

PANEL MOUNT SELECTION GUIDE

PUSHBUTTONS

ROCKERS

IX SERIES

- Tactile feedback
- Ø12mm panel cutout
- Sealed to IP67, IP69K
- Solid or illuminated
- NO or NC/NO



IM SERIES

- Snap-action, audible tactile feedback
- Ø12mm panel cutout
- Sealed to IP67
- NC+NO
- Multiple colors available



IP SERIES

- Solid and illuminated
- Tactile feedback
- Ø12mm panel cutout
- Round or square actuator
- Sealed to IP67 / IP69K
- Momentary or latching function



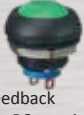
KR / KH SERIES

- Solid or illuminated
- Large color selection
- Laser etched symbols
- Sealed up to IP68 / IP69K
- KH: protection guard prevents accidental actuation



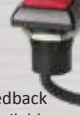
IS SERIES

- Threaded bushing
- Ø12mm panel cutout
- Variety of actuator colors
- Sealed to IP67
- Momentary (NO), tactile feedback
- Solder lug, quick-connect or PC terminals



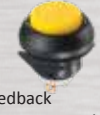
IC SERIES

- Metal bushing
- Ø12mm panel cutout
- Sealed to IP67
- Round or square actuator
- Momentary (NO), tactile feedback
- Variety of actuator colors available



IB SERIES

- Snap-in mount
- Ø12mm panel cutout
- 13mm behind panel depth
- Sealed to IP54
- Momentary (NO), tactile feedback
- Solder lug, quick-connect or PC terminals



KL SERIES

- Solid or illuminated
- Single sided locking feature
- Sealed up to IP68 / IP69K
- Laser etched symbols
- Large color selection
- Unique rocker design



IZ SERIES

- Solid or illuminated
- Ø16mm panel cutout
- Rear mount
- Sealed to IP67
- Available in metal & plastic body, momentary or latching



IA SERIES

- Soft feel, membrane actuator
- Tactile feedback
- Ø16mm panel cutout
- Front panel sealed to IP67
- Variety of actuator colors



IL SERIES

- Solid or illuminated
- Ø12mm panel cutout
- Sealed to IP67
- Reduced bezel option available
- Available with solder lug, PC pins or wire leads



KG SERIES

- Solid or illuminated
- Raised protection bezel
- Sealed to IP65
- Standard symbols available
- Variety of color choices



IQ SERIES

- Solid or illuminated
- 16mm panel cutout
- Snap-in mount
- Sealed to IP54
- Momentary or latching
- Round or square bezel shape



IHS SERIES

- Hall effect
- Sealed to IP67
- Momentary (NO)
- Rated to 5 million cycles
- Ø12mm panel cutout



IHL SERIES

- Hall effect
- Linear 0.5 to 4.5V output
- Sealed to IP67
- Rated to 5 million cycles
- 3 different force ratings available
- Ø12mm panel cutout



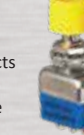
2600 SERIES

- Solid or illuminated
- 16A 125VAC
- Single or double pole
- 3 rocker shapes
- Peak currents available



13000 SERIES

- 1/4" threaded bushing
- Single or double pole
- Silver or gold plated contacts
- Quick break momentary
- Several cap colors available



130000X778

- High performance
- Threaded bushing
- Double pole, double throw
- Fully sealed to IP67
- Solder lug or PC terminals
- Momentary, alternate



IR SERIES

- Solid or illuminated
- Ø16mm panel cutout
- Round or square bezel shape
- Sealed to IP67
- Momentary or latching or microswitch function



FM SERIES

- Solid or illuminated
- 16A 125VAC
- Single or double pole
- Protective boot available



FP SERIES

- 24, 26 & 30mm bushing
- Momentary or latching
- Pad printed or laser etched marking available
- Fully backlit legends
- Snap-in or threaded mounting



FD SERIES

- 24 & 26mm bushing
- Momentary or latching
- Fully backlit legends
- Snap-in or threaded bushing
- Threaded bushing sealed up to IP69K



13000 PUSH/PULL

- Unique ergonomic push-pull function
- 24.8mm red anodized aluminum actuator
- O-ring, epoxy sealed
- 4 A 24VDC; 2 or 3 poles



MT SERIES

- Single pole, double throw
- Rocker/Toggle function
- Rated up to 6A 125VAC
- Several actuator options
- Sealed to IP68
- Solder lug / straight PC



10400 SERIES

- Momentary with solder lug terminals
- Single or double pole
- Silver or gold plated contacts
- Optional color caps



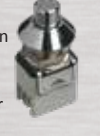
8000 SERIES

- Momentary or alternate action
- Single or double pole
- Long bushing
- Numerous plunger, bushing & accessory options



1200 SERIES

- Up to 8A 125VAC
- Momentary NC or NO action
- Single pole
- Plastic or metal plunger
- Solder lug, quick-connect or screw terminals



AS SERIES

- Snap-in, single pole
- 2 or 3 positions
- Sealed and double insulated
- Solder lug or PC terminals
- Several actuator colors



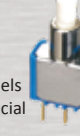
9400 & 9600 SERIES

- Momentary, NC, NO or NC/NO
- Two case lengths
- Sealing option
- Several plunger options
- Solder lug or PC terminals



18000 SERIES

- Snap-action momentary
- Tactile feedback
- Snap-in panel or PC mount
- Single and double pole models
- Numerous terminal and special options available



MP SERIES

- Two-step pushbutton
- Sealed to IP68
- 1 million lifecycles
- UV and hydrocarbon resistant membrane



7000 SERIES

- Single or double pole
- Rocker or Paddle style
- Wide variety of actuators
- Actuator and bezel color options



