059-6 |
| ADF04STTR04 | 4 | | | 1-1825059-8 |
| ADF06STTR04 | 6 | | | 3-1825059-0 |
| ADF08STTR04 | 8 | | | 4-1825059-2 |
| ADF10STTR04 | 10 | | | 5-1825059-4 |


Dimensions are in mm and are shown for reference purposes only.
Specifications subject to change.

## Preferred Part Numbers - DIP Switches, DIP Shunts, Rotary (Continued)

### ADP Series

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| ADP0204 | 2 | THT | tube | 1571999-1 |
| ADP02STR04 | | SMT | tape and reel | 1571999-4 |
| ADP0404 | 4 | THT | tube | 1571999-6 |
| ADP04STR04 | | SMT | tape and reel | 1571999-9 |
| ADP0604 | 6 | THT | tube | 1-1571999-6 |
| ADP06STR04 | | SMT | tape and reel | 1-1571999-9 |
| ADP0804 | 8 | THT | tube | 2-1571999-6 |
| ADP08STR04 | | SMT | tape and reel | 2-1571999-9 |
| ADP1004 | 10 | THT | tube | 3-1571999-6 |
| ADP10STR04 | | SMT | tape and reel | 3-1571999-9 |

### STV, STR Series

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| STV04 | 4 | THT, vertical | tube | 1977104-2 |
| STV08 | 8 | | | 1977104-4 |
| STR04 | 4 | THT, horizontal | | 1977105-2 |
| STR08 | 8 | | | 1977105-4 |

### DIP Series

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| DIP01 | 1 | THT | tube | 5161390-1 |
| DIP02 | 2 | | | 5161390-2 |
| DIP03 | 3 | | | 5161390-3 |
| DIP04 | 4 | | | 5161390-4 |
| DIP05 | 5 | | | 5161390-5 |
| DIP08 | 8 | | | 5161390-8 |

### HTH DIP Shunts

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| HTH04 | 4 | THT | tube | 1825190-3 |
| HTH08 | 8 | | | 1825190-7 |

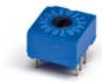
### DIP-Fix

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| DIP-FIX-A104 | 4 | THT | trays | 1393546-4 |
| DIP-FIX-A108 | 8 | | | 1393546-8 |
| DIP-FIX-A124 | 24 | | | 1-1393546-3 |
| DIP-FIX-A201 | 1 changeover | | | 1-1393546-4 |
| DIP-FIX-A202 | 2 changeover | | | 1-1393546-5 |
| DIP-FIX-A204 | 4 changeover | | | 1-1393546-7 |
| DIP-FIX-A212 | 12 changeover | | | 2-1393546-0 |

### MRD Series

| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| MRD1004 | 10/BCD | THT | tube | 1825013-1 |
| MRD10STR04 | | SMT | tape and reel | 1-1825013-1 |
| MRD10CSTR04 | 10/BCD compl. | | | 1825013-6 |
| MRD1604 | 16/Hex | THT | tube | 1-1825013-1 |
| MRD16STR04 | | SMT | tape and reel | 2-1825013-0 |
| MRD16CSTR04 | 16/Hex compl. | | | 1-1825013-6 |

### DR-/D/M/S/W Series



| Product key | Positions | Mounting | Packaging | Part number |
|---|---|---|---|---|
| DRD10CE04 | 10/BCD compl. | THT | tube | 1825007-1 |
| DRD10E04 | 10/BCD | | | 1825007-6 |
| DRD10SETR04 | | SMT | tape and reel | 1-1825007-0 |
| DRD16CE04 | 16/Hex compl. | THT | tube | 1-1825007-1 |
| DRD16E04 | 16/Hex | | | 1-1825007-6 |
| DRD16SETR04 | | SMT | tape and reel | 2-1825007-0 |
| DRM10RA04 | 10/BCD | THT | tube | 1825008-6 |
| DRM16RA04 | 16/Hex | | | 1825008-8 |

## Preferred Part Numbers - Tactile Switches

### FSM . SM/JM Series, 3,5 x 6

| Product key | Act. Force | Height | Mounting | Packaging | Part number |
|---|---|---|---|---|---|
| FSM SM/JM | | | | | |
| FSM2L | 1.3 N | 5 mm | THT | bulk | 1825965-1 |
| FSM1L | | 4.3 mm | | | 1825966-1 |
| FSM1SM | 1.8 N | | SMT | | 1437566-3 |
| FSM1SMTR | | | | tape and reel | 1437566-4 |
| FSM1JMTR | | 4.3 mm | SMT/J | | 147873-2 |
| FSM2JMTR | | 5 mm | | | 147873-1 |
| FSM SM/JM S, Sealed | | | | | |
| FSM2S | 1.3 N | 5 mm | THT | bulk | 1571297-1 |
| FSM2SSMTR | | | SMT | tape and reel | 1571298-2 |
| FSM1SJMTR | | 4.3 mm | SMT/J | | 1571299-2 |
| FSM2SJMTR | | 5 mm | | | 1571299-4 |

### FSM . SM/JM LP Series, 4 x 6

| Product key | Act. Force | Height | Mounting | Packaging | Part number |
|---|---|---|---|---|---|
| FSMJMLPTR | 1.6 N | 2.5 mm | SMT/J | tape and reel | 1571528-1 |
| FSMJMLPATR | 2.6 N | | | | 1571528-2 |
| FSMSMLPTR | 1.6 N | | SMT | | 1825086-1 |
| FSMSMLPATR | 2.6 N | | | | 1825086-2 |

