



Switches Core Program

Contents

DIP Switches

| | | |
|--------------------|------|---|
| GDS Series | page | 2 |
| GDP Series | page | 2 |
| GDR Series | page | 2 |
| GDH Series | page | 2 |
| GDHL Series | page | 2 |
| ADE Series | page | 3 |
| ADF Series | page | 3 |
| ADP Series | page | 3 |
| STV, STR Series | page | 3 |
| DIP Series | page | 3 |
| HTH DIP Shunts | page | 4 |
| DIP-Fix | page | 4 |
| MRD Series | page | 4 |
| DR-/D/M/S/W Series | page | 4 |

Tactile Switches

| | | |
|------------------------------|------|---|
| FSM . SM/JM Series, 3.5 x 6 | page | 5 |
| FSM . SM/JM LP Series, 4 x 6 | page | 5 |
| FSM 6 x 6 Series | page | 5 |
| FSM 10 Series, 12 x 12 | page | 5 |
| FSM Turtle | page | 6 |
| FSMMSH Series | page | 6 |
| FSM . MS Series | page | 6 |
| FSMCT Series | page | 6 |
| FSMLPU | page | 6 |

Slide Switches

| | | |
|--------------------|------|---|
| ASE, ASF Series | page | 7 |
| S, SE Series | page | 7 |
| STS, SDS Series | page | 7 |
| TSS Series | page | 7 |
| MSS, MSSA Series | page | 7 |
| MSSA-01/04 | page | 7 |
| MHS Series | page | 8 |
| SSJ Series | page | 8 |
| SSA Series | page | 8 |
| SLS/SL/SLSA Series | page | 8 |
| MLL Series | page | 8 |

Toggle Switches

| | | |
|------------------|------|----|
| TST Series | page | 9 |
| TT Series | page | 9 |
| Gemini A Series | page | 9 |
| Gemini AE Series | page | 9 |
| MT Series | page | 9 |
| AW Series | page | 10 |
| F Series | page | 10 |

Push Buttons

| | | |
|-----------|------|----|
| TP Series | page | 11 |
| MP Series | page | 11 |

Micro Switches

| | | |
|---------------------------------|------|----|
| MP Miniature Micro Switch | page | 12 |
| SP Sub Miniature Micro Switch | page | 12 |
| UP Ultra Miniature Micro Switch | page | 12 |

Power Rocker Switches

| | | |
|------------|------|----|
| PRA Series | page | 13 |
| PRC Series | page | 13 |
| PRE Series | page | 13 |
| PRF Series | page | 13 |
| PRG Series | page | 13 |

Preferred Parts List

| | | |
|-----------------------|------|----|
| DIP Switches | page | 14 |
| Tactile Switches | page | 17 |
| Slide Switches | page | 19 |
| Toggle Switches | page | 22 |
| Push Buttons | page | 22 |
| Micro Switches | page | 25 |
| Power Rocker Switches | page | 26 |

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.

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 |
| Mounting style |
| Tape seal |
| Contact rating |
| Electrical endurance |
| Operating temperature range |
| Dimensions (WxH) |
| Packaging |

| |
|---------------------|
| 2, 4, 6, 8, 10 |
| THT, SMT |
| Yes |
| 25 mA @ 24 Vdc |
| 1000 ops. |
| -30...+85°C |
| 6.2 x 2.7 mm |
| Tube, Tape and Reel |

| |
|---------------------|
| 2, 4, 6, 8, 10 |
| THT, SMT |
| Yes |
| 25 mA @ 24 Vdc |
| 1000 ops. |
| -30...+85°C |
| 9.6 x 8.7 mm |
| Tube, Tape and Reel |

| |
|---------------------|
| 2, 4, 6, 8, 10 |
| THT, SMT |
| Yes |
| 25 mA @ 24 Vdc |
| 1000 ops. |
| -30...+85°C |
| 9.6 x 6.9 mm |
| 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 |
| Mounting style |
| Tape seal |
| Contact rating |
| Electrical endurance |
| Operating temperature range |
| Dimensions (WxH) |
| Packaging |

| |
|----------------|
| 2, 4, 6, 8, 10 |
| SMT |
| Yes |
| 25 mA @ 24 Vdc |
| 1000 ops. |
| -30...+85°C |
| 6.2 x 3.2 mm |
| Tape and Reel |

| |
|---------------------|
| 2, 4, 6, 8, 10 |
| SMT |
| Yes |
| 25 mA @ 24 Vdc |
| 1000 ops. |
| -30...+85°C |
| 4.5 x 1.45 mm |
| 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



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

ADF Series

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



| | |
|------------------------------|---------------------|
| Standard number of positions | 2...12 |
| Mounting style | THT, SMT |
| Tape seal | Optional |
| Contact rating | 100 mA @ 24 Vdc |
| Electrical endurance | 1000 ops. |
| Integral resistors | Optional |
| Operating temperature range | -30...+85°C |
| Dimensions (WxH) | 7.5 x 3.5 mm |
| Packaging | Tube, Tape and Reel |

ADP Series

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



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

Dips

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

STV, STR Series

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



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

DIP Series

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



| | |
|------------------------------|------------------|
| Standard number of positions | 1-30 |
| Mounting style | THT, Action pins |
| Tape seal | No |
| Contact rating | 25 mA @ 50 Vdc |
| Electrical endurance | 2000 ops. |
| Operating temperature range | -25...+70°C |
| Dimensions (WxH) | 10.0 x 8.5 mm |
| Packaging | Tube |

