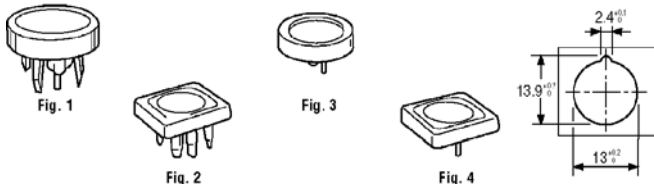


Low Profile Pushbutton Switches

— NEW —



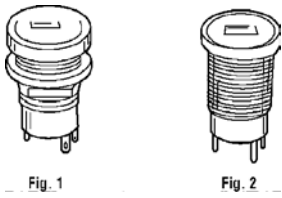
Momentary action 0.750" (19.05) membrane switches for mounting on front panels or PC boards. Flexible polyester foil in various colors. Bezel in black (also available in other color combinations). Ultra low profile 0.157" (4.00) above board. **Rated:** 125 mA @ 48 volts maximum. **Foil Color:** .97 — Black; .93 — Red; .95 — Green. Chrome-plated steel snap dome, gold plated on contact side.

Stock No.	Mfr.'s Type	Fig.	Mounting	EACH
287-1014	1241.1113.7.97*	1	Panel	4.84
287-1015	1241.1112.7.97*	2	Panel	4.84
287-1016	1241.1110.7.97	3	PCB	4.09
287-1017	1241.1108.7.97	4	PCB	4.09
287-1018	1241.1104.7.93	1	Panel	4.43
287-1019	1241.1104.7.95	1	Panel	4.43
287-1020	1241.1100.7.93	1	Panel	4.43
287-1021	1241.1100.7.95	1	Panel	4.43

*With soldering aid.

Rotary 2 and 3 Position Selector Switches

— NEW —



Ideal for chassis mounting, with solder terminals, or for PC board mounting. Figures 1 and 2 have two voltage positions, 110 V. and 220 V. SWM type (not shown) has three selections, 110/150/220 V; easily set by screwdriver or coin. For series-parallel or step transformer connections. Figures 1 and 2 rated 6.3 A/250 V. UL recognized, CSA certified, SEMKO, SEV and VDE approved. SWM rated 10 A/250 V UL/CSA; 6.3 A/250 V, VDE, SEMKO and SEV.

Stock No.	Mfr.'s Type	Fig.	Mounting	Dimensions (Inches)	EACH
287-1022	0033.4501	1	Solder	0.598 × 1.015	3.65
287-1023	0033.4601	2	PC	0.598 × 0.858	3.65
287-1024	0033.4008	—	Solder	0.799 × 0.905	7.56

Vandal Proof, Piezo Electronic and Electro-mechanical Pushbutton Switches

Fig. 1 Vandal-Proof Piezo Switch (Metal or Plastic)

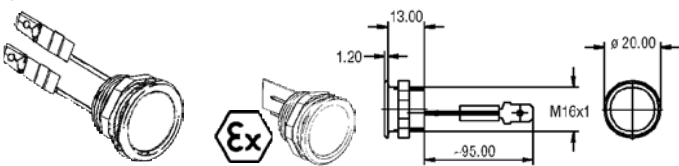


Fig. 2 Vandal-Proof Piezo Switch — "eT" (Metal/Flat Face)

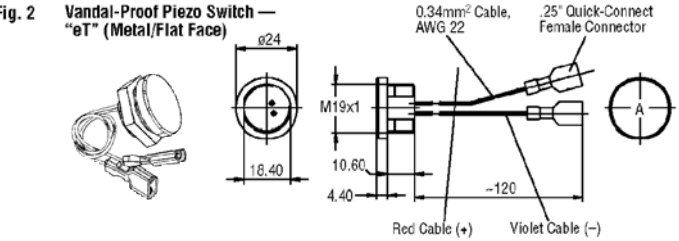


Fig. 3 Vandal-Proof Piezo Switch (Metal/Ring Illumination)



Fig. 4 Vandal-Proof Piezo Switch (Metal/Point Illumination)

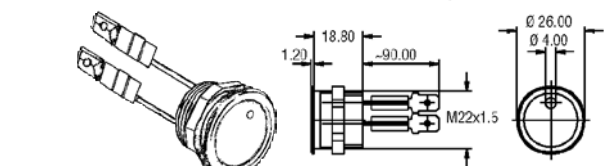


Fig. 5 Vandal-Proof Piezo or Electro-Mechanical Switch with Travel (Metal)

