


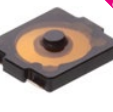
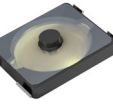
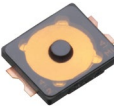



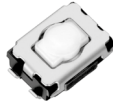
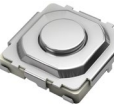




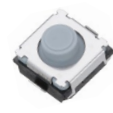
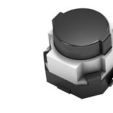
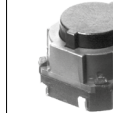
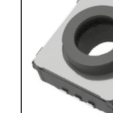
# ELECTROMECHANIC

## LIGHT TOUCH SWITCH & DETECTOR SWITCH SELECTION GUIDE

### LIGHT TOUCH SWITCHES (SMD – short stroke) TOP PUSH

												
SERIES	EVPBB	EVPBL	EVPAAW	EVPAY	EVPAF	EVPBA	EVPAX	EVO6P6 EVO7P6 EVO9P6 EVQP6	EVPAA	EVQP2 EVQP9	EVQ3PL EVQ5PL EVQPL	EVQPO EVQQ2
External Dimensions L x W x H (mm)	2.6 x 1.6 x 0.53	2.8 x 1.9 x 0.53 2.8 x 1.9 x 0.57	3.0 x 2.0 x 0.6	3.4 x 2.9 x 1.7	3.0 x 2.6 x 0.65	3.0 x 2.6 x 0.58	3.0 x 2.6 x 0.7	4.1 x 4.1 x 0.35 4.1 x 4.1 x 0.43 4.1 x 4.1 x 0.58	3.5 x 2.9 x 1.7	4.7 x 3.5 x 2.1 4.7 x 3.5 x 2.5	4.9 x 4.9 x 0.8 4.9 x 4.9 x 1.5	6.5 x 6.0 x 2.0 6.5 x 6.0 x 2.5 6.5 x 6.0 x 3.1
Travel (mm)	0.11	0.15	0.13, 0.15	0.15	0.15	0.13	0.07, 0.16	0.25	0.15	0.25	0.25	0.25, 0.30
Operating Force (N)	0.7, 1.0, 1.6, 2.4	1.6, 2.25, 3.1	1.2, 1.6, 2.4, 3.1	1.6, 2.4	1.3, 1.6, 2.4, 3.4	1.8	0.7, 2.0 Double Action	1.0, 1.6, 2.4	1.0, 1.6, 2.4, 3.5, 5.0, 7.0	1.0, 1.6, 2.4, 3.5, 5.0	1.0, 1.6, 2.6	0.5, 0.6, 1.0, 1.3, 1.6, 2.6, 3.5
Operating Life (Cycles)	500k	300k	300k	500k	100k	100k	100k	1M, 500k, 200k	1M, 200k	1M, 500k, 200k	500k, 200k	2M, 1M, 200k, 100k

### LIGHT TOUCH SWITCHES (SMD – mid / long stroke) TOP PUSH

					
SERIES	EVQ3P2 EVQP9	EVPBD	EVPAS	EVQQ1	EVPAD
External Dimensions L x W x H (mm)	4.7 x 3.5 x 2.1 4.7 x 3.5 x 2.5	6.0 x 6.0 x 4.0	6.0 x 6.1 x 5.0	8.5 x 8.5 x 6.5	9.8 x 9.8 x 4.7
Travel (mm)	0.70	0.75	1.0, 1.3	1.0	1.0
Operating Force (N)	2.5, 3.5, 5.0	3.5	1.6, 2.0, 2.2, 2.5, 3.0, 3.5	4.0, 5.0	4.0
Operating Life (Cycles)	1M, 500k, 200k	100k	100k, 30k	100k	100k

## FEATURES

- > Wide range of size and operating forces
- > Very low contact resistance due to silver contacts
- > High contact reliability
- > Mostly temperature range from -40 up to +85°C
- > Excellent tactile behaviour
- > Long life types available, up to 2M cycles
- > Variety of IP67 switches available
- > Excellent shock and vibration resistance
- > Ultra slim tough contact technology



