

300 series miniature mom. pushbutton switches



FIG. A
SOLD. LUG
TERMS.



FIG. B
P.C.
TERMS.



FIG. C
BEZEL MT.
SOLD. LUG TERMS.



FIG. D
SOLD. LUG
TERMS.

SPST momentary action. Contact rating 3 amp at 120 VAC or 28 VDC or 1.5 amp at 250 VAC. Operating temp. range -30° C to 85° C. Black nylon actuator. Nickel plated brass bushing. Coin silver contacts. Silver plated brass terms. Epoxy term. seal. Hex. nut and lockwasher included except bezel unit which requires no mtg. hardware. Body size 301, 303 & 305 - .370" dia. x .429" long. .302 & 304 - 370" dia. x .319" long. Bezel & cap color - black for J81 model. Dry ckt. models w/gold over nickel conds. & terms. and rating of 0.4 volt-amps (VA) max. at 20 volts max. also available. To specify, substitute 'B' for 'Q' in model number below.

MODEL NO.	ACTION	TRAVEL	FIG.
301ZQE	Off-(On)	.110" total, .020" min. overtravel	A
301CQE	Off-(On)	.110" total, .020" min. overtravel	B
301SZQEJ81	Off-(On)	.110" total, .020" min. overtravel	C
302ZQE	Off-(On)	.060" total, no overtravel	D
303ZQE	On-(Off)	.055" total, .020" min. pretravel	A
304ZQE	On-(Off)	.040" total, no overtravel	D
305ZQE	Off-(On)	.110" total, .060" min. overtravel	A

400 series min. mom. & maint. pushbutton switches



FIG. A
SOLD. LUG
TERMS.



FIG. B
P.C.
TERMS.



FIG. C
BEZEL MT.
SOLD. LUG TERMS.

SPST latching & mom. action. Contact rating 3 amp at 120 VAC or 28 VDC or 1.5 amp at 250 VAC. Operating temp. range -30° C to 85° C. White nylon actuator. Nickel plated brass bushing. Coin silver contacts. Silver plated brass terminals. Epoxy terminal seal. Panel dress nut and lockwasher included except bezel unit which requires no mounting hardware. Body size .370" dia. x .625" long. Bezel and cap color - black for J81 models. Dry ckt. models w/gold over nickel conds. & terms. and rating of 0.4 volt-amps (VA) max. at 20 volts max. also available. To specify, substitute 'B' for 'Q' in model number below.

MODEL NO.	ACTION	FIG.	MODEL NO.	ACTION	FIG.
401ZQE	On-Off	A	402ZQE	Off-(On)	A
401CQE	On-Off	B	402CQE	Off-(On)	B
401SZQEJ81	On-Off	C	402SZQEJ81	Off-(On)	C

9000 series subminiature mom. pushbutton switches

SP NO & NC actions. Contact rating 100 mA at 30 VDC. Operating temp. range -30° C to 65° C. Black glass polyamide actuator. Gold over nickel plated brass contacts & terminals. PPS case. Nickel plated brass bushing. Epoxy terminal seal. Body size .255" dia. x .314" long for self-cleaning contacts and .240" long for butt action contacts. Mounting nut included for panel mtg. models. Mounts in .165" dia. panel hole.

Self-cleaning contacts

MODEL NO.	ACT.	FIG.
9532CD	NC	A
9533CD	NO	A
9232CD	NC	B
9233CD	NO	B
9232YCD	NC	C
9233YCD	NO	C
9232WWCD	NC	D
9233WWCD	NO	D

butt action contacts

MODEL NO.	ACT.	FIG.
9533NCD	NO	A
9133CD	NO	B
9133YCD	NO	C
9133WWCD	NO	D



FIG. A
SOLD. LUG TERMS.



FIG. B
P.C. TERMS.



FIG. C
P.C. TERMS W/BRKT.



FIG. D
RT. ANGLE P.C.

9000 series miniature mom. pushbutton switches

SP NO, NC & NC/NO mom. actions. Contact ratings: Model no's with 'A' - 0.6 amps at 125 VAC, 0.3 amps at 250 VAC or 1 amp at 30 VDC (silver contacts & terms.). Model no's with 'CD' - 100 mA at 30 VDC. (gold plated contacts & terms.). Operating temp. -30° C to 65° C. Black glass polyamide actuator. X model has metal actuator. Diallyl phthalate case. Nickel plated bushing. Epoxy term. seal. Body size .393" dia. x approx. .334" .466 long. Mtg. hdw. included for panel mtg. models. Mounts in .255" dia. hole.



FIG. A
SOLD. LUG TERMS.



FIG. B
P.C. TERMS.



FIG. C
P.C. TERMS. W/BRKT.



FIG. D
SOLD. LUG TERMS.



FIG. E
P.C. TERMS.



FIG. F
P.C. TERMS/METAL ACT.

MODEL NO.	ACT.	FIG.
9632AB	NC	A
9635AB	NC/NO	A
9432CDB	NC	B
9433CDB	NO	B
9435CDB	NC/NO	B
9432YCDB	NC	C
9433YCDB	NO	C
9435YCDB	NC/NO	C
9633NAB	NO	D
9433NCDB	NO	E
9633AX1146	NO	F

IP series sealed momentary pushbutton switches



FIG. A
ROUND



FIG. B
ROUND



FIG. C
SQUARE



FIG. D
SQUARE

SP NO mom. action with double break. Contact ratings: 500 mA at 48 VAC, 200 mA at 50 VDC or 200 mA at 250 VAC. (gold plated silver contacts). Operating temp. range -40° C to 125° C. Polyamide 6/6 actuator. Zamac bushing & bezel. Bezel color black. PBT UL94V-0 case. Solder lug terminals or 20 AWG flexible wire leads. Totally sealed (per IP 67). Bezel size .688" dia. or square. Body size .472" dia. x approx. 1/2" - 3/4" long. Mounting hardware included. Mounts in .535" dia. panel hole.

MODEL NUMBER	ACT. COLOR	FIG.	MODEL NUMBER	ACT. COLOR	FIG.
IPR3SAD1	Blue	A	IPR3FAD1	Blue	B
IPR3SAD2	Black	A	IPR3FAD2	Black	B
IPR3SAD3	Green	A	IPR3FAD3	Green	B
IPR3SAD5	Yellow	A	IPR3FAD5	Yellow	B
IPR3SAD6	Red	A	IPR3FAD6	Red	B
IPR3SAD9	Orange	A	IPR3FAD7	Orange	B
IPC3SAD1	Blue	C	IPC3FAD1	Blue	D
IPC3SAD2	Black	C	IPC3FAD2	Black	D
IPC3SAD3	Green	C	IPC3FAD3	Green	D
IPC3SAD5	Yellow	C	IPC3FAD5	Yellow	D
IPC3SAD6	Red	C	IPC3FAD6	Red	D
IPC3SAD9	Orange	C	IPC3FAD9	Orange	D

SP series miniature sealed momentary pushbutton switches (p.c. and panel mt.)

Single pole-double throw & double pole-double throw models. On - Mom action. Contact rating 0.4 volt-amps (VA) max. at 20 volts max. (AC or DC). Operating temp. range -20° C to +85° C. Gold over nickel plated brass contacts & terminals. Glass filled polyamide body & actuator, UL94V-0. O-ring bushing seal. Epoxy terminal seal. S.P. body size .500" w x .259" h x .425" d. D.P. body size .500" w x .446" h x .425" d. Panel mounting mo-dels mount in .255" dia. hole with included hardware. Process compatible.