Dips

| | |
|------------------------------|----------------|
| Standard number of positions | 2, 4, 6, 8, 10 |
| Mounting style | THT |
| Tape seal | No |
| Contact rating | 25 mA @ 24 Vdc |
| Electrical endurance | 1000 ops. |
| Operating temperature range | -30...+85°C |
| Dimensions (WxH) | 3.2 x 6.2 mm |
| Packaging | 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 |
| Mounting style | THT |
| Tape seal | No |
| Contact rating | up to 2 A |
| Electrical endurance | - |
| Operating temperature range | -30...+85°C |
| Dimensions (WxH) | 6.0 x 2.0 mm |
| Packaging | Tube |

| | |
|------------------------------|-----------------|
| Standard number of positions | 4, 6, 8, 10, 12 |
| Mounting style | THT |
| Tape seal | No |
| Contact rating | up to 2 A |
| Electrical endurance | - |
| Operating temperature range | -30...+85°C |
| Dimensions (WxH) | 6.0 x 2.0 mm |
| Packaging | Tube |

| | |
|------------------------------|------------------|
| Standard number of positions | 1-10, 12, 16, 24 |
| Mounting style | THT |
| Tape seal | No |
| Contact rating | up to 0.5 A |
| Electrical endurance | 50 ops. |
| Operating temperature range | -40...+85°C |
| Dimensions (WxH) | 12.4 x 8.1 mm |
| Packaging | 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 |
| Standard number of positions | 10, 16 |
| Mounting style | THT, SMT |
| Actuator style | Flush actuator only |
| Flush actuator versions | Yes |
| Output Code | BCD, BCD compl., Hex, Hex compl. |
| Tape seal | Optional |
| Contact rating | 20 mA @ 20 Vdc |
| Electrical endurance | 20,000 ops. |
| Operating temperature range | -30...+85°C |
| Dimensions (LxWxH) | 7 x 7 x 3.3 mm |
| Packaging | Tube, Tape and Reel |

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

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

Tactile Switches

FSM . SM/JM Series

- Small PCB footprint



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

FSM . SM/JM LP Series

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

NEW



| | |
|------------------------------------|----------------------|
| Style | 4 x 6 |
| Mounting style | SMT |
| Right angle versions | No |
| Low profile versions | Standard |
| Flush actuator version | No |
| Different actuator styles | No |
| ESD grounding term./locating post | No / No |
| Sealed versions | No |
| Standard actuation force | 1.6, 2.6 N |
| Electrical endurance | up to 1,000,000 ops. |
| Operating temperature range | -40...+85°C |
| Dimensions horizontal ver. (LxWxH) | 4.2 x 6 x 2.5 mm |
| Dimensions sealed ver. (LxWxH) | - |
| Packaging | Tape and Reel |

FSM 6 x 6 Series

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



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

Tactiles

| | |
|------------------------------------|--|
| Style | |
| Mounting style | |
| Right angle versions | |
| Low profile versions | |
| Flush actuator version | |
| Different actuator styles | |
| ESD grounding term./locating post | |
| Sealed versions | |
| Standard actuation force | |
| Electrical endurance | |
| Operating temperature range | |
| Dimensions horizontal ver. (LxWxH) | |
| Dimensions sealed ver. (LxWxH) | |
| Packaging | |

FSM 10 Series

- Different actuator and mounting versions



| | |
|------------------------------------|--------------------------|
| 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 |

Tactiles

| | |
|------------------------------------|--|
| Style | |
| Mounting style | |
| Right angle versions | |
| Low profile versions | |
| Flush actuator version | |
| Different actuator styles | |
| ESD grounding term./locating post | |
| Sealed versions | |
| Standard actuation force | |
| Electrical endurance | |
| Operating temperature range | |
| Dimensions horizontal ver. (LxWxH) | |
| Dimensions sealed ver. (LxWxH) | |
| Packaging | |

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 |
| Mounting style | SMT |
| Right angle versions | No |
| Low profile versions | No |
| Flush actuator version | No |
| Different actuator styles | No |
| ESD grounding term./locating post | No / Optional |
| Sealed versions | No |
| Standard actuation force | 1.6 N |
| Electrical endurance | 100,000 ops. |
| Operating temperature range | -20...+85°C |
| Dimensions horizontal ver. (LxWxH) | 4.0 x 7.15 x 1.7 mm |
| Dimensions sealed ver. (LxWxH) | - |
| Packaging | Tape and Reel, Bulk |

| | |
|------------------------------------|---------------------|
| Style | Turtle |
| Mounting style | SMT |
| Right angle versions | No |
| Low profile versions | No |
| Flush actuator version | No |
| Different actuator styles | No |
| ESD grounding term./locating post | No / Optional |
| Sealed versions | No |
| Standard actuation force | 1.6 N |
| Electrical endurance | 100,000 ops. |
| Operating temperature range | -20...+85°C |
| Dimensions horizontal ver. (LxWxH) | 4.0 x 7.15 x 1.7 mm |
| Dimensions sealed ver. (LxWxH) | - |
| Packaging | Tape and Reel, Bulk |