Medical Devices



Wearable



Automotive



General Industry

# ELECTROMECHANICAL

## LIGHT TOUCH SWITCH & DETECTOR SWITCH SELECTION GUIDE

### LIGHT TOUCH SWITCHES (SMD – short / mid stroke) SIDE PUSH

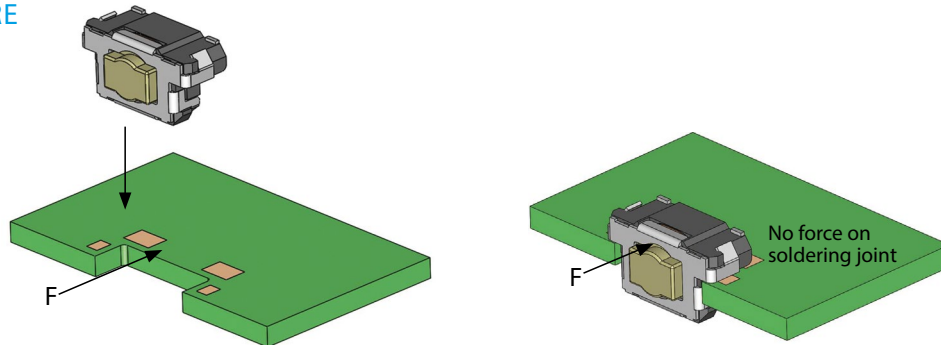


### DETECTOR SWITCHES (SMD) SIDE PUSH / TOP PUSH



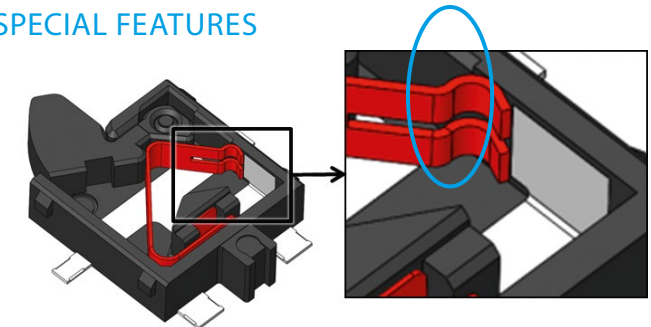
SERIES	EVPAT	EVPAK	EVPVAV	EVPAE	EVQP4	EV PAN	EVQ9P7 EVQP3 EVQP7	EVQPU	ESE13	ESE16	ESE18	ESE22	ESE24
External Dimensions L x W x H (mm)	3.4 x 1.7 x 1.105	3.9 x 1.9 x 1.6	2.8 x 2.3 x 1.95	4.5 x 2.2 x 2.9	6.2 x 2.55 x 3.5	3.5 x 2.9 x 1.2	3.5 x 2.9 x 1.35	4.7 x 3.5 x 1.65	4.2 x 3.6 x 1.2	2.2 x 3.35 x 1.5	4.0 x 4.4 x 1.2	5.7 x 1.9 x 4.1	7.5 x 3.0 x 5.6
Travel (mm)	0.11	0.12	0.13	0.15	0.25, 0.70	0.2	0.2	0.3	2.15, 3.05	01.05	1.4, 2.15	2.2	6.1
Operating Force (N)	1.6	1.6	1.6	1.6, 3.0, 3.5	1.0, 1.6, 2.4, 2.5, 3.5, 5.0	1.6, 2.2	1.6, 2.2	1.6, 2.2	0.3	0.25	0.3	0.3	0.35
Operating Life (Cycles)	500k	200k	300k	200k	200k, 500k, 1M	100k	100k	100k	50k	50k	50k	50k	50k

#### SPECIAL FEATURE



Self-Alignment Effect – stressless solder joint during actuation

#### SPECIAL FEATURES



Double Contact & Self-Cleaning Effect