## Preferred Part Numbers - Tactile Switches (Continued)

**FSM 6 x 6 Series**

| Product key | Act. Force | Height | Mounting | Packaging | Part number |
|---|---|---|---|---|---|
| FSMJ Series | | | | | |
| FSM2JH | 1.6 N | 4.3 mm | THT | bulk | 1825910-2 |
| FSM2JAH | 2.6 N | | | | 1825910-3 |
| FSMCD, Square Button | | | | | |
| FSMCD1H | 1.6 N | 7.5mm, □ 2.42mm | THT | bulk | 1825967-1 |
| FSMCD2H | | 7.5mm, □ 2.8mm | | | 1825967-2 |
| FSMRACD, Square Button, Right Angle | | | | | |
| FSMRACD1H | 1.6 N | 6.35mm, □ 2.42mm | THT | bulk | 1825968-1 |
| FSMRACD2H | | 6.35mm, □ 2.8mm | | | 1825968-2 |
| FSMJSM, SMT Mounting | | | | | |
| FSM2JSMLS | 1.0 N | 4.3 mm | SMT | bulk | 1977223-1 |
| FSM2JSMLSTR | | | | tape and reel | 1977223-2 |
| FSM2JSMAS | 1.6 N | | | bulk | 1977223-3 |
| FSM2JSMASTR | | | | tape and reel | 1977223-4 |
| FSM2JSMAAS | 2.6 N | | | bulk | 1977223-5 |
| FSM2JSMAASTR | | | | tape and reel | 1977223-6 |
| FSM4JSMXLS | 0.7 N | 5 mm | | bulk | 1-1977223-3 |
| FSM4JSMXLSTR | | | | tape and reel | 1-1977223-4 |
| FSM4JSMAS | 1.6 N | | | bulk | 1977223-9 |
| FSM4JSMASTR | | | | tape and reel | 1-1977223-0 |
| FSM4JSMAAS | 2.6 N | | | bulk | 1-1977223-1 |
| FSM4JSMAASTR | | | | tape and reel | 1-1977223-2 |
| FSM6JSMAS | 1.6 N | 7 mm | | bulk | 1-1977223-7 |
| FSM6JSMASTR | | | | tape and reel | 1-1977223-8 |
| FSM6JSMAAS | 2.6 N | | | bulk | 1-1977223-9 |
| FSM6JSMAASTR | | | | tape and reel | 2-1977223-0 |
| FSMJEL, Extendet Life, J-Lead | | | | | |
| FSM2JELJ | 1.6 N | 2.5 mm | SMT/J | bulk | 1571625-5 |
| FSM2JELJTR | | | | tape and reel | 1571625-6 |
| FSMJEL, Extendet Life, Gull Wing | | | | | |
| FSM2JELG | 1.6 N | 2.5 mm | SMT/G | bulk | 1571626-5 |
| FSM2JELGTR | | | | tape and reel | 1571626-6 |
| FSMJEL, Extendet Life, Gull Wing, Ground Terminal | | | | | |
| FSM2JELGE | 1.6 N | 2.5 mm | SMT/G | bulk | 1571636-5 |
| FSM2JELGETR | | | | tape and reel | 1571636-6 |
| FSM1LP, Low Profile | | | | | |
| FSM1LPS | 1.6 N | 3.09 mm | SMT | bulk | 1977263-1 |
| FSM1LPSTR | | | | tape and reel | 1977263-2 |
| FSM1LPAS | 2.6 N | | | bulk | 1977263-3 |
| FSM1LPASTR | | | | tape and reel | 1977263-4 |
| FSMJS, Sealed 7.6 mm | | | | | |
| FSM1JSSM | 1.6 N | 3.3 mm | SMT | bulk | 1571296-1 |
| FSM1JSSMTR | | | | tape and reel | 1571296-2 |
| FSM2JS | | 4.3 mm | THT | bulk | 1571295-1 |
| FSM2JSSM | | | SMT | | 1571294-1 |
| FSM2JSSMTR | | | | tape and reel | 1571294-2 |
| FSM4JS | | 5 mm | THT | bulk | 1571295-2 |
| FSM4JSSM | | | SMT | | 1571294-3 |
| FSM4JSSMTR | | | | tape and reel | 1571294-4 |
| FSMJS, Sealed 6 mm | | | | | |
| FSM1JS6 | 1.6 N | 4,3 mm | THT | bulk | 1977121-1 |
| FSM2JS6SM | | | SMT | | 1977265-1 |
| FSM2JS6SMTR | | | | tape and reel | 1977265-2 |
| FSMRAJS, Sealed Right Angle | | | | | |
| FSMRAJS1SM | 2.6 N | | SMT | bulk | 1571407-1 |
| FSMRAJS1SMTR | | | | tape and reel | 1571407-2 |
| FSMRAJ, Right Angle | | Shaft length | | | |
| FSMRA1JH | 1.6 N | 0.55 mm | THT | bulk | 1825027-2 |
| FSMRA2JH | | 1.25 mm | | | 1825027-5 |
| FSMRA3JH | | 3.25 mm | | | 1825027-8 |
| FSMRA4JH | | 5.74 mm | | | 1-1825027-1 |
| FSMRA5JH | | 3.55 mm | | | 1-1825027-4 |
| FSMRA6JH | | 4.25 mm | | | 1-1825027-7 |
| FSMRA7JH | | 9.25 mm | | | 2-1825027-0 |
| FSMRA8JH | | 13.26 mm | | | 2-1825027-3 |

## Preferred Part Numbers - Tactile Switches (Continued)

### FSM 10 Series, 12 x 12

| Product key | Act Force | Height | Mounting | Packaging | Part number |
|---|---|---|---|---|---|
| FSM10 | | | | | |
| FSM100 | 1.6 N | 4.3 mm | THT | bulk | 1437565-2 |
| FSM101 | | 7.5 mm | | | 1437565-3 |
| FSM102 | | 12 mm | | | 1437565-4 |
| FSM103 | | 7.3 mm | THT, square button | | 1437565-5 |
| FSM104 | | - | THT, right angle | | 1437565-6 |
| FSM10, Sealed | | | | | |
| FSM100SSM | 1.6 N | 4.3 mm | SMT | bulk | 1571218-1 |
| FSM100SSMTR | | | | tape and reel | 1571218-3 |
| FSM100S | | | THT | bulk | 1571220-1 |

### FSM Turtle

| Product key | Act Force | Height | Mounting | Packaging | Part number |
|---|---|---|---|---|---|
| FSMMST | 1.6 N | 1.8 mm | SMT | bulk | 1571262-1 |
| FSMMSTTR | | | | tape and reel | 1571262-2 |

