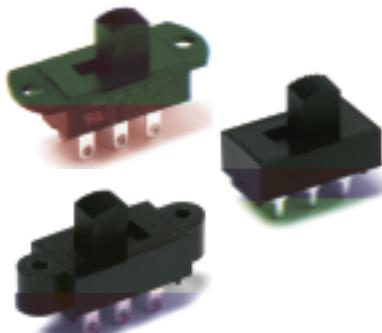


S Series Slide Switches



Features/Benefits

- **6 to 15 AMPS**
- **Enclosed housing**
- **PC and Snap-in panel mounting**
- **Reversing option**
- **RoHS compliant**

Typical Applications

- **Portable tools**
- **Small appliances**
- **Floor care products**



Models Available

J
Slide

Specifications

CONTACT RATING: Q contact material (S1XX, S2XX Models): 6 AMPS @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC (UL/CSA). (S5XX, S6XX Models): 12 AMPS @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC (UL/CSA). (S7XX, S8XX Models): 15 AMPS @ 125 V AC; 6AMPS @ 250 V AC (UL/CSA). See page J-31 for additional ratings.

ELECTRICAL LIFE: 10,000 make-and-break cycles at full load.

CONTACT RESISTANCE: Below 10 m Ω typ. initial
@ 2-4 V DC, 100 mA, for both silver and gold plated contacts.

INSULATION RESISTANCE: 10⁹ Ω min.

DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.

OPERATING TEMPERATURE: -30°C to +65°C

STORAGE TEMPERATURE: -30°C to +85°C

Materials

HOUSING: 6/6 nylon (UL94V-2), black.

TOP PLATE: 6/6 nylon (UL94V-2), black.

ACTUATOR: 6/6 nylon (UL94V-2), black (standard).

CONTACTS: Q contact material: Copper, silver plated. See page J-31 for additional contact materials.

TERMINALS: Q contact material: Copper, silver plated. See page J-31 for additional contact materials.

CONTACT SPRING: Music wire or stainless steel.

TERMINAL SEAL: Epoxy.

NOTE: Any models supplied with Q, B or G contact material are RoHS compliant.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages J-29 through J-32. For additional options not shown in catalog, consult Customer Service Center.



Switch Function

S101 SPST, 6 AMPS
S202 (DPDT, 6 AMPS
S802 DPDT, 15 AMPS
S102 SPDT, 6AMPS
S112 SPDT, mom., 6 AMPS
S201 DPST, 6 AMPS
S602 DPDT, 12 AMPS
S701 SPST, 15 AMPS
S702 SPDT, 15 AMPS

Actuator

03 .335" high
04 .500" high
09 .250" high
12 Screwdriver slot (with marking)
13 Screwdriver slot (without marking)
C2 Black cap
C3 Red cap
C5 Yellow cap

Detent

1 With detent
2 Without detent

Mounting Style

SS Panel with mounting ears
MS PC thru-hole
S2 Snap-in panel with blacktop plate
TS Panel with mounting ears

Terminations

03 Solder lug with hole
02 PC Thru-hole
04 PC Thru-hole
07 Quick connect
08 PC Thru-hole
WC Wire lead

Housing Markings

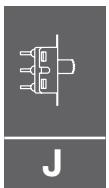
NONE No markings
D ON-OFF
L ON
M ON-OFF
N Red rectangle on one end

Contact Material

Q Silver
B Gold
G Gold over silver

Seal

NONE No seal
E Epoxy seal



Slide



20 KALB

W 50 L E Y



S Series Slide Switches

DETENT

1 WITH DETENT

Standard with all maintained models: S101, S102, S201, S202, S602, S701, S702, and S802.

2 WITHOUT DETENT

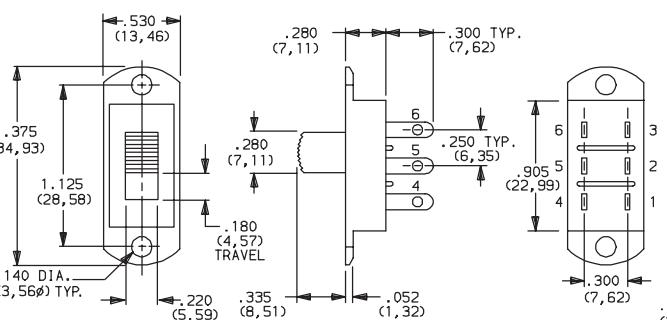
Standard with all momentary models: S112.

