

## ITW SERIES 39-7: (20 mA) ULTRA-MINIATURE LIGHTED PUSHBUTTON SWITCHES

This switch was developed for designs with minimal PCB space and maximum switching requirements. With crisp action, process compatibility and clear bright LED indication, these switches form efficient and attractive arrays of highly dense, yet easy to use control stations.

LED Characteristics		
LED Color	V <sub>F</sub> Max	I <sub>F</sub> Max
Red	2.0	20mA
Green	2.5	20mA
Yellow	2.5	20mA

**Specification:**

- Circuit: SPST-NO-DB (Form X)
- Rating: Logic level (5VDC, 5mA TYP)

**Features:**

- Resistance to high temps
- Logic level switching
- Gold contacts
- PC mounting/SMT LED
- 3 year warranty

**Applications:**

- Computers
- Hand-held instruments
- Portable peripherals
- Audio equipment



RoHS Compliant

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	ITW Switches Part No.	Fig.	Switch Function	LED Color	Price Each			
					1	10	25	50
<a href="#">850-39-712200</a>	39-712200	A	Momentary	Red	6.72	6.40	6.08	5.76
<a href="#">850-39-712300</a>	39-712300	A	Momentary	Green	6.72	6.40	6.08	5.76
<a href="#">850-39-713400</a>	39-713400	A	Maintained	Yellow	8.72	8.30	7.89	7.47

### Accessories for 39-7 Series

MOUSER STOCK NO.	ITW Switches Part No.	Fig.	Description	Price Each			
				1	10	25	50
<a href="#">850-80-397014</a>	80-397014	B	Keycap - Light Gray	.88	.84	.80	.76

## ITW SERIES 59: ZINC ALLOY SEALED PUSHBUTTON SWITCHES

This rugged panel sealed pushbutton is made of a special high creep strength non-spark zinc alloy suitable for use in mining or other potentially explosive atmospheres where dust and moisture are problematic.

**Specification:**

- Switch function: Momentary
- Contact resistance: 50mΩ
- Dielectric strength: 1000VAC
- Current rating: 125mA @ 125VAC
- Panel mounting: 1.5mm - 3mm

**Features:**

- Non-spark material
- Gold contacts
- Impact resistant
- 500,000 life cycles @ max power
- Wide temp range: -55°C to +125°C
- Panel sealed to IP67
- Nut and sealing washer included
- 3 year warranty

**Applications:**

- Communications
- Instrumentation
- Data processing
- Process controls
- Transportation/material



RoHS Compliant

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	ITW Switches Part No.	Fig.	Bezel Style	Button Color	Price Each			
					1	10	25	50
<a href="#">850-59-111</a>	59-111	C	Round	Black	9.09	8.66	8.23	7.79
<a href="#">850-59-112</a>	59-112	C	Round	Red	10.26	9.77	9.28	8.79
<a href="#">850-59-113</a>	59-113	C	Round	Green	9.09	8.66	8.23	7.79
<a href="#">850-59-211</a>	59-211	D	Square	Black	9.09	8.66	8.23	7.79
<a href="#">850-59-212</a>	59-212	D	Square	Red	10.40	9.90	9.40	8.91
<a href="#">850-59-213</a>	59-213	D	Square	Green	10.40	9.90	9.40	8.91
<a href="#">850-59-311</a>	59-311	E	High Round	Black	11.31	10.77	10.23	9.69
<a href="#">850-59-312</a>	59-312	E	High Round	Red	10.29	9.80	9.31	8.82
<a href="#">850-59-313</a>	59-313	E	High Round	Green	10.29	9.80	9.31	8.82

## ITW SERIES 76-97: PANEL SEALED PUSHBUTTON SWITCH

The Series 76-97 is robust. The switch body and button are made from hard-wearing plastic and produced in front mounting style. The buttons have a brightly dual-colored switch indicator which gives an "at a glance" recognition of the mode currently in use.

**Specification:**

- Contact resistance: 25mΩ
- Dielectric strength: 1000VRMS
- Current rating: 10A resistive 250VAC
- Contact material: Fine silver

**Features:**

- Solder terminals
- Status indication
- Panel sealed to IP67
- Wide temp range: -40°C to +105°C
- Nut and sealing washer included
- 3 year warranty

**Applications:**

- Industrial machinery
- Mining equipment
- Material handling
- Process controls

**Note:** 2-pole switch is provided separately from switch body and must be fitted after the switch body has been mounted in the panel.



RoHS Compliant

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	ITW Switches Part No.	Fig.	Switch Function	Button/Ring Color	No. of Poles	Price Each			
						1	10	25	50
<a href="#">850-76-9711/4044B</a>	76-9711/4044B	F	Momentary	Black/Red	1	43.04	40.99	38.94	36.89
<a href="#">850-76-9711/4044R</a>	76-9711/4044R	F	Momentary	Red/Yellow	1	36.89	35.13	33.38	31.62
<a href="#">850-76-9712/4044B</a>	76-9712/4044B	F	Maintained	Black/Red	1	39.12	37.26	35.40	33.53
<a href="#">850-76-9712/4044R</a>	76-9712/4044R	F	Maintained	Red/Yellow	1	39.12	37.26	35.40	33.53

## ITW SERIES 57: MINIATURE VANDAL RESISTANT SEALED PUSHBUTTON SWITCHES

This rugged miniature, momentary action, sealed switch series is ideal for a variety of applications in harsh environments where durability is key.

**Specification:**

- Contact resistance: 50mΩ
- Switching power: 16VA AC
- Current rating: 125mA - 400mA
- Contact form: SDST

**Features:**

- Non-spark material
- Impact resistant
- Panel sealed to IP67
- Gold plated palladium nickel contacts
- Wide temp range: -40°C to +125°C
- Nut and sealing washer included
- 3 year warranty

**Applications:**

- Security access controls
- Computers
- Military/aerospace
- Transportation



RoHS Compliant

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	ITW Switches Part No.	Fig.	Lighted	LED Color	Price Each			
					1	10	25	50
<a href="#">850-57-111</a>	57-111	G	No	-	17.80	16.95	16.10	15.25
<a href="#">850-57-112R</a>	57-112R	H	Yes	Red	19.33	18.40	17.49	16.56
<a href="#">850-57-112G</a>	57-112G	H	Yes	Green	19.33	18.40	17.49	16.56
<a href="#">850-57-112B</a>	57-112B	H	Yes	Blue	33.72	31.06	29.28	28.52

## ITW SERIES 76-95: 10A VANDAL RESISTANT PUSHBUTTON SWITCHES

This low profile switch makes it difficult to pry the switch from its mounting. Uses Butterfly® snap action switches for switching loads up to 10.1 Amps.

**Features:**

- Wide temp range: -30°C to +105°C
- Panel sealed to IP67
- Solder terminals
- 3 year warranty

**Applications:**

- Industrial equipment
- Military/aerospace
- Transportation

**Specification:**

- Contact resistance: 50mΩ
- Dielectric strength: 1,000VAC for 1 minute



RoHS Compliant

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	ITW Switches Part No.	Fig.	Contact	Circuit	Price Each			
					1	10	25	50
<a href="#">850-76-9510/530004</a>	76-9510/530004	I	Silver	SPDT-DB	37.49	35.71	33.92	32.14