### FSMMSH Series

| Product key | Act Force | Height | Mounting | Packaging | Part number |
|---|---|---|---|---|---|
| FSMMSHPTR | 1.6N | 3.3 mm | SMT, w/loc. pegs | tape and reel | 1977066-1 |
| FSMMSHTR | | | SMT, no pegs | | 1977067-1 |

### FSM . MS Series

| Product key | Act Force | Height | Mounting | Packaging | Part number |
|---|---|---|---|---|---|
| FSM1MSJMPTR | 2.2±.8 N | 1.5 mm | SMT/J w/loc | tape and reel | 1571908-1 |
| FSM1MSJMTR | | | SMT/J wo/loc | | 1571908-2 |
| FSM2MSSMATR | 2.5±.5 N | 1.65 mm | SMT wo/loc | | 1571895-1 |
| FSM3MSJMPTR | 2.2±.8 N | | SMT/J w/loc | | 1571910-1 |
| FSM3MSJMTR | | | SMT/J wo/loc | | 1571910-2 |
| FSM3MSSMPTR | | | SMT w/loc | | 1571909-1 |
| FSM3MSSMTR | | | SMT wo/loc | | 1571909-2 |

### FSMCT Series

| Product key | Act Force | Height | Mounting | Packaging | Part number |
|---|---|---|---|---|---|
| FSMCTTR | 1.6 N | 1.5 mm | SMT | tape and reel | 8-1437565-0 |
| FSMCTATR | 2.6 N | | | | 8-1437565-1 |

### FSMLPU

| Product key | Act Force | Height | Mounting | Packaging | Part number |
|---|---|---|---|---|---|
| FSMLPUTR | 1.6 N | 0.5 mm | SMT | tape and reel | 1825534-1 |

## Preferred Part Numbers - Slide Switches

### ASE Series

| Product key | Type | Contact material | Mounting | Part number |
|---|---|---|---|---|
| ASE | | | | |
| ASE2204 | DPDT | Ag | THT | 1825010-1 |
| ASE22G04 | | Au | | 1825010-2 |
| ASE22GL04 | | | SMT/L | 1825010-5 |
| ASE22GS04 | | | SMT/rev. L | 1825010-7 |
| ASE22L04 | | Ag | SMT/L | 1825010-6 |
| ASE22S04 | | | SMT/rev. L | 1825010-8 |
| ASE4204 | 4PDT | | THT | 1-1825010-3 |
| ASE42G04 | | Au | | 1-1825010-4 |
| ASE42GL04 | | | SMT/L | 1-1825010-7 |
| ASE42L04 | | Ag | | 1-1825010-8 |
| ASE42S04 | | | SMT/rev. L | 2-1825010-0 |
| ASE6204 | 6PDT | | THT | 3-1825010-7 |
| ASE62G04 | | Au | | 3-1825010-8 |
| ASE62GL04 | | | SMT/L | 4-1825010-1 |
| ASE62L04 | | Ag | | 4-1825010-2 |
| ASE Side Actuator | | | | |
| ASE22R04 | DPDT | Ag | THT | 1825010-3 |
| ASE22RG04 | | Au | | 1825010-4 |
| ASE22RGS04 | | | SMT/rev. L | 1-1825010-1 |
| ASE22RL04 | | Ag | SMT/L | 1-1825010-0 |
| ASE22RS04 | | | SMT/rev. L | 1-1825010-2 |
| ASE42R04 | 4PDT | | THT | 1-1825010-5 |
| ASE42RG04 | | Au | | 1-1825010-6 |
| ASE42RGL04 | | | SMT/L | 2-1825010-1 |
| ASE42RL04 | | Ag | | 2-1825010-2 |
| ASE42RS04 | | | SMT/rev. L | 2-1825010-4 |
| ASE43R04 | 4P3T | | THT | 2-1825010-7 |
| ASE43RG04 | | Au | | 2-1825010-8 |
| ASE62R04 | 6PDT | Ag | | 3-1825010-9 |
| ASE62RG04 | | Au | | 4-1825010-0 |
| ASE62RGL04 | | | SMT/L | 4-1825010-5 |
| ASE62RL04 | | Ag | | 4-1825010-6 |

### ASF Series

| Product key | Type | Contact material | Mounting | Part number |
|---|---|---|---|---|
| ASF | | | | |
| ASF2204 | DPDT | Ag | THT | 1825011-1 |
| ASF22G04 | | Au | | 1825011-2 |
| ASF22GL04 | | | SMT/L | 1825011-5 |
| ASF22GS04 | | | SMT/rev. L | 1825011-9 |
| ASF22L04 | | Ag | SMT/L | 1825011-7 |
| ASF22S04 | | | SMT/rev. L | 1-1825011-1 |
| ASF4204 | 4PDT | | THT | 2-1825011-1 |
| ASF42G04 | | Au | | 2-1825011-2 |
| ASF42GL04 | | | SMT/L | 2-1825011-5 |
| ASF42L04 | | Ag | | 2-1825011-7 |
| ASF42S04 | | | SMT/rev. L | 3-1825011-1 |
| ASF6204 | 6PDT | | THT | 6-1825011-1 |
| ASF62G04 | | Au | | 6-1825011-2 |
| ASF62GL04 | | | SMT/L | 6-1825011-5 |
| ASF62L04 | | Ag | | 6-1825011-7 |
| ASF62S04 | | | SMT/rev. L | 7-1825011-1 |
| ASF Side Actuator | | | | |
| ASF22R04 | DPDT | Ag | THT | 1825011-3 |
| ASF22RG04 | | Au | | 1825011-4 |
| ASF22RGL04 | | | SMT/L | 1-1825011-3 |
| ASF22RGS04 | | | SMT/rev. L | 1-1825011-7 |
| ASF22RS04 | | Ag | | 1-1825011-9 |
| ASF42R04 | 4PDT | | THT | 2-1825011-3 |
| ASF42RG04 | | Au | | 2-1825011-4 |
| ASF42RGL04 | | | SMT/L | 3-1825011-3 |
| ASF42RL04 | | Ag | | 3-1825011-5 |
| ASF42STR04 | | | SMT/rev. L | 3-1825011-2 |
| ASF62R04 | 6PDT | | THT | 6-1825011-3 |
| ASF62RG04 | | Au | | 6-1825011-4 |
| ASF62RGL04 | | | SMT/L | 7-1825011-3 |
| ASF62RGS04 | | | SMT/rev. L | 7-1825011-7 |