MOUNTING STYLE

SS PANEL WITH MOUNTING EARS



S202031SS03Q
DPDT



PANEL MOUNTING

AVAILABLE WITH:

Models: S101, S102, S112, S201, S202 and S602

Terminations: All except 08

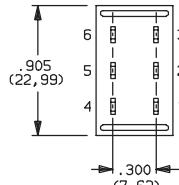
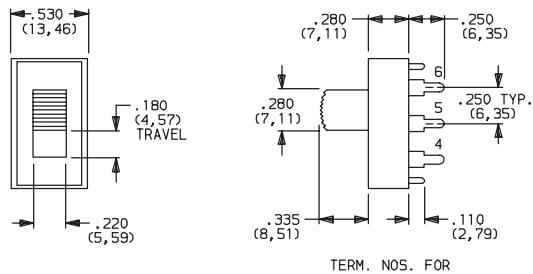
Actuators: 03, 04, 09, 12*

*12 and 13 actuators not available with S1XX models.

MS PC THRU-HOLE



S202031MS02Q
DPDT



AVAILABLE WITH:

Models: S101, S102, S112, S201, S202, S602

Terminations: 02, 04 and 08

Actuators: 03, 04, 09, 12* and 13*

*12 and 13 actuators available with S201, S202 and S602 models only.

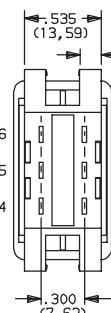
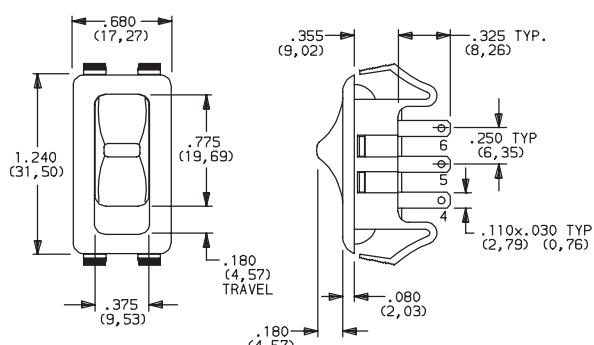
PC MOUNTING

For mounting information, see TERMINATIONS section, page J-30.

S2 SNAP-IN PANEL



S802C21S207Q
DPDT



PANEL MOUNTING

PANEL THICKNESS:

.020(0,57)–.200(5,08)

AVAILABLE WITH:

Models: S701, S702,

and S802

Terminations: 04, 07, 57 and WC

Actuators: C2, C3, C5 and 03

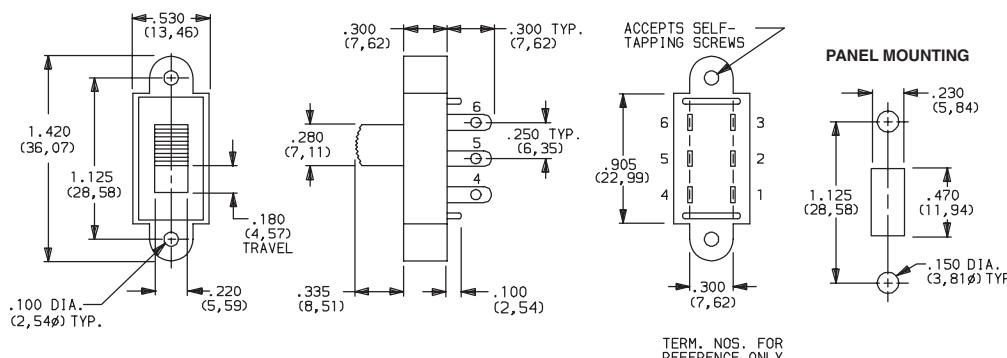


Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

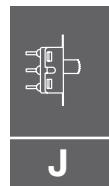
S Series Slide Switches

MOUNTING STYLE

TS PANEL WITH MOUNTING EARS



S202031TS03Q
DPDT

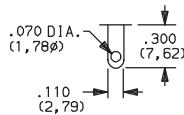


Slide

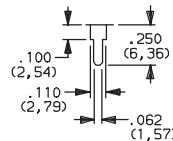
AVAILABLE WITH:
Models: S201, S202, and S602
Terminations: All
Actuators: 03, 04 and 12.

TERMINATIONS

03 SOLDER LUG WITH HOLE

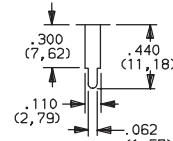


02 PC THRU-HOLE



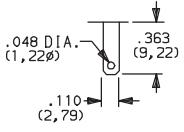
Recommended with 'MS' mounting style only.

04 PC THRU-HOLE

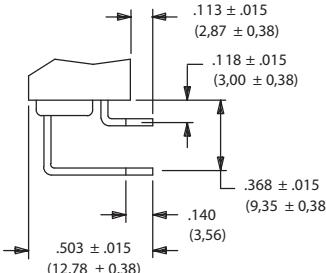


Recommended with double pole models only.