4700 & 4800 SERIES

- 6A 125VAC
- Alternate action
- Single or double pole
- Full actuator return
- Multiple actuator colors



1400N SERIES

- Momentary pushbutton
- Butt action contacts, double break
- Solder lug, straight PC and quick-connect terminals
- Snap-in mounting, square plunger



ZP SERIES

- Ø4.83mm tiny pushbutton
- Single or double throw
- Momentary contacts
- Solder lug and straight PC terminals



S & SR SERIES

- Single or double pole
- Rocker or Paddle style
- Silver or gold plated contacts
- Different actuator styles and colors



PANEL MOUNT SELECTION GUIDE

TOGGLES

12000X778

- High performance toggle
- Mill STD 3950 & 83731
- 15/32" threaded bushing
- Sealed to IP67
- Double shelled case & pinned lever



3500 SERIES

- Industrial grade and fully sealed
- 15A 28VDC
- Single or double pole
- 15/32" bushing
- Front sealed to IP67 or IP69K
- Variety of lever styles



5000 & 5000M SERIES

- Miniature toggle with 17 different actuator styles
- 1, 2, 3 and 4 pole
- 12 terminal types
- 8 functions including maintained and momentary



55000 SERIES

- VDE approved
- Miniature toggle with 2 bushing options
- 17 different actuator styles
- 2 functions including maintained and momentary



CT SERIES

- High volume, cost effective
- 100,000 lifecycles
- Three terminal options
- Rated up to 10A at 250VAC
- Front panel sealed to IP67



600H & 600NH

- 15A 250VAC
- 1, 2 and 3 pole
- 2 and 3 maintained or momentary positions
- Metal or insulated lever
- Locking lever options



11000 SERIES

- Robust, threaded bushing
- 2 position toggle
- 1, 2, 3 and 4 pole
- Several front panel sealing options
- CECC approved



12000 SERIES

- 15/32" threaded bushing
- 1, 2, 3 and 4 pole
- DPDT, 3PDT, 4PDT
- Several locking lever and front panel sealing options
- Peak current versions available



3600NF

- 6A 250VAC
- Single or double pole
- Fully sealed to IP67
- Locking lever options
- UL approval on select models



1600 & 1700

- Single or double pole
- Reduced behind panel space requirement
- Wiping contacts
- Optional insulated lever



6000 SERIES

- 6A 30VDC
- 1, 2, 3 and 4 pole
- Solder, screw or quick-connect terminals
- Sealing and locking lever options



10600 SERIES

- 3A 24VDC
- Single or double pole
- 2 & 3 positions
- Large, threaded bushing



4400 & 4600

- 4A 250VAC
- 1, 2 and 3 pole
- High current/voltage rating in a small case
- Solder lug or quick-connect
- UL, CSA, VDE



ZL SERIES

- Single pole
- Ø4.83 mm threaded bushing
- Silver or gold plated contacts
- Epoxy sealed
- Additional actuator lengths available



1000 SERIES

- 6A 30VDC
- Single pole, 2 & 3 positions
- Optional insulated levers
- Metal lever & bushing
- Variety of actuators



SEALING BOOTS

- Prevents dust, sand, water & ice from blocking lever action
- Several color choices
- Compatible with front sealing options K & X408
- Supplied with sealing ring or washer, when necessary



MSG TOGGLE GUARDS

- For 12000, 3500 & 6000 series toggles
- No distortion or break in case of crushing
- Marking & sealing options
- Resistant to harsh environments



METAL TOGGLE GUARDS

- For 12000, 3500, 600H & 6000 series toggles
- Different shapes for bushing or switch guard styles & colors
- Cap engraving available



ANTI VANDAL

AV SERIES - 16mm

- Momentary (NO) or latching
- Flat or curved actuator
- Marking available
- Sealed to IP65
- Variety of sizes, shapes & material



AV SERIES - 19mm

- Momentary (NO) or latching
- Flat or curved actuator
- Sealed up to IP65
- Anti-vandal or security
- Marking, illumination options



AV SERIES - 22mm

- Anti-vandal or security
- Momentary (NO, NC+NO) or latching
- IP65, IP67 or IP69K sealing
- Several actuator style
- Marking, illumination options



AV SERIES - 24mm

- Large Ø24mm actuator
- Momentary (NC/NO) or latching
- Front panel sealing to IP65
- Marking & colors available
- Flat, curved or recessed actuators



AV SERIES - 30mm

- Large Ø30mm bushing
- Momentary NC/NO
- Panel sealing up to IP67
- IK06 impact resistant
- 1 million mechanical lifecycles
- Large illuminated ring in 7 different colors



AV SERIES - 250V

- Ø16, 19 or 22mm bushing
- Latching action
- Flat or curved actuators
- Optional sealing up to IP65
- Nickel plated or stainless steel actuator and bushing



PIEZO

PBA SERIES

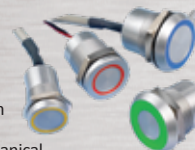
- High performance
- Available in Ø16, 19, 22 or 30mm
- Sealed up to IP68 & IP69K
- Metal surface with ring or dot illumination
- ATEX approved version available



CAPACITIVE

CP

- Momentary or latching
- Auto-calibration
- Ø16, 19 or 22mm bushings
- No moving mechanical parts to wear out



CG

- Momentary
- Auto-calibration
- Under panel mounting
- Long-life adhesive
- Dot illumination, color & marking options



SNAP-ACTION

MA, MB, MD

- Compact micro switches
- Leaf spring mechanism
- 10,000 lifecycles
- Different actuator styles



PUSHWHEELS

DP, SH, PICO

- Threaded bushing selections
- Compact, cylinder shape
- Single pole, single throw NC+NO
- Solder lug or PC terminals