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

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

FSMCT Series

- Low profile



FSMLPU

- Ultra low profile
- 0.6 mm high only



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

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

| | |
|------------------------------------|--------------------|
| Style | 5 x 5 |
| Mounting style | SMT |
| Right angle versions | No |
| Low profile versions | Standard |
| Flush actuator version | Standard |
| Different actuator styles | No |
| ESD grounding term./locating post | No / No |
| Sealed versions | No |
| Standard actuation force | 1.6 N |
| Electrical endurance | 500,000 ops. |
| Operating temperature range | -20...+70°C |
| Dimensions horizontal ver. (LxWxH) | 4.8 x 4.8 x 0.6 mm |
| Dimensions sealed ver. (LxWxH) | - |
| Packaging | Tape and Reel |

Slide Switches

ASE, ASF Series

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



| | |
|-----------------------------|---|
| Number of poles | 2, 4, 6 |
| Number of throws | 2, 3 (available in 4 pole only) |
| Contact timing | Make before Break |
| Right angle versions | Yes |
| Mounting style | SMT, THT |
| Actuator style | ASF: Flush top actuator ASE: Extended top or side ASFO: Flush top or side |
| Flush actuator version | ASF: Yes, ASE: No |
| Tape seal | ASF: Yes, ASE: No |
| Contact rating | Gold: 20 mA @ 20 Vdc Silver: 300 mA @ 115 Vac, 28 Vdc |
| Electrical endurance | 10,000 ops. |
| Operating temperature range | -40...+80°C |
| Dimensions (LxWxH) | refer to catalogue |
| Packaging | Tube |

S, SE Series

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



| | |
|-----------------------------|--------------------------------|
| Number of poles | 1 or 2 |
| Number of throws | 1,2 |
| Contact timing | Break before Make |
| Right angle versions | Yes |
| Mounting style | SMT, THT |
| Actuator style | SE: Actuator with boot sealing |
| Flush actuator version | No |
| Tape seal | No |
| Contact rating | 20 mA @ 20 Vdc |
| Electrical endurance | 10,000 ops. |
| Operating temperature range | -20...+80°C |
| Dimensions (LxWxH) | 9.5 x 5 x 8.0 mm |
| Packaging | Tray, Tape and Reel |

STS, SDS Series

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



| | |
|-----------------------------|--------------------|
| Number of poles | 1 or 2 |
| Number of throws | up to 6 |
| Contact timing | Make before Break |
| Right angle versions | Yes |
| Mounting style | THT |
| Actuator style | SDS: on request |
| Flush actuator version | No |
| Tape seal | No |
| Contact rating | 300 mA @ 125 Vac |
| Electrical endurance | 10,000 ops. |
| Operating temperature range | -15...+60°C |
| Dimensions (LxWxH) | refer to catalogue |
| Packaging | Bulk |

Slide switch

| | |
|-----------------------------|--|
| Number of poles | |
| Number of throws | |
| Contact timing | |
| Right angle versions | |
| Mounting style | |
| Actuator style | |
| Flush actuator version | |
| Tape seal | |
| Contact rating | |
| Electrical endurance | |
| Operating temperature range | |
| Dimensions (LxWxH) | |
| Packaging | |

TSS Series

- Single or dual actuator



| | |
|-----------------------------|--------------------|
| Number of poles | up to 4 |
| Number of throws | 1 or 2 |
| Contact timing | Break before Make |
| Right angle versions | Yes |
| Mounting style | THT |
| Actuator style | Standard |
| Flush actuator version | Yes |
| Tape seal | No |
| Contact rating | 20 mA @ 20 Vdc |
| Electrical endurance | 80,000 ops. |
| Operating temperature range | -20...+80°C |
| Dimensions (LxWxH) | refer to catalogue |
| Packaging | Bulk |

MSS, MSSA Series

- Instrumentation grade



| | |
|-----------------------------|--|
| Number of poles | up to 6 |
| Number of throws | up to 4 |
| Contact timing | Make before Break |
| Right angle versions | Yes |
| Mounting style | THT |
| Actuator style | Standard / MSSA: Position snap |
| Flush actuator version | No |
| Tape seal | No |
| Contact rating | Gold: 20 mA @ 20 Vdc Silver: 300 mA @ 125 Vac |
| Electrical endurance | 15,000 ops. |
| Operating temperature range | -20...+85°C |
| Dimensions (LxWxH) | refer to catalogue |
| Packaging | Tray |

MSSA-01/04 Series

- Instrumentation grade
- Top and side actuator



| | |
|-----------------------------|--|
| Number of poles | up to 2 |
| Number of throws | 2 |
| Contact timing | Break before Make |
| Right angle versions | Yes |
| Mounting style | THT |
| Actuator style | Standard |
| Flush actuator version | Yes |
| Tape seal | No |
| Contact rating | Gold: 20 mA @ 20 Vdc Silver: 3A@115Vac, 1.5A@230Vac |
| Electrical endurance | 30,000 ops. |
| Operating temperature range | -20...+85°C |
| Dimensions (LxWxH) | MSSA1: 11.9 x 6.4 x 8 mm MSSA2: 11.9 x 11.4 x 8 mm |
| Packaging | Bulk |