## Preferred Part Numbers - Slide Switches (Continued)

### S, SE Series

| Product key | Type | Mounting | Packaging | Part number |
|---|---|---|---|---|
| S | | | | |
| S1EGPC04 | 1 Pole, On-Off-On | THT | bulk | 5-1571005-2 |
| S2EGPC04 | 2 Pole, On-Off-On | | | 5-1571005-4 |
| S Right Angle | | | | |
| S1EGRA04 | 1 Pole, On-Off-On | THT | bulk | 5-1571006-2 |
| S2EGRA04 | 2 Pole, On-Off-On | | | 5-1571006-4 |
| SE Sealed | | | | |
| SE1EGPC04 | 1 Pole, On-Off-On | THT | bulk | 1825032-2 |
| SE2EGPC04 | 2 Pole, On-Off-On | | | 1825032-4 |
| SE1GSMTTR04 | 1 Pole, On-Off | SMT | tape and reel | 5-1571004-4 |
| SE1EGSMTTR04 | 1 Pole, On-Off-On | | | 5-1571004-5 |
| SE Sealed Right Angle | | | | |
| SE1EGRA04 | 1 Pole, On-Off-On | THT | bulk | 1825031-2 |
| SE2EGRA04 | 2 Pole, On-Off-On | | | 1825031-4 |

### STS, SDS Series

| Product key | Type | Mounting | Throw function | Part number |
|---|---|---|---|---|
| STS121PC04 | SPDT | THT | | 1825159-1 |
| STS1300PC04 | SP3T | | common pin 2 | 1825161-1 |
| STS131PC04 | | | | 1825159-2 |
| STS1400PC04 | SP4T | | common pin 3 | 1825161-2 |
| STS141PC04 | | | | 1825159-3 |
| STS151PC04 | SP5T | | | 1825159-4 |
| STS161PC04 | SP6T | | | 1825159-5 |
| STS220PC04 | DPDT | | | 1825163-1 |
| STS2300PC04 | DP3T | | common pin 2 | 1825164-1 |
| STS230PC04 | | | | 1825163-2 |
| STS2400PC04 | DP4T | | common pin 3 | 1825165-1 |
| STS240PC04 | | | | 1825163-3 |
| STS250PC04 | DP5T | | | 1825163-4 |
| STS260PC04 | DP6T | | | 1825163-5 |

### TSS Series

| Product key | Type | Positions | Packaging | Part number |
|---|---|---|---|---|
| TSS Single | | | | |
| TSS11DGPC04 | SPDT | On-None-On | bulk | 1571982-1 |
| TSS11EGPC04 | | On-Off-On | | 1571982-4 |
| TSS Single, Flush actuator | | | | |
| TSS11DG1PC04 | SPDT | On-None-On | bulk | 1571982-2 |
| TSS11EG1PC04 | | On-Off-On | | 1571982-3 |
| TSS Dual | | | | |
| TSS21KGPC04 | DPST | On-None-Off | bulk | 1571982-5 |
| TSS21NGPC04 | DPDT | On-None-On | | 1571982-7 |
| TSS21PGPC04 | | On-Off-On | | 1571982-9 |
| TSS Dual, Flush actuator | | | | |
| TSS21NG1PC04 | DPST | On-None-Off | bulk | 1571982-6 |
| TSS21PG1PC04 | DPDT | On-None-On | | 1571982-8 |
| TSD21DDGPC04 | | On-Off-On | | 1825015-1 |

### MSS, MSSA Series

| Product key | Type | Contact material | Version | Part number |
|---|---|---|---|---|
| MSS120004 | SPDT | Ag | vertical | 1825257-1 |
| MSS1200G04 | | Au | | 1825257-2 |
| MSS1200R04 | | Ag | right angle | 1825258-1 |
| MSS1200RG04 | | Au | | 1825258-2 |
| MSS130004 | SP3T | Ag | vertical | 1825259-1 |
| MSS1300G04 | | Au | | 1825259-2 |
| MSS1300R04 | | Ag | right angle | 1825260-1 |
| MSS1300RG04 | | Au | | 1825260-2 |
| MSS140004 | SP4T | Ag | vertical | 1571423-2 |
| MSS222504 | DPDT | | | 1825262-1 |
| MSS2225G04 | | Au | | 1825262-2 |
| MSS420004 | 4PDT | Ag | | 1825264-1 |
| MSS4200G04 | | Au | | 1825264-2 |
| MSS4200R04 | | Ag | right angle | 1825265-1 |
| MSS4200RG04 | | Au | | 1825265-2 |
| MSS430004 | 4P3T | Ag | vertical | 1825267-1 |
| MSS4300G04 | | Au | | 1825267-2 |
| MSS4300R04 | | Ag | right angle | 1825268-1 |
| MSS4300RG04 | | Au | | 1825268-2 |
| MSS620004 | 6PDT | Ag | vertical | 1825271-1 |
| MSS6200G04 | | Au | | 1825271-2 |
| MSS635004 | 6P3T | Ag | | 1825273-1 |
| MSS6350R04 | | | right angle | 1825274-1 |

## Preferred Part Numbers - Slide Switches (Continued)

### MSSA-01/04

| Product key | Type | Contact material | Positions | Part number |
|---|---|---|---|---|
| MSSA111DG | SPDT | Au | On-None-On | 2-1437580-9 |
| MSSA111EG | | | On-Off-On | 3-1437580-0 |
| MSSA114D | | Ag | On-None-On | 3-1437580-1 |
| MSSA114E | | | On-Off-On | 3-1437580-2 |
| MSSA211NG | DPDT | Au | On-None-On | 4-1437580-9 |
| MSSA211N | | Ag | | 5-1437580-2 |

