

PANEL MOUNT SWITCH SELECTION GUIDE

PUSHBUTTONS

IM

- Snap-action, audible tactile feedback
- ø12mm bushing
- Sealed to IP67
- NC + NO
- Multiple colors available



IQ

- Illuminated version
- 16mm bushing
- Snap in mount
- Sealed to IPS4
- Momentary or latching
- Round or square bezel shape



FD

- 24, 26mm bushing
- Momentary or latching function
- Snap-in and threaded bushing models
- Sealed to IP69K (threaded bushing version)



13000X778

- High performance
- Threaded bushing
- Double pole, double throw
- Fully sealed to IP67
- Latching



IP

- Tactile feedback
- Variety of terminal options
- Round or square actuator
- Sealed to IP67
- Many color option available
- Momentary or latching function



IA

- Soft feel, membrane actuator
- Tactile feedback
- Sealed to IP67
- Resistant to dust, sand, water, hydrocarbons
- Variety of actuator color



FP

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



1200

- Up to 8A 125VAC
- Momentary NC or NO action
- Single pole
- Plastic or metal plunger
- UL, CSA, VDE



IB

- Momentary (NO) with tactile feedback
- Snap-in mount
- Tactile feedback
- Sealed to IP54
- Variety of actuator color
- Solder lug, quick connect or PC terminals



IHL

- Hall effect
- Linear 0,5 to 4,5V output
- Sealed to IP67
- Rated to 5 million cycles
- 3 different force ratings available
- ø12mm bushing



8000

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



300, 400, 9000, 9400 & 9600

- Two case lengths
- Sealing option
- Compact, cylinder shape
- Solder lug or PC terminals
- Momentary, NC, NO, NC/NO or NC+NO



IS

- Momentary (NO) with tactile feedback
- Threaded bushing
- Tactile feedback
- Sealed to IP67
- Variety of actuator color
- Solder lug, quick connect or PC terminals



IHS

- Hall effect
- Momentary (NO)
- Sealed to IP67
- Rated to 5 million cycles
- ø12mm bushing



ROCKERS

IZ

- Illuminated version
- ø16mm bushing
- Rear mount
- Sealed to IP67
- Available in metal and plastic body
- Momentary or latching function



13000

- 6,35mm (1/4") threaded bushing
- Single or double pole
- Silver or gold plated contacts
- Quick break momentary
- Several cop colors available



IC

- Momentary (NO) with tactile feedback
- Metal bushing
- Sealed to IP67
- Round or square actuator
- Variety of actuator color



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



KR

- Illuminated version
- Sealed up to IP68
- Laser etched symbols
- Wide choice of color
- Unique rocker design



KG

- Illuminated version
- Raised protection bezel
- Sealed to IP65
- Standard symbols available
- Variety of color choices



IL

- Illuminated version
- ø12mm bushing
- Sealed to IP67
- Available with solder lug, PC pins or wire leads
- Reduced bezel option available



10400

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



KL

- Illuminated version
- Single sided locking feature
- Sealed up to IP68
- Laser etched symbols
- Wide choice of color
- Unique rocker design



MT

- Single pole, double throw
- Rocker/Toggle function
- ø17,65mm cutout
- Rated upto6A 125VAC
- Sealed to IP67



IR

- Illuminated version
- ø16mm bushing
- Round or square bezel shape
- Sealed to IP67
- Available with solder lug.
- PC pins or wire leads
- Momentary or latching function



4700 & 4800

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



FM

- Illuminated version
- 16A 125VAC
- Single or double pole
- Protective boot available



S & SR

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



7000

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



2600

- Illuminated version
- 16A 125VAC
- Single or double pole
- 3 rocker shapes
- Peak currents available



PANEL SWITCHES

PCB SWITCHES

JOYSTICKS

SWITCH PANELS

LED INDICATORS

PANEL MOUNT SWITCH SELECTION GUIDE

TOGGLES

12000X778

- High performance for military applications
- Mil STD 3950
- Mil STD 83731
- 11,9mm (15/32") threaded bushing
- Sealed to IP67
- Double shelled case & pinned lever