Slide Switches

MHS Series

- Low profile
- Instrumentation grade



| Slide switch | |
|-----------------------------|--|
| Number of poles | up to 2 |
| Number of throws | up to 3 |
| Contact timing | Make before Break |
| Right angle versions | Yes |
| Mounting style | THT |
| Actuator style | Standard and Baton |
| Flush actuator version | No |
| Tape seal | No |
| Contact rating | Gold: 20 mA @ 20 Vdc Silver: 300 mA @ 125 Vac |
| Electrical endurance | 15,000 ops. |
| Operating temperature range | -20...+100°C |
| Dimensions (LxWxH) | 16.0 x 6.7 x 7.5 mm |
| Packaging | Tray |

| | |
|-----------------------------|--|
| Number of poles | up to 2 |
| Number of throws | up to 3 |
| Contact timing | Make before Break |
| Right angle versions | Yes |
| Mounting style | THT |
| Actuator style | Standard and Baton |
| Flush actuator version | No |
| Tape seal | No |
| Contact rating | Gold: 20 mA @ 20 Vdc Silver: 300 mA @ 125 Vac |
| Electrical endurance | 15,000 ops. |
| Operating temperature range | -20...+100°C |
| Dimensions (LxWxH) | 16.0 x 6.7 x 7.5 mm |
| Packaging | Tray |

SSJ Series

- Micro size
- Instrumentation grade



| | |
|-----------------------------|--------------------------|
| Number of poles | 1 |
| Number of throws | 3 |
| Contact timing | Make before Break |
| Right angle versions | Yes |
| Mounting style | THT |
| Actuator style | Standard |
| Flush actuator version | No |
| Tape seal | No |
| Contact rating | 100 mA @ 12 Vdc |
| Electrical endurance | 10,000 ops. |
| Operating temperature range | -10...+60°C |
| Dimensions (LxWxH) | 10.2...15.8 x 4 x 5.5 mm |
| Packaging | Tray |

SSA Series

- Micro size
- Instrumentation grade



| | |
|-----------------------------|---|
| Number of poles | up to 2 |
| Number of throws | 2 |
| Contact timing | Make before Break |
| Right angle versions | Yes |
| Mounting style | THT |
| Actuator style | Standard |
| Flush actuator version | No |
| Tape seal | No |
| Contact rating | Gold: 20 mA @ 20 Vdc Silver: 100 mA @ 30 Vac |
| Electrical endurance | up to 10,000 ops. |
| Operating temperature range | -20...+80°C |
| Dimensions (LxWxH) | 9.0...15.0 x 3.4...5.6 x 4.8 mm |
| Packaging | Bulk |

SLS/SL/SLSA Series

- Wiping contact
- Consumer grade



| Slide switch | |
|-----------------------------|---|
| Number of poles | up to 2 |
| Number of throws | up to 10 |
| Contact timing | Break before Make |
| Right angle versions | Yes |
| Mounting style | THT |
| Actuator style | Standard, Lever / Knob Actuator |
| Flush actuator version | No |
| Tape seal | No |
| Contact rating | SLS/SL: 250 mA @ 125 Vac, 150 mA @ 12 Vdc SLA: 500 mA @ 125 Vac |
| Electrical endurance | 10,000 ops. |
| Operating temperature range | SLS/SL: -10...+60°C, SLA: -20...+85°C |
| Dimensions (LxWxH) | refer to catalogue |
| Packaging | Bulk |

| | |
|-----------------------------|---|
| Number of poles | up to 2 |
| Number of throws | up to 10 |
| Contact timing | Break before Make |
| Right angle versions | Yes |
| Mounting style | THT |
| Actuator style | Standard, Lever / Knob Actuator |
| Flush actuator version | No |
| Tape seal | No |
| Contact rating | SLS/SL: 250 mA @ 125 Vac, 150 mA @ 12 Vdc SLA: 500 mA @ 125 Vac |
| Electrical endurance | 10,000 ops. |
| Operating temperature range | SLS/SL: -10...+60°C, SLA: -20...+85°C |
| Dimensions (LxWxH) | refer to catalogue |
| Packaging | Bulk |

MLL Series

- Low profile

NEW



| | |
|-----------------------------|-----------------------|
| Number of poles | 1 |
| Number of throws | up to 3 |
| Contact timing | Make before Break |
| Right angle versions | Standard |
| Mounting style | SMT |
| Actuator style | Standard |
| Flush actuator version | No |
| Tape seal | No |
| Contact rating | 300 mA; 4 Vdc |
| Electrical endurance | 10,000 ops. |
| Operating temperature range | 20...+85°C |
| Dimensions (LxWxH) | 6.7...9.7 x 2.6 x 1.4 |
| Packaging | Tube, Tape and Reel |

Toggle Switches

TST Series

- Sub miniature toggle switch
- Sealed



| Toggles | |
|------------------------------|--------------------|
| Number of poles | 1 |
| Contact timing | Break before Make |
| Right angle versions | Yes |
| Standard number of positions | 2 or 3 |
| Terminals / Mounting style | THT |
| Actuator style | Various lengths |
| Contact rating | 20 mA @ 20 Vac/dc |
| Electrical endurance | 80,000 ops. |
| Operating temperature range | -30...+85°C |
| Dimensions case (LxWxH) | 8.1 x 5.0 x 9.1 mm |
| Packaging | Bulk |

| | |
|------------------------------|--------------------|
| Number of poles | 1 |
| Contact timing | Break before Make |
| Right angle versions | Yes |
| Standard number of positions | 2 or 3 |
| Terminals / Mounting style | THT |
| Actuator style | Various lengths |
| Contact rating | 20 mA @ 20 Vac/dc |
| Electrical endurance | 80,000 ops. |
| Operating temperature range | -30...+85°C |
| Dimensions case (LxWxH) | 8.1 x 5.0 x 9.1 mm |
| Packaging | Bulk |