### MHS Series

| Product key | Type | Contact material | Positions | Part number |
|---|---|---|---|---|
| MHS | | | | |
| MHS12204 | SPDT | Ag | On-None-On | 1825255-1 |
| MHS122G04 | | Au | | 1825255-2 |
| MHS12304 | | Ag | On-Off-On | 1825255-5 |
| MHS13304 | SP3T | | On-On-On | 1825255-7 |
| MHS133G04 | | Au | | 1825255-8 |
| MHS22204 | DPDT | Ag | On-None-On | 1825289-1 |
| MHS222G04 | | Au | | 1825289-2 |
| MHS22304 | | Ag | On-Off-On | 1825289-5 |
| MHS223G04 | | Au | | 1825289-6 |
| MHS23304 | DP3T | Ag | On-On-On | 1825289-8 |
| MHS233G04 | | Au | | 1825289-9 |
| MHS Right Angle | | | | |
| MHS122GRA04 | SPDT | Au | On-None-On | 1825256-4 |
| MHS122RA04 | | Ag | | 1825256-1 |
| MHS123GRA04 | | Au | On-Off-On | 1825256-5 |
| MHS123RA04 | | Ag | | 1825256-2 |
| MHS133GRA04 | SP3T | Au | On-On-On | 1825256-6 |
| MHS133RA04 | | Ag | | 1825256-3 |
| MHS222GRA04 | DPDT | Au | On-None-On | 1825290-4 |
| MHS222RA04 | | Ag | | 1825290-1 |
| MHS223GRA04 | | Au | On-Off-On | 1825290-5 |
| MHS223RA04 | | Ag | | 1825290-2 |
| MHS233GRA04 | DP3T | Au | On-On-On | 1825290-6 |
| MHS233RA04 | | Ag | | 1825290-3 |

### SSJ Series

| Product key | Type | Contact material | Style | Part number |
|---|---|---|---|---|
| SSJ1204 | SPDT | Ag | vertical | 1825280-1 |
| SSJ12R04 | | | right angle | 1825282-1 |
| SSJ1304 | SP3T | | vertical | 1825283-1 |

### SSA Series

| Product key | Type | Contact material | Style | Part number |
|---|---|---|---|---|
| SSA1204 | SPDT | Ag | vertical | 1571981-1 |
| SSA12G04 | | Au | | 1571981-2 |
| SSA2204 | DPDT | Ag | | 1571981-3 |
| SSA22G04 | | Au | | 1571981-4 |

### SLS/SL/SLSA Series

| Product key | Type | Mounting | Style | Part number |
|---|---|---|---|---|
| SLS121PC04 | SPDT | THT | vertical | 1825115-1 |
| SLS121RA04 | | | right angle | 1825116-1 |
| SLS131PC04 | SP3T | | vertical | 1825117-1 |
| SLS131RA04 | | | right angle | 1825118-1 |
| SLS141PC04 | SP4T | | vertical | 1825119-1 |
| SLS141RA04 | | | right angle | 1825120-1 |
| SLS151PC04 | SP5T | | vertical | 1825121-1 |
| SLS151RA04 | | | right angle | 1825122-1 |
| SLS220PC04 | DPDT | | vertical | 1825080-1 |
| SLS230PC04 | DP3T | | | 1825080-2 |
| SLS240PC04 | DP4T | | | 1825080-3 |
| SLS250PC04 | DP5T | | | 1825080-4 |
| SLS260PC04 | DP6T | | | 1825080-5 |

### MLL Series

| Product key | Type | Mounting | Packaging | Part number |
|---|---|---|---|---|
| MLL1200S | SPDT | SMT | tube | 1437575-1 |
| MLL1200STR | | | tape and reel | 1437575-2 |

# Preferred Part Numbers - Toggle Switches

## TST Series

| Product key | Type | Contact material | Positions | Part number |
|---|---|---|---|---|
| TST | | | | |
| TST11DGPC1D04 | 1 Pole, PCB | Ag | On-None-On | 1825455-1 |
| TST, Right Angle | | | | |
| TST11DGRA1D04 | 1 Pole | Ag | On-None-On | 1825455-3 |
| TST11DGVRA1D04 | 1 Pole Vertical r.a. | | | 1825455-4 |

## TT Series

| Product key | Type | Contact material | Positions | Part number |
|---|---|---|---|---|
| TT | | | | |
| TT13A2T04 | 1 Pole, Wire Lugs | Ag | On-None-Off | 1825222-2 |
| TT13D2T04 | | | On-None-On | 1825222-3 |
| TT13E2T04 | | | On-Off-On | 1825222-4 |
| TT23K2T04 | 2 Pole, Wire Lugs | | On-None-Off | 1825222-6 |
| TT23N2T04 | | | On-None-On | 1825222-7 |
| TT11AGPC104 | 1 Pole, PCB | | On-None-Off | 1825219-2 |
| TT11DGPC104 | | | On-None-On | 1825219-3 |
| TT11EGPC104 | | | On-Off-On | 1825219-6 |
| TT21KGPC104 | 2 Pole, PCB | | On-None-Off | 1-1825219-0 |
| TT21NGPC104 | | | On-None-On | 1-1825219-1 |
| TT Right Angle | | | | |
| TT11DGVRA104 | 1 Pole, PCB | Ag | On-None-On | 1825219-5 |
| TT11EGVRA104 | 2 Pole, PCB | | On-Off-On | 1825219-9 |

## Gemini Series A

| Product key | Type | Contact material | Positions | Part number |
|---|---|---|---|---|
| Gemini A | | | | |
| A101SYCB04 | 1 Pole, PCB | Au | On - On | 4-1825136-4 |
| A101SYCQ04 | | Ag | | 4-1825136-5 |
| A101SYZB04 | 1 Pole, Wire Lug | Au | | 4-1825136-8 |
| A101SYZQ04 | | Ag | | 4-1825136-9 |
| A103SYCB04 | 1 Pole, PCB | Au | On - Off - On | 1-1825137-5 |
| A103SYCQ04 | | Ag | | 1-1825137-6 |
| A103SYZB04 | 1 Pole, Wire Lug | Au | | 1-1825137-9 |
| A103SYZQ04 | | Ag | | 2-1825137-0 |
| A201SYCB04 | 2 Pole, PCB | Au | On - On | 2-1825138-4 |
| A201SYCQ04 | | Ag | | 2-1825138-5 |
| A201SYZB04 | 2 Pole, Wire Lug | Au | | 2-1825138-7 |
| A201SYZQ04 | | Ag | | 2-1825138-8 |
| A203SYCB04 | 2 Pole, PCB | Au | On - Off - On | 1825139-8 |
| A203SYCQ04 | | Ag | | 1825139-9 |
| A203SYZQ04 | 2 Pole, Wire Lug | | | 1-1825139-0 |
| A211SYCQ04 | 2 Pole, PCB | | On - On - On | 3-1825139-7 |
| A211SYZQ04 | 2 Pole, Wire Lug | | | 3-1825139-9 |
| Gemini A, Right Angle | | | | |
| A101SYAV2B04 | 1 Pole, PCB | Au | On - On | 1825136-8 |
| A103SYAV2B04 | | | On - Off - On | 2-1825136-5 |
| A103SYAV2Q04 | | Ag | | 1-1825137-4 |

