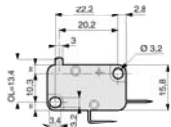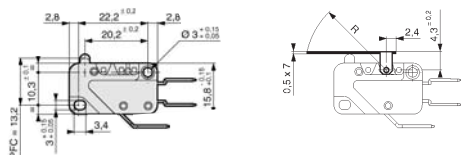Crouzet ®

Positive Opening Miniature Switch

Switch is UL, cUL recognized and CE compliant. Rated for 10A continuous use. Switch operating principle forces the contacts open even in the event of welding. Conforms to IEC 947.5.1. Due to IEC norms, actuator cannot extend beyond the plunger.

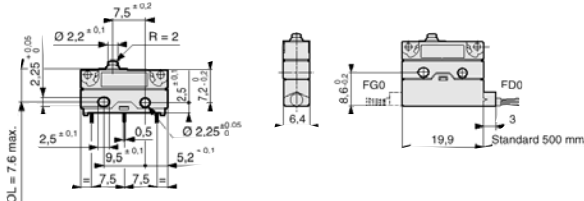| PART NUMBER	DESCRIPTION
831607B2/0	SPNC Solder terminals plunger
831607B3/0	SPNC 1/4˝ Quick connects plunger
831607B6/0	SPNC 3/16˝ Quick connects plunger
831607B2/A	SPNC Solder terminals with flat actuator
831607B3/A	SPNC 1/4˝ Quick connects with flat actuator
831607B6/A	SPNC 3/16˝ Quick connects with flat actuator
831607B2/E	SPNC Solder terminals with roller plunger
831607B3/E	SPNC 1/4˝ Quick connects with roller plunger
831607B6/E	SPNC 3/16˝ Quick connects with roller plunger

Miniature Switch

Switch is UL, cUL recognized and CE compliant. Switch incorporates flexible-blade technology which allows the switch to retain a high contacts pressure throughout the travel of the plunger. This results in long life, lower operating forces with higher current ratings and wide differential between the operate and release force. Actuators can be mounted in three different locations providing various forces and tolerances of the trip point thus, allowing one switch/actuator to perform three different functions. Referenced actuator lengths below are from the standard "B" mounting position. All part numbers listed are with 3/16˝ quick connects. Solder, 1/4˝ and screw terminals are also available.

PART NUMBER	DESCRIPTION
831612C6/0	15.1 Amp pin plunger 120 grams OF
831613C6/0	10.1 Amp pin plunger 80 grams OF
831614C6/0	6 Amp pin plunger 50 grams OF
831615C6/0	4 Amp pin plunger 25 grams OF
831615C6/0SP4136	4 Amp pin plunger 15 grams OF
831619C6/0	0.1 Amp pin plunger 25 grams OF
831619C6/0SP4136	0.1 Amp pin plunger 15 grams OF
831612C6/BB	15.1 A straight lever 1˝ long
831613C6/BB	10.1 A straight lever 1˝ long
831615C6/BB	4 A straight lever 1˝ long
831618C6/BB	0.1 A straight lever 1˝ long
831612C6/CB	15.1 A straight lever 2˝ long
831613C6/CB	10.1 A straight lever 2˝ long
831615C6/CB	4 A straight lever 2˝ long
831612C6/EB	15.1 A short roller 1/2˝ long
831613C6/EB	10.1 A short roller 1/2˝ long
831612C6/GB	15.1 A roller 1˝ long
831613C6/GB	10.1 A roller 1˝ long
831615C6/GB	4 A roller 1˝ long
831619C6/GB	0.1 A roller actuator
831613C6/H2B	10.1 A simulated roller
831613C6/L	10.1 A Threaded barrel pushbutton

Sealed Sub-miniature Switches

Switch is waterproof with an IP67 rating. Terminals version has .110˝ quick connects, solder terminals and various PC board mount configurations. Lead version has 0.50 meter length as standard. Wire or cable output through either side and bottom.

PART NUMBER	DESCRIPTION
831810C1/0	0.1 A pin plunger .110˝ quick connects
831830C1/0	3 A pin plunger .110˝ quick connects
831860C1/0	6 A pin plunger .110˝ quick connects
831800C1/0	10 A pin plunger .110˝ quick connects
831810C2/0	0.1 A pin plunger solder terminals
831860CFD0/0	6 A pin plunger 0.50 mtr wire output
831810C1/BL	0.1 A straight lever 1˝ long
831860C1/BL	6 A straight lever 1˝ long
831860CFD0/BL	6 A straight lever 1˝ long
831810C1/EL	0.1 A roller lever
831860C1/EL	6 A roller lever
831860CFD0/EL	6 A roller lever
831810C1/FL	0.1 A simulated roller
831860C1/FL	6 A simulated roller
831860CFD0/FL	6 A simulated roller

Sub-miniature SPDT-DB switches

Fig. 1   Fig. 2   Fig. 3

Switches are rated for 5A 1/10HP 125/250Vac. The double break is ideal for DC as well as AC currents offering approximately double the life of an equivalent SPDT switch.

PART NUMBER	FIG.	DESCRIPTION
831320C1/0	1	pin plunger .110˝ quick connects
831330C1/0	2	pin plunger .110˝ quick connects
831340C2/0	3	pin plunger PC board mount
831330C1/CL	2	straight actuator 1.4˝
831330C1/FL	2	roller actuator .56˝

Miniature SPDT-DB Switches

Fig. 1   Fig. 2

PART NUMBER	FIG.	DESCRIPTION
831060C3/0	1	10A pin plunger 1/4˝ QC
831540C3/0	2	10A 127Vdc Magnetic Blowout
831060C3/EL	1	Roller lever 1.85˝
831540C3/EL	2	Roller lever 1.85˝

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