TT Series

- Sub miniature toggle switch
- Boot seal available



| | |
|------------------------------|--|
| Number of poles | up to 4 |
| Contact timing | Break before Make |
| Right angle versions | right angle and vertical right angle |
| Standard number of positions | 2 or 3 |
| Terminals / Mounting style | THT, Wire lug, Wire wrap; Various bushings versions |
| Actuator style | Various lengths, round, flat, locking |
| Contact rating | Gold: 20 mA @ 20 Vdc Silver (2pos): 3A@125Vac, 28Vdc Silver (3pos): 2A@125Vac, 28Vdc |
| Electrical endurance | 60,000 ops. |
| Operating temperature range | -30...+85°C |
| Dimensions case (LxWxH) | 8.1 x 6 x 8.8...15.7 mm |
| Packaging | Bulk |

Gemini Series A

- Miniature toggle switch



| | |
|------------------------------|--|
| Number of poles | 1 or 2 |
| Contact timing | Break before Make |
| Right angle versions | right angle and vertical right angle |
| Standard number of positions | 2 or 3 |
| Terminals / Mounting style | THT, Wire lug, Quick connect, Wire wrap, Support brackets; Various bushings versions |
| Actuator style | different lengths, round, flat, locking; rocker style |
| Contact rating | 2 A @ 250 Vac |
| Electrical endurance | 40,000 ops. |
| Operating temperature range | -30...+85°C |
| Dimensions case (LxWxH) | 12.7 x 6.9...16.8 x 10.4 mm |
| Packaging | Bulk |

Gemini Series AE

- Miniature toggle switch sealed
- Meets requirements of IP67



| Toggles | |
|------------------------------|---|
| Number of poles | 1 or 2 |
| Contact timing | Break before Make |
| Right angle versions | right angle and vertical right angle |
| Standard number of positions | 2 or 3 |
| Terminals / Mounting style | THT, Wire lug, Quick connect, Wire wrap, Support brackets |
| Actuator style | different lengths, round, flat; rocker style |
| Contact rating | 2 A @ 250 Vac |
| Electrical endurance | 30,000 ops. |
| Operating temperature range | -30...+85°C |
| Dimensions case (LxWxH) | 12.7 x 6.6...11.4 x 10.3 mm |
| Packaging | Bulk |

| | |
|------------------------------|---|
| Number of poles | 1 or 2 |
| Contact timing | Break before Make |
| Right angle versions | right angle and vertical right angle |
| Standard number of positions | 2 or 3 |
| Terminals / Mounting style | THT, Wire lug, Quick connect, Wire wrap, Support brackets |
| Actuator style | different lengths, round, flat; rocker style |
| Contact rating | 2 A @ 250 Vac |
| Electrical endurance | 30,000 ops. |
| Operating temperature range | -30...+85°C |
| Dimensions case (LxWxH) | 12.7 x 6.6...11.4 x 10.3 mm |
| Packaging | Bulk |

MT Series

- Toggle switch



| | |
|------------------------------|--|
| Number of poles | up to 4 |
| Contact timing | Break before Make |
| Right angle versions | right angle and vertical right angle |
| Standard number of positions | 2 or 3 |
| Terminals / Mounting style | THT, Wire lug |
| Actuator style | Lengths, round, flat, Mustang, splash proof bat actuator, locking, decorative bat actuator |
| Contact rating | 3 A @ 250 Vac, 4 A @ 28 Vdc |
| Electrical endurance | 80,000 ops. |
| Operating temperature range | -20...+85°C |
| Dimensions case (LxWxH) | 13 x 8...22.5 x 11.5 mm |
| Packaging | Bulk |

Toggle Switches

AW Series

- IP67 panel mounting seal
- Sleeve & Frame perfect sealed



| | |
|------------------------------|----------------------------|
| Number of poles | 1, 2 and 4 |
| Contact timing | Break before Make |
| Right angle versions | No |
| Standard number of positions | 2 or 3 |
| Terminals / Mounting style | Quick connect |
| Actuator style | Standard Toggle |
| Contact rating | 20 A @ 250 Vac |
| Electrical endurance | 20,000 ops. |
| Operating temperature range | -20...+70°C |
| Dimensions case (LxWxH) | 33 x 19.5...36.5 x 24.5 mm |
| Packaging | Bulk |

F Series

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



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

Toggles

| | |
|------------------------------|--|
| Number of poles | |
| Contact timing | |
| Right angle versions | |
| Standard number of positions | |
| Terminals / Mounting style | |
| Actuator style | |
| Contact rating | |
| Electrical endurance | |
| Operating temperature range | |
| Dimensions case (LxWxH) | |
| Packaging | |