1000, 1600 & 1700

- 6A 30VDC
- 2&3 maintained position
- Variety of actuator style & colors
- Single pole, 2 & 3 positions
- Optional insulated levers
- Metal lever & bushing



11000

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



4400&4600

- 4A 250VAC
- 1, 2 and 3 pole
- High current/voltage rating in a small case
- Metal or insulated lever
- UL, CSA, VDE



3500

- Industrial grade and fully sealed
- 15A 28VDC
- Single or double pole
- 11,9mm (15/32") bushing
- Sealed to IP67
- Variety of lever style available



6000

- 6,5A 30VDC
- 1, 2, 3 and 4 poles
- Solder, screw or quick-connect terminals
- Sealing and locking lever options



12000

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



ZL

- Single pole
- ø4.83 mm threaded bushing
- Silver or gold plated contacts
- Epoxy sealed
- Additional actuator lengths available



5000 & ST

- Miniature toggle with 6 bushing options
- 17 different actuator style
- 2, 3 and 4 pole
- 8 functions including maintained and momentary
- UL, CSA, CECC approved
- Solder lug or PC terminals
- Ultra rugged SPDT & DPDT models



10600

- Single or double pole
- 2&3 positions
- 10mm, threaded bushing
- Matt black available



3600NF

- 6A 250VAC
- Single or double pole
- Sealed to IP67
- UL listed



1500

- 6A 250VAC
- Single pole, 2 & 3 maintained positions
- Insulated lever & bushing
- Variety of actuator styles & colors
- UL listed



55000

- VDE approved
- Miniature toggle with 2 bushing option
- 17 different actuator style
- 1 - 2 pole, with added electrical insulation
- 2 functions : maintained and momentary



600H & 600HN

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



SWITCH GUARDS

CSG

- For series 5000 and 600H
- Lightweight switch guard
- Support plate in thermoplastic



MSG

- For series 12000, 3500, 6000
- Rugged switch guard
- No distortion or break in case of crushing
- Resistant to hydrocarbons, acids, saline environment, high temperatures
- Marking available
- Optional seals



CAPACITIVE

CP

- Momentary or latching
- Autocalibration
- No moving mechanical parts to wear out
- Bushing diameter 16, 19 or 22mm
- Impervious to dust and dirt
- Resistant to harsh chemicals and contaminants
- Illuminated ring in option



CG

- Momentary
- Autocalibration
- Easy installation, immediate use
- No panel cut-out needed
- Under-panel mounting : easily cleaned, robust, sealed
- Long life adhesive, resistant to vibrations
- Customisable colours and markings
- Dot illumination option



OTHER

- For series 12000, 3500, 600H, 6000
- Support plate in matt black steel
- Different shapes for bushing or switch guards
- Cap engraving available



ANTI VANDAL SWITCHES

AV 30 mm

- Large bushing diameter of 30 mm
- Momentary NC/NO
- Robustness: IK06
- Illuminated ring in option with 7 different colors available
- IP67 sealing



AV 22 mm

- Anti vandal or security pushbutton
- UL approved for antivandal model
- Flat, curved or recessed actuator style
- Marking, illumination available
- IP65 sealing in option



PIEZO

PBA

- Bushing diameter 16, 19 or 22 mm
- Sealed to IP68 and IP69K
- Easy to clean metal surface
- Ring or dot illumination



PBA ATEX

- Approved according to the ATEX 94/9/CE directive
- Sealed to IP66
- Easy to clean metal surface
- Ring or dot illumination



AV 250VAC

- Bushing diameter 16, 19 or 22 mm
- Latching
- Flat or curved actuator available
- IP65 sealing in option
- EN61058-1 approved