## Gemini Series AE

| Product key | Type | Contact material | Positions | Part number |
|---|---|---|---|---|
| Gemini AE | | | | |
| AE101SD1CB04 | 1 Pole, PCB | Au | On-On | 2-1825142-0 |
| AE101SD1CQ04 | | Ag | | 2-1825142-1 |
| AE103SD1CB04 | | Au | On-Off-On | 3-1825142-0 |
| AE103SD1CQ04 | | Ag | | 3-1825142-1 |
| AE201SD1CB04 | 2 Pole, PCB | Au | On-On | 1-1825143-0 |
| AE201SD1CQ04 | | Ag | | 1-1825143-1 |
| AE203SD1CB04 | | Au | On-Off-On | 1-1825143-9 |
| Gemini AE, Right Angle | | | | |
| AE101SD1AV2B04 | 1 Pole, PCB | Au | On-On | 1-1825142-8 |
| AE101SD1AV2Q04 | | Ag | | 1-1825142-9 |
| AE103SD1AV2B04 | | Au | On-Off-On | 2-1825142-9 |
| AE201SD1AV2B04 | 2 Pole, PCB | | On-On | 1825143-9 |
| AE203SD1AV2B04 | | | On-Off-On | 1-1825143-7 |
| AE203SD1AV2Q04 | | Ag | | 1-1825143-8 |

# Preferred Part Numbers - Toggle Switches, Push Buttons

## MT Series

| Product key | Type | Contact material | Position | Part number |
|---|---|---|---|---|
| MTA | | | | |
| MTA306D04 | 3PDT, wire lug | Ag gold flash | On-None-On | 3-1571920-0 |
| MTA306DPC04 | 3PDT, THT | | | 3-1571920-1 |
| MTA306E04 | 3PDT, wire lug | | On-Off-On | 3-1571920-2 |
| MTA306EPC04 | 3PDT, THT | | | 3-1571920-3 |
| MTA406N04 | 4PDT, wire lug | | On-None-On | 3-1571920-8 |
| MTA406NPC04 | 4PDT, THT | | | 3-1571920-9 |
| MTA406P04 | 4PDT, wire lug | | On-Off-On | 4-1571920-0 |
| MTA406PPC04 | 4PDT, THT | | | 4-1571920-3 |
| MTA Right Angle | | | | |
| MTA8106DVRA04 | SPDT, THT | Ag gold flash | On-None-On | 1571922-4 |
| MTA8106EVRA04 | | | On-Off-On | 1571922-8 |
| MTE (Sealed) | | | | |
| MTE306D04 | 3PDT, wire lug | Ag gold flash | On-None-On | 1-1571924-6 |
| MTE306E04 | | | On-Off-On | 1-1571924-7 |
| MTE406N04 | 4PDT, wire lug | | On-None-On | 1-1571924-8 |
| MTE406P04 | | | On-Off-On | 1-1571924-9 |

## AW Series

| Product key | Type | Contact material | Position | Part number |
|---|---|---|---|---|
| AWTD1504 | 1 pole, tab | Ag | On-On | 7-6437630-0 |
| AWTN1504 | 2 pole, tab | | | 7-6437630-2 |
| AWTR1504 | | | On-(On) | 5-6437630-0 |
| AWTS1504 | | | (On)-Off-(On) | 1-6437630-1 |
| AWTT1504 | | | On-Off-(On) | 1-6437630-0 |

## F Series

| Product key | Type | Contact material | Position | Part number |
|---|---|---|---|---|
| FTD0904 | 1 pole, std. | Ag | On-On | 2-6437630-0 |
| FTD09G04 | | Au | | 3-6437630-4 |
| FTD5904 | 1 pole, locking | Ag | | 1-6437630-5 |
| FTD59G04 | | Au | | 4-6437630-0 |
| FTD7904 | 1 pole, Long | Ag | | 5-6437630-3 |
| FTE0904 | 1 pole, std. | | On-Off-On | 6-6437630-2 |
| FTH0904 | | | On-Off-(On) | 4-6437630-8 |
| FTN0904 | 2 pole, std. | | On-On | 4-6437630-2 |
| FTN5904 | 2 pole, locking | | | 3-6437630-9 |
| FTN59G04 | | Au | | 6-6437630-1 |
| FTP0904 | 2 pole, std. | Ag | On-Off-On | 4-6437630-6 |
| FTPA0904 | | | On-On-On | 4-6437630-5 |
| FTS0904 | | | (On)-Off-(On) | 4-6437630-3 |
| F4TN0904 | 4 pole, std. | | | 3-6437630-5 |

## TP Series

| Product key | Type | Contact material | Version | Part number |
|---|---|---|---|---|
| TPA | | | | |
| TPA11CGPC004 | SPST, THT | Au | Rnd. no bushing | 1825096-1 |
| TPA11FGPC004 | SPDT, THT | | | 1825096-7 |
| TPA, Right Angle | | | | |
| TPA11CGRA004 | SPST, THT | Au | Rnd. no bushing | 1825096-4 |
| TPA11FGRA004 | SPDT, THT | | | 1-1825096-0 |
| TPB | | | | |
| TPB11CGPC004 | SPST, THT | Au | Rnd. 0.188", | 1825097-1 |
| TPB11FGPC004 | SPDT, THT | | unthreaded | 1825097-9 |
| TPB21MGPC004 | DPST, THT | | | 1-1825097-7 |
| TPB, Right Angle | | | | |
| TPB11CGRA004 | SPST, THT | Au | Rnd. 0.188", | 1825097-6 |
| TPB11FGRA004 | SPDT, THT | | unthreaded | 1-1825097-1 |