Push Buttons

TP Series

- Miniature
- Dual actuator available



MP Series

- Caps in different colours



Push buttons

| |
|-----------------------------|
| Number of poles |
| Contact timing |
| Right angle versions |
| Sealing |
| Mounting style |
| Actuator style |
| Flush actuator versions |
| Contact rating |
| Electrical endurance |
| Operating temperature range |
| Dimensions case (LxWxH) |
| Packaging |

| |
|---|
| 1 or 2 |
| Break before Make |
| right angle and vertical right angle |
| Process sealed optional |
| THT, Wire lug, different bushing styles |
| round, rectangular |
| Yes |
| Gold: 20 mA @ 20 Vdc |
| Silver: 1 A @ 125 Vac, 28 Vdc |
| 100,000 ops. |
| -30...+65°C |
| 8.1 x 5.2 x 8.1 mm |
| Bulk |

| |
|--------------------------------|
| up to 4 |
| Break before Make |
| No |
| MPE: splash proof (meets IP65) |
| THT, Panel mount, Wire lug |
| Optional caps for MPA, MPE |
| No |
| 6 A @ 120 Vac, 3 A @ 250 Vac |
| 50,000 ops. |
| -20...+80°C |
| 13 x 8.1...22.5 x 14...17.3 mm |
| Bulk |

Micro Switches

MP Miniature Micro Switch Series

- Low and high current versions



SP Sub Miniature Micro Switch Series

- Various actuator and mounting options



UP Ultra Miniature Micro Switch Series

- Different mounting options
- Silver or gold contacts



Micro switch

| |
|-----------------------------|
| Contact configuration |
| Right angle versions |
| Mounting style |
| Actuator style |
| Standard actuation force |
| Contact rating |
| Electrical endurance |
| Operating temperature range |
| Approvals |
| Dimensions (LxWxH) |
| Packaging |

| |
|---|
| SPDT, SPNC, SPNO |
| No |
| Solder or Spade |
| Pin plunger, short, normal, simulator lever, roller |
| 16 A Version: 1.2, 2.0, 3.0 N |
| 0.1 A Version: 0.55 N |
| 16 A @ 250 Vac |
| 0.1 A @ 250 Vac |
| up to 100,000 ops. |
| -25...+130°C |
| UL, cUL, ENEC |
| 27.8 x 10.2 x 15.9 mm |
| Tray |

| |
|--|
| SPDT |
| No |
| TAB, THT, Solder terminals |
| Pin plunger, normal, long, simulator lever, roller |
| 0.8...2.5 N |
| 5 A @ 250 Vac |
| up to 50,000 ops. |
| -25...+80°C |
| UL, cUL, ENEC |
| 19.8 x 6.4 x 10.6 mm |
| Tray |

| |
|-------------------------------|
| SPDT |
| left and right |
| THT |
| Straight lever, without lever |
| 0.3...1.5 N |
| UP3 version: 3A @ 125 Vac |
| UP01 version: 0.1 @ 30 Vdc |
| 1,000,000 ops. |
| -25...+80°C |
| UL |
| 12.7 x 5.8 x 6.7 mm |
| Tray |

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

| |
|-----------------------------|
| Number of poles |
| Sealing |
| Type of terminals |
| Illumination versions |
| Contact rating |
| Electrical endurance |
| Operating temperature range |
| Approvals |
| Packaging |

| |
|---|
| 1 or 2 |
| Dust resistant, optional waterproof cover |
| Solder lug or Quick connect single pole versions only |
| 1 pole version: 10A @ 250 Vac |
| 2 pole version: 6A @ 250 Vac |
| ≥ 6,000 ops. |
| -20...+85°C |
| 1 pole vers.: cUL (VDE, ENEC) |
| 2 pole vers.: cUL |
| Tray |

| |
|----------------------------------|
| 1 or 2 |
| IP 66 waterproof |
| Solder lug, Quick connect, Screw |
| No |
| 10A @ 250 Vac |
| ≥ 6,000 ops. |
| -20...+85°C |
| UL |
| Tray |

| |
|-----------------------------|
| 2 |
| Dust resistant |
| Solder lug or Quick connect |
| Yes |
| 6 A @ 250 Vac |
| ≥ 10,000 ops. |
| -20...+85°C |
| UL, VDE, ENEC |
| 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

| |
|-----------------------------|
| Number of poles |
| Sealing |
| Type of terminals |
| Illumination versions |
| Contact rating |
| Electrical endurance |
| Operating temperature range |
| Approvals |
| Packaging |

| |
|-----------------------------|
| 2 |
| Dust resistant |
| Solder lug or Quick connect |
| Yes |
| 10 A @ 250 Vac |
| ≥ 10,000 ops. |
| -20...+85°C |
| UL, VDE, ENEC |
| Tray |

| |
|-----------------------------|
| 1 |
| Dust resistant |
| Solder lug or Quick connect |
| Yes |
| 10 A @ 250 Vac |
| ≥ 6,000 ops. |
| -20...+85°C |
| UL, VDE, ENEC |
| 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 | 4 | | tape and reel | 1825006-4 |
| GDS0404 | | 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 | 8 | | tube | 1-1571983-0 |
| GDH08STR04 | | | 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 |