AV 19 mm

- Anti vandal or security pushbutton
- UL approved for anti vandal models
- Flat or curved actuator style
- Marking, illumination available
- IP65 sealing in option



AV 24 mm

- Large actuator of 24 mm
- Momentary (NC/NO)
- Flat, curved or recessed actuator style
- IP65 sealing in option



AV 16 mm

- Security pushbutton
- Flat or curved actuator style
- IP65 sealing in option



PANELSG1607A

EMERGENCY STOP SWITCH SELECTION GUIDE

A01ES-D Series Compact modern design

- Panel Mount Ø16mm
- IP65 panel sealed
- Certified to EN60947-5-5
- Twist to release actuators
- Up to 2 pole positive break
- Contact rating 6A 240VAC
- 5 different prominent actuators
- Operating temperature -20° C to +55° C



A02ES-H Series High security, fail safe construction

- Panel Mount Ø22mm
- IP65 panel sealed
- Terminals IP20 (finger safe)
- Pull or twist to release actuators
- Certified to EN60947-5-5, EN60547-5-1 UL508 and CSA
- Up to 2 pole positive break + single pole normally open
- Contact rating AC-12, 3A 250VAC / DC-12, 2A 30VDC
- Operating temperature -25° C to +60° C



ES Series Heavy duty

- Panel mount Ø22mm
- IP69K panel sealed
- 100,000 cycles
- PCB or solder lug terminals
- IK10 impact
- Push/Pull



A02ES-I Series Compact modern design

- Panel Mount Ø22mm
- IP65 panel sealed
- Certified to EN947-5-5
- Twist to release actuators
- Up to 2 pole positive break
- Contact rating 6A 240VAC
- Illuminated actuator option
- Operating temperature -20° C to +55° C



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PCB SWITCHES

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LED INDICATORS

INDUSTRIAL CONTROL SWITCH SELECTION GUIDE

A01 Series Pushbutton & indicators

- Panel Mount Ø16mm, IP65 sealed
- Rectangular, square, round bezels
- Up to 4 pole changeover
- Contact rating - 6A 240VAC
- LED's 6VDC to 48VDC
- Bi-colour options



A01 Series Keylocks & Selectors

- Panel Mount Ø16mm
- IP65 panel seal
- Maintained & momentary functions
- Up to 4 pole changeover
- Contact rating 6A 240VAC
- Non-removable key positions



A1 Series - Aluminium Pushbutton & indicators

- Panel Mount Ø22mm, IP65 panel seal
- Up to 4 pole changeover
- LED's 6VDC to 48VDC
- Bi-colour options
- Aluminium chemically etched screens or polyester inserts



A02 Series Pushbutton & indicators

- Panel Mount Ø22 or 30mm
- IP65 panel sealed
- Latching & momentary functions
- Contact rating 16A 240VAC
- LED's 6VDC to 48VDC + Bi-colour options
- Engraved screens or legend inserts



A02 Series Keylocks & Selectors

- Panel Mount Ø22 or 30mm
- IP65 panel sealed
- Maintained & momentary functions
- Contact rating 16A 240VAC
- Non-removable key positions
- Custom moulded key



A03 Series Pushbutton & indicators

- Panel Mount Ø22 or 30mm
- IP65 panel sealed
- Latching & momentary functions
- Contact rating 6A 240VAC
- LED's 6VDC to 48VDC
- Bi-colour options



A3 Series - Aluminium Pushbutton & indicators

- Panel Mount Ø30mm
- IP65 panel sealed
- Latching & momentary functions
- Up to 4 pole changeover
- Aluminium chemically etched screens or polyester inserts



306 Series Stop/Start pushbutton

- Switch with low volt release and emergency stop auxiliary input.
- Power is reset to off if E-stop switch is activated or supply is interrupted



LK Series Keylocks

- Panel Mount Ø19mm
- 5 tumbler single sided bitted key
- Maintained & momentary functions
- Up to 4 pole positions
- Overmoulded key option



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