## Preferred Part Numbers - Push Buttons

**MP Series**

| Product key | Type | Mounting | Function | Part number |
|---|---|---|---|---|
| MPA | | | | |
| MPA106D04 | SPDT | Wire Lug | Push On/ Push Off | 1825040-1 |
| MPA106DPC04 | | THT | | 1825040-3 |
| MPA106F04 | | Wire Lug | Momentary | 1825040-2 |
| MPA106FPC04 | | THT | | 1825040-4 |
| MPA206N04 | DPDT | Wire Lug | Push On/ Push Off | 1825040-5 |
| MPA206NPC04 | | THT | | 1825040-6 |
| MPA206R04 | | Wire Lug | Momentary | 1825040-7 |
| MPA206RPC04 | | THT | | 1825040-8 |
| MPA306D04 | 3PDT | Wire Lug | Push On/ Push Off | 1825040-9 |
| MPA306F04 | | | Momentary | 1-1825040-0 |
| MPA406N04 | 4PDT | | Push On/ Push Off | 1-1825040-1 |
| MPA406R04 | | | Momentary | 1-1825040-2 |
| MPE (Splash proof) | | | | |
| MPE106D04 | SPDT | Wire Lug | Push On/ Push Off | 1825041-1 |
| MPE106F04 | | | Momentary | 1825041-2 |
| MPE206N04 | DPDT | | Push On/ Push Off | 1825041-3 |
| MPE206R04 | | | Momentary | 1825041-4 |
| MPE306D04 | 3PDT | | Push On/ Push Off | 1825041-5 |
| MPE306F04 | | | Momentary | 1825041-6 |
| MPE406N04 | 4PDT | | Push On/ Push Off | 1825041-7 |
| MPE406R04 | | | Momentary | 1825041-8 |
| MPG | | | | |
| MPG106D04 | SPDT | Wire Lug | Push On/ Push Off | 1825042-1 |
| MPG106F04 | | | Momentary | 1825042-3 |
| MPG206N04 | DPDT | | Push On/ Push Off | 1825042-5 |
| MPG206NPC04 | | THT | | 1825042-6 |
| MPG206R04 | | Wire Lug | Momentary | 1825042-7 |
| MPG206RPC04 | | THT | | 1825042-8 |
| MPG306D04 | 3PDT | Wire Lug | Push On/ Push Off | 1825042-9 |
| MPG306F04 | | | Momentary | 1-1825042-0 |
| MPG406N04 | 4PDT | | Push On/ Push Off | 1-1825042-1 |
| MPG406R04 | | | Momentary | 1-1825042-2 |

## Preferred Part Numbers - Micro Switches

### MP Miniature Micro Switch

| Product key | Terminals | Contacts | Actuator | Operating/Release | Part number |
|---|---|---|---|---|---|
| MP16DTCOLG | spade terminal | SPDT 16 A | pin plunger | 2.0 N / 0.5 N | 1-1478607-1 |
| MP16DTCNLD | | | normal lever | | 1-1478607-3 |
| MP16DTCNRD | | | normal roller | | 1-1478607-6 |
| MP16DTCSMD | | | simulator lever | | 1-1478607-7 |

### SP Sub Miniature Micro Switch

| Product key | Terminals | Contacts | Actuator | Operating/Release | Part number |
|---|---|---|---|---|---|
| SP5DTBOLE | PCB | SPDT 5 A | pin plunger | 1.5 N / 0.2 N | 1-1478601-1 |
| SP5DTBNLC | | | normal lever | | 1-1478601-2 |
| SP5DTBNRD | | | normal roller | | 1-1478601-4 |
| SP5DTBSMA | | | simulator lever | | 1-1478601-5 |

### UP Ultra Miniature Micro Switch

| Product key | Terminals | Contacts | Actuator | Operating/Release | Part number |
|---|---|---|---|---|---|
| UP3DTANLA04 | PCB | SPDT | normal lever | 0.5 N / 0.08 N | 1-1825043-5 |
| UP3DTAOLA04 | | 3A | pin plunger | 1.5 N / 0.2 N | 1-1825043-3 |
| UP01DTANLA04 | | SPDT | normal lever | 0.5 N / 0.08 N | 1825043-3 |
| UP01DTAOLA04 | | 0.1A | pin plunger | 1.5 N / 0.2 N | 1825043-1 |