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 |
| FSM2JSMASSTR | | | | 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 |
| FSM4JSMASSTR | | | | 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 |
| FSM6JSMASSTR | | | | tape and reel | 1-1977223-8 |
| FSM6JSMAAS | 2.6 N | | | bulk | 1-1977223-9 |
| FSM6JSMAASTR | | | | tape and reel | 2-1977223-0 |
| FSMJEL, Extended Life, J-Lead | | | | | |
| FSM2JELJ | 1.6 N | 2.5 mm | SMT/J | bulk | 1571625-5 |
| FSM2JELJTR | | | | tape and reel | 1571625-6 |
| FSMJEL, Extended Life, Gull Wing | | | | | |
| FSM2JELG | 1.6 N | 2.5 mm | SMT/G | bulk | 1571626-5 |
| FSM2JELGTR | | | | tape and reel | 1571626-6 |
| FSMJEL, Extended 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 |
| FSMJJS, 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 |
| FSMJJS, 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 | 1.6 N | 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 |
| ASF42RG04 | | Au | | 2-1825011-4 |
| ASF42RGL04 | | | SMT/L | 3-1825011-3 |
| ASF42RL04 | | Ag | | 3-1825011-5 |
| ASF42STRO4 | | | 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 |
| SE1GSMTR04 | 1 Pole, On-Off | SMT | tape and reel | 5-1571004-4 |
| SE1EGSMTR04 | 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 | | On-On-On | 1825255-7 | |
| MHS133G04 | | Au | | 1825255-8 |
| MHS22204 | | Ag | On-None-On | 1825289-1 |
| MHS222G04 | DPDT | Au | | 1825289-2 |
| MHS22304 | | Ag | On-Off-On | 1825289-5 |
| MHS223G04 | | Au | | 1825289-6 |
| MHS23304 | | 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 | |
| SLS240PC04 | DP4T | | | 1825080-3 |
| SLS250PC04 | | | DP5T | |
| 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 |
| 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 | | | |
| 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 |
| FTP0904 | | | 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", unthreaded | 1825097-1 |
| TPB11FGPC004 | SPDT, THT | | | 1825097-9 |
| TPB21MGPC004 | DPST, THT | | | 1-1825097-7 |
| TPB, Right Angle | | | | |
| TPB11CGRA004 | SPST, THT | Au | Rnd. 0.188", unthreaded | 1825097-6 |
| TPB11FGRA004 | SPDT, THT | | | 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 |
| MP16DTCAMD | | | 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 |
|-------------------|-----------------------|--------------|-------------------------|-------------|
| PRED A1-07F-BB000 | On-Off, opaque | black | not applicable | 1634200-1 |
| PRED A1-07F-BB0BW | | | 0 - , white printing | 1634200-2 |
| PRED A1-07F-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 O II , white printing | 1-1634201-1 |
| PRFDD3-16F-BB0GW | | | - O = , 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 |

© Tyco Electronics Austria GmbH 2008. All Rights Reserved.

All technical data listed is for description purposes only and does not guarantee characteristics. All drawings, photos and descriptions are subject to change without prior notice.

We are not able to guarantee that the specified circuits, descriptions and tables are not covered by rights of third parties. Terms of delivery and rights to change design reserved.

Preferred Part Numbers (Continued)
Americas

Argentina - Buenos Aires
Phone: +54-11-4733-2200
Fax: +54-11-4733-2211

Brasil - São Paulo
Phone: +55-11-2103-6000
Fax: +55-11-2103-6210

Canada - Toronto
Phone: +905-475-6222
Fax: +905-474-5520

Product Information Center:
Phone: +905-470-4425
Fax: +905-474-5525

Chile - Santiago
Phone: +56-2-345-0300
Fax: +56-2-223-1477

Colombia - Bogota
Phone: +57-1-231-9398
Fax: +57-1-660-0206

Mexico - Mexico City
Phone: +52-55-1106-0800
+01-800-733-8926
Fax: +52-55-1106-0901

For Latin/South American Countries not shown
Phone: +54-11-4733-2015
Fax: +54-11-4733-2083

United States - Harrisburg, PA
Phone: +1-717-564-0100
Fax: +1-717-986-7575
Product Information Center:
Phone: +1-800-522-6752
Fax: +1-717-986-7575

Asia/Pacific

Australia - Sydney
Phone: +61-2-9554-2600
Fax: +61-2-9502-2556

Product Information Center:
Phone: +61-2-9840-8200
Fax: +61-2-9634-6188

India - Bangalore
Phone: +91-80-285-40800
Fax: +91-80-285-40820

Indonesia - Jakarta
Phone: +65-6482-0311
Fax: +65-6482-1012

Japan - Kawasaki, Kanagawa
Phone: +81-44-844-8111
Fax: +81-44-812-3207

Product Information Center:
Phone: +81-44-844-8013
Fax: +81-44-812-3200

Korea - Seoul
Phone: +82-2-3415-4500
Fax: +82-2-3486-3810

Malaysia - Selangor
Phone: +60-3-7805-3055
Fax: +60-3-7805-3066

New Zealand - Auckland
Phone: +64-9-634-4580
Fax: +64-9-634-4586

Philippines - Makati City
Phone: +632-848-0171
Fax: +632-867-8661

People's Republic of China - Hong Kong
Phone: +852-2735-1628
Fax: +852-2735-0243
Shanghai
Phone: +86-21-2407-1588
Fax: +86-21-2407-1599

Singapore - Singapore
Phone: +65-6482-0311
Fax: +65-6482-1012

Taiwan - Taipei
Phone: +886-2-8768-2788
Fax: +886-2-8768-2268

Thailand - Bangkok
Phone: +66-2-955-0500
Fax: +66-2-955-0505

Vietnam - Ho Chi Minh City
Phone: +84-8-930-5546
Fax: +84-8-930-3443

Europe/Middle East/Africa

Austria - Vienna
Phone: +43-1-90-560-0
Fax: +43-1-90-560-1333
office.vienna@tycoelectronics.com
Product Information Center:
Phone: +43-1-90-560-1249
Fax: +43-1-90-560-1251