07 QUICK CONNECT

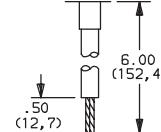


08 PC THRU-HOLE



MS mounting style only.

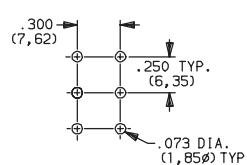
WC WIRE LEAD



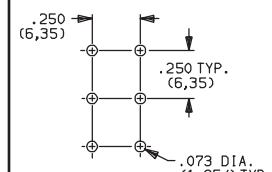
18 AWG wire for S1XX and S2XX models.
16 AWG wire for all other models. Black
wire standard, other colors and lengths
available, consult Customer Service Center.
UL style 1015.

PC MOUNTING

02 & 04 terminations



08 terminations
with MS mounting style.



NOTE: All terminals on S1XX, S2XX and S6XX models are .020 (0,51) thick;
all terminals on S7XX and S8XX models are .031 (0,79) thick.

S Series Slide Switches

TOP PLATE MARKINGS

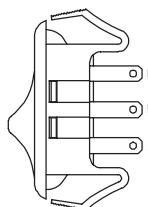
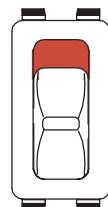
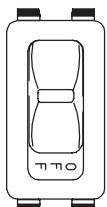
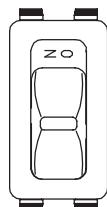
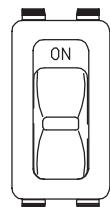
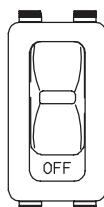
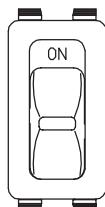
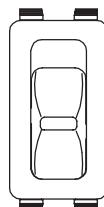
NONE NO MARKINGS

D ON-OFF

L ON

M ON-OFF

N RED RECTANGLE ON ONE END



NOTE: Top plate markings are available with 'S2' mounting style only. The marking color on all top plates with marking options 'D', 'L' and 'M' is white, standard. (except white top plates: marking color is black, standard). The marking color on all top plates with 'N' marking option is red, standard. Other marking colors are available, consult Customer Service Center.

Note: Orientation of actuator markings and terminals.

J
Slide

CONTACT MATERIAL

OPTION CODE	CONTACT MATERIAL	RATINGS	
Q	SILVER ²	POWER	S1XX, S2XX MODELS: 6 AMPS @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC (UL/CSA). S6XX MODELS: 12 AMPS @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC (UL/CSA). S7XX, S8XX MODELS: 15 AMPS @ 125 V AC; 6 AMPS @ 250 V AC (UL/CSA).
B	GOLD ¹	LOW LEVEL/DRY CIRCUIT	0.4 VA MAX. @ 20 V AC OR DC max.
G	GOLD OVER SILVER ³	LOW LEVEL/DRY CIRCUIT OR POWER	S1XX, S2XX MODELS: 0.4 VA MAX. @ 20 V AC OR DC MAX. OR 6 AMPS @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC (UL/CSA). S6XX MODELS: 0.4 VA MAX. @ 20 V AC OR DC MAX. OR 12 AMPS @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC (UL/CSA). S7XX, S8XX MODELS: 0.4 VA MAX. @ 20 V AC OR DC MAX. OR 15 AMPS @ 125 V AC; 6 AMPS @ 250 V AC (UL/CSA).

* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

¹ CONTACTS & TERMINALS: Copper, with gold plate over nickel plate.

NOTE: Any models supplied with Q, B or G contact material are RoHS compliant.

² CONTACTS & TERMINALS: Copper, silver plated (standard with all termination options).

All models with all options when ordered with 'G' or 'Q' contact material.

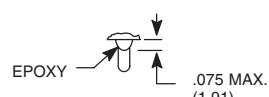
³ CONTACTS & TERMINALS: Copper, with gold plate over nickel plate over silver plate.

NOTE: 'G' contact material is equivalent to both 'B' and 'Q' contact materials.

SEAL

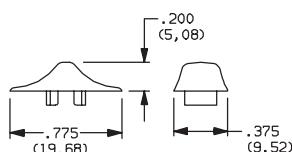
NONE NO SEAL

E EPOXY SEAL



.075 MAX.
(1,91)

Cap, C2; C3 actuators

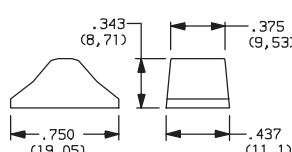


PART NO.

121160100 WHITE
121160200 BLACK
121160300 RED

Material: 6/6 Nylon
Finish: Matte

Cap, 03 actuator



PART NO.

121000101 WHITE
121000102 BLACK
121000103 RED

Material: 6/6 Nylon
Finish: Gloss



Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

NOTE: Other cap colors available, consult Customer Service Center.

C&K