# Preferred Part Numbers - Power Rocker Switches

## PRA Series

| Product key | Switch function | Rocker color | Text pattern | Part number |
|---|---|---|---|---|
| PRA Series, 13.0x19.2mm panel cutout, 10A single pole | | | | |
| PRASA1-16F-BB000 | On-Off, opaque | black | not applicable | 1571076-9 |
| PRASA1-16F-BB0BW | | | 0 - , white printing | 1-1571076-0 |
| PRASA1-16F-BB0CW | | | 0 I , white printing | 1-1571076-1 |
| PRASA1-16F-BR000 | | red | not applicable | 6-1571076-5 |
| PRASA1-16F-BB0HW | | black | ON OFF, white pr. | 2-1571076-0 |
| PRASD1-16F-BB000 | | | not applicable | 1571079-4 |
| PRASD1-16F-BB0DW | | | - = , white printing | 1571079-5 |
| PRASD1-16F-BB0EW | | | I II , white printing | 1571079-6 |
| PRASD3-16F-BB000 | On-Off-On, opaque | | not applicable | 1571079-7 |
| PRASD3-16F-BB0FW | | | - 0 =, white printing | 1571079-8 |
| PRASD3-16F-BB0GW | | | I 0 II, white printing | 1571079-9 |
| PRASD2-16F-BB000 | On-(On), opaque | | not applicable | 1-1571079-0 |
| PRASD2-16F-BB0DW | | | - = , white printing | 1-1571079-1 |
| PRASD2-16F-BB0EW | | | I II , white printing | 1-1571079-2 |
| PRASD4-16F-BB000 | On-Off-(On), opaque | | not applicable | 1-1571079-3 |
| PRASD4-16F-BB0FW | | | - 0 =, white printing | 1-1571079-4 |
| PRASD4-16F-BB0GW | | | I 0 II, white printing | 1-1571079-5 |
| PRA Series, 13.0x19.2mm panel cutout, 6A double pole | | | | |
| PRADA1-12F-BB000 | On-Off, opaque | black | not applicable | 1977068-1 |
| PRADA1-12F-BB0BW | | | 0 - , white printing | 1977068-2 |
| PRADA1-12F-BB0CW | | | 0 I , white printing | 1977068-3 |
| PRADA1-12F-BR000 | | red | not applicable | 1977068-4 |
| PRADA1-12F-BR0BW | | | 0 - , white printing | 1977068-5 |
| PRADD1-12F-BB000 | | black | not applicable | 1977069-1 |
| PRADD1-12F-BB0DW | | | - = , white printing | 1977069-2 |
| PRADD1-12F-BB0EW | | | I II , white printing | 1977069-3 |
| PRADD3-12F-BB000 | On-Off-On, opaque | | not applicable | 1977069-4 |
| PRADD3-12F-BB0FW | | | - 0 =, white printing | 1977069-5 |
| PRADD3-12F-BB0GW | | | I 0 II, white printing | 1977069-6 |
| PRADD2-12F-BB000 | | | | 1977069-7 |
| PRADD2-12F-BB0DW | On-(On), opaque | | - = , white printing | 1977069-8 |
| PRADD2-12F-BB0EW | | | I II , white printing | 1977069-9 |
| PRADD4-12F-BB000 | On-Off-(On), opaque | | not applicable | 1-1977069-0 |
| PRADD4-12F-BB0FW | | | - 0 =, white printing | 1-1977069-1 |
| PRADD4-12F-BB0GW | | | I 0 II, white printing | 1-1977069-2 |

## PRC Series

| Product key | Switch function | Rocker color | Text pattern | Part number |
|---|---|---|---|---|
| PRCSA1-20F-BB0BW | On-Off, opaque | black | 0 - , white printing | 1571095-2 |
| PRCSD1-20F-BB0DW | On-On, opaque | | - = , white printing | 1571100-2 |
| PRCDA1-20F-BB0BW | On-Off, opaque | | 0 - , white printing | 1571102-2 |
| PRCDD1-20F-BB0DW | On-On, opaque | | - = , white printing | 1571099-2 |

## PRE Series

| Product key | Switch function | Rocker color | Text pattern | Part number |
|---|---|---|---|---|
| PREDA1-07F-BB000 | On-Off, opaque | black | not applicable | 1634200-1 |
| PREDA1-07F-BB0BW | | | 0 - , white printing | 1634200-2 |
| PREDA1-07F-BB0CW | | | 0 I , white printing | 1634200-3 |
| PREDB1-07F-BR000 | On-Off, illuminated | red | not applicable | 1634200-7 |
| PREDB1-07F-BG000 | | green | | 1634200-9 |
| PREDD1-07F-BB000 | On-On, opaque | black | | 1-1634200-1 |
| PREDD1-07F-BB0DW | | | I II , white printing | 1-1634200-2 |
| PREDD1-07F-BB0EW | | | - = , white printing | 1-1634200-3 |
| PREDD3-07F-BB0FW | On-Off-On, opaque | | I 0 II, white printing | 1-1634200-7 |
| PREDD3-07F-BB0GW | | | - 0 =, white printing | 1-1634200-8 |
| PREDD4-07F-BB000 | On-Off-(On), opaque | | not applicable | 2-1634200-1 |
| PREDD4-07F-BB0FW | | | I 0 II, white printing | 2-1634200-2 |
| PREDD4-07F-BB0GW | | | - 0 =, white printing | 2-1634200-3 |
| PREDD5-07F-BB000 | (On)-Off-(On), opaque | | not applicable | 2-1634200-4 |
| PREDD5-07F-BB0FW | | | I 0 II, white printing | 2-1634200-5 |
| PREDD5-07F-BB0GW | | | - 0 =, white printing | 2-1634200-6 |

## Preferred Part Numbers - Power Rocker Switches (Continued)

### PRF Series

| Product key | Switch function | Rocker color | Text pattern | Part number |
|---|---|---|---|---|
| PRFDA1-16F-BB000 | On-Off, opaque | black | not applicable | 1634201-1 |
| PRFDA1-16F-BB0BW | | | 0 - , white printing | 1634201-2 |
| PRFDA1-16F-BB0CW | | | 0 I , white printing | 1634201-3 |
| PRFDB1-16F-BR000 | On-Off, illuminated | red | not applicable | 1634201-4 |
| PRFDB1-16F-BG000 | | green | | 1634201-5 |
| PRFDB1-16F-BY000 | | yellow | | 1634201-6 |
| PRFDD1-16F-BB000 | On-On, opaque | black | | 1634201-7 |
| PRFDD1-16F-BB0DW | | | I II , white printing | 1634201-8 |
| PRFDD1-16F-BB0EW | | | - = , white printing | 1634201-9 |
| PRFDD3-16F-BB000 | On-Off-On, opaque | | not applicable | 1-1634201-0 |
| PRFDD3-16F-BB0FW | | | I 0 II, white printing | 1-1634201-1 |
| PRFDD3-16F-BB0GW | | | - 0 =, white printing | 1-1634201-2 |

### PRG Series

| Product key | Switch function | Rocker color | Text pattern | Part number |
|---|---|---|---|---|
| PRGSB1-16F-BG000 | On-Off, illuminated | green | not applicable | 1634202-6 |
| PRGSB1-16F-BR000 | | red | | 1634202-5 |
| PRGSA1-16F-BR000 | On-Off, opaque | | | 1634202-4 |
| PRGSA1-16F-BB0BW | | black | 0 - , white printing | 1634202-3 |
| PRGSA1-16F-BB0AW | | | • , white printing | 1634202-2 |
| PRGSA1-16F-BB000 | | | not applicable | 1634202-1 |

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