Belgium - Kessel-Lo
Phone: +32-16-352-300
Fax: +32-16-352-352
beneluxsales@tycoelectronics.com

Bulgaria - Sofia
Phone: +359-2-971-2152
Fax: +359-2-971-2153
ampbg@internet-bg-net

Czech Republic - Kurim
Phone: +420-5-41-162-111
Fax: +420-5-41-162-223
amp@tycoelectronics.cz
Product Information Center:
Phone: +420-541-162-113
Fax: +420-541-162-132

Denmark - Glostrup
Phone: +45-43-48-04-00
Fax: +45-43-44-14-14
info.dk@tycoelectronics.com

Egypt - Cairo
Phone: +20-2-419-2334
Fax: +20-2-417-7647

Estonia - Tartu
Phone: +372-5138-274
Fax: +372-7400-779

Finland - Helsinki
Phone: +358-95-12-34-20
Fax: +358-95-12-34-250
info.fi@tycoelectronics.com

France - Cergy-Pontoise Cedex
Phone: +33-1-3420-8888
Fax: +33-1-3420-8600
Product Information Center:
Phone: +33-1-3420-8686
Fax: +33-1-3420-8623

France Export Divisions - Cergy-Pontoise Cedex
Phone: +33-1-3420-8804
Fax: +33-1-3420-8699

Germany - Bensheim
Tyco Electronics AMP GmbH
Phone: +49-6251-133-0
Fax: +49-6251-133-1600
tyco-sales@tycoelectronics.com
Product Information Center:
Phone: +49-6251-133-1999
Fax: +49-6251-133-1988

Greece - Athens
Phone: +30-210-9370-396/397
Fax: +30-210-9370-655

Hungary - Budapest
Phone: +36-1-289-1000
Fax: +36-1-289-1010
Product Information Center:
Phone: +36-1-289-1016
Fax: +36-1-289-1017

Ireland - Dublin
Phone: +353-1-820-3000
Fax: +353-1-820-9790

Israel - Yokneam
Phone: +972-4-959-0508
Fax: +972-4-959-0506

Italy - Collegno (Torino)
Phone: +39-011-4012-111
Fax: +39-011-4031-116
Product Information Center:
Phone: +39-011-4012-360
Fax: +39-011-4028-7360

Lithuania & Latvia - Vilnius
Phone: +370-5-213-1402
Fax: +370-5-213-1403
Product Information Center:
Phone: +370-5-211-3016
Fax: +370-5-213-1403

Netherlands - 'sHertogenbosch
Phone: +31-73-6246-246
Fax: +31-73-6212-365
beneluxsales@tycoelectronics.com
Product Information Center:
Phone: +31-73-6246-999
Fax: +31-73-6246-998

Norway - Nesbru
Phone: +47-66-77-88-50
Fax: +47-66-77-88-55
info.no@tycoelectronics.com

Poland - Warsaw
Phone: +48-22-4576-700
Fax: +48-22-4576-720
poland.info@tycoelectronics.com
Product Information Center:
Phone: +48-22-4576-704
Fax: +48-22-4576-720

Romania - Bucharest
Phone: +40-21-311-3479 + 3596
Fax: +40-21-312-0574

Russia - Moscow
Phone: +7-495-790-7902
Fax: +7-495-721-1893
Product Information Center:
Phone: +7-495-790-7902-404
Fax: +7-495-790-7902-401

Russia - St. Petersburg
Phone: +7-812-718-8192
Fax: +7-812-718-8193

Slovenia - Ljubljana
Phone: +386-1561-3270
Fax: +386-1561-3240

South Africa - Port Elizabeth
Phone: +27-41-503-4500
Fax: +27-41-581-0440

Spain - Barcelona
Phone: +34-93-291-0330
Fax: +34-93-201-7879

Sweden - Upplands Väsby
Phone: +46-8-50-72-50-00
Fax: +46-8-50-72-50-01
info.se@tycoelectronics.com

Switzerland - Steinach
Phone: +41-71-447-0447
Fax: +41-71-447-0444
info.ch@tycoelectronics.com

Turkey - Istanbul
Phone: +90-212-281-8181...3
+90-212-282-5130/5430
Fax: +90-212-281-8184
ProductInfo.Turkey@tycoelectronics.com

Ukraine - Kiev
Phone: +380-44-206-2265
Fax: +380-44-206-2264

United Kingdom - Stanmore Middlesex
Phone: +44-8706-080208
Fax: +44-208-954-6234
Product Information Center:
FreePhone GB: +0800-267-666
Phone: +44-8706-080208
Fax: +44-208-420-8081

Tyco Electronics offers a comprehensive range of switches including DIP switches, slide switches, toggle switches, push buttons, micro switches, rotary switches, and industrial control switches. Accessories as knobs, caps, boot seals and the respective hardware round off our extensive range.

Our switches cover the widest range of applications, from white goods, building automation, office equipment, communications, test & measurement, remote control devices up to machinery and heating and air-conditioning systems.

Tyco Electronics does not only offer standard switches, but also customized switching solutions for customer applications from the mA range up to 25 A.

Tyco Electronics Austria GmbH

Pilzgasse 33
1210 Vienna
Austria
Phone: +43 1 90560-0
Fax: +43 1 90560-1333

www.tycoelectronics.com

© Tyco Electronics Corporation
Catalogue No. 1308111, Issued 03-2008

 **Tyco Electronics**
Our commitment. Your advantage.