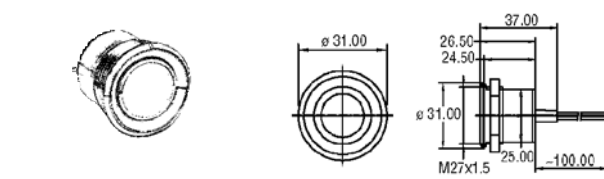
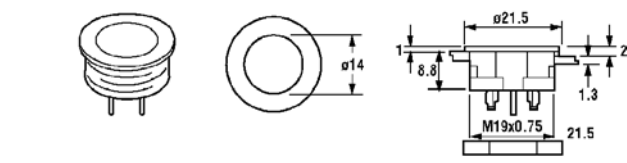


Fig. 6



Schurter's vandal-proof and explosion-proof PSE switch series uses a switching element in which a piezo disk is used as a sensor to transform mechanical force into an electrical voltage. Unlike mechanical switching, piezo switches are fully electronic and do not break down over time. **Rated Lifetime:** >15-20 million operations. No external power is required. The release of the signal can result by use of any object, conductive or not, on the actuator, i.e. finger, pencil, tool, etc. and will only react once the specified amount of pressure is applied. "EX" version meets ignition protection requirements of EN 50020 for intrinsic safety. It is designed for use in potentially explosive environments (ib IIc T4).The non-mechanical, contact free switching system eliminates the hazard of mechanical ignition.

Switches are normally open and are available in anodized aluminum, chromium plated brass and high-grade steel, point or ring illumination. **Operating Temperature Range:** -25°C to +60°C, except for the "eT" for extreme temperatures -40°C to +85°C. **IP Rating:** 67. Versions MCS and LDT with electro-mechanical switching for lower cost. **Lifetime:** MCS — >10⁶ operations; LDT — 10⁶ operations. Terminals are quick disconnect or pins. Other housings, colors, sizes and functions available. Housings with LED indication only and no switching element also available.

Stock No.	Mfr.'s Type	Fig.	Description	Switching Element	Life	Switching Current/Voltage	Terminals	EACH
287-1000	1241.2356	1	Gray plastic	Piezo	>20•10 ⁶	100 mA @ 42 VAC/60 VDC	Quick Connect	14.03
287-1025	1241.3003	1	Anodized aluminum, natural finish	Piezo	>20•10 ⁶	100 mA @ 42 VAC/60 VDC	Quick Connect	21.34
287-1001	1241.2606	1	Stainless steel	Piezo	>20•10 ⁶	100 mA @ 42 VAC/60 VDC	Quick Connect	20.15
287-1010	1241.2615	1	Stainless steel explosion proof	Piezo	>20•10 ⁶	40 mA @ 24 VAC/DC	Terminal Pins	35.17
287-1005	1241.5003	2	Flat faced anodized aluminum for extreme temps. (-40 to +85°C), female	Piezo	>15•10 ⁶	15 A @ 50 VDC	Quick Connect	12.25
287-1006	1241.3010	3	Anodized aluminum with ring illumination (red/green LEDs)	Piezo	>20•10 ⁶	100 mA @ 42 VAC/60 VDC	Wire Leads	68.18
287-1007	1241.3009	4	Anodized aluminum with point illumination (red LED, without resistor)	Piezo	>20•10 ⁶	100 mA @ 42 VAC/60 VDC	Quick Connect	26.81
287-1026	1241.3020	4	Anodized aluminum with point illumination (red LED, with resistor)	Piezo	—	—	Quick Connect	28.63
287-1027	1241.3101	4	Anodized aluminum, unlighted, natural finish	Piezo	—	—	Quick Connect	32.06
287-1028	1241.3067	4	Stainless steel	Piezo	—	—	Quick Connect	26.84
287-1008	1241.2625.8	5	Anodized aluminum with travel	Piezo	>20•10 ⁶	100 mA @ 42 VAC/60 VDC	Wire Leads	36.75
287-1009	1241.2627.8	5	Anodized aluminum with travel	Electro-mechanical	>10 ⁶	200 mA @ 60 VAC/50 VDC	Wire Leads	25.72
287-1029	1241.2800	6	Stainless steel actuator	Electro-mechanical	>10 ⁶	125 mA @ 48 VDC	Terminal Pins	6.53