

OMRON® Momentary Tact Switches (Cont.)

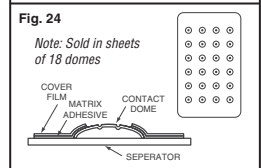
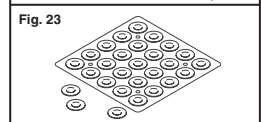
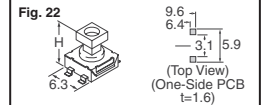
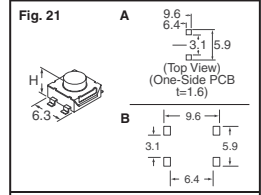
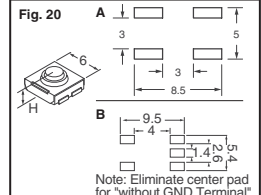
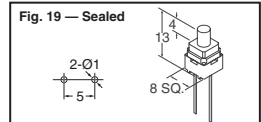


Fig.	Description	Dim. H (mm)	Digi-Key Part No.	1	25	50	100	Omron Part No.
14	Key Cap 12 x 12mm Black, Fits 12mm Projected Actuator Types	12.0	SW455-ND	.24	5.43	9.66	17.39	B32-1310
	Key Cap 12 x 12mm Orange, Fits 12mm Projected Actuator Types	12.0	SW956-ND	.24	5.43	9.66	17.39	B32-1320
	Key Cap 12 x 12mm Yellow, Fits 12mm Projected Actuator Types	12.0	SW257-ND	.24	5.43	9.66	17.39	B32-1330
	Key Cap 12 x 12mm Blue, Fits 12mm Projected Actuator Types	12.0	SW258-ND	.24	5.43	9.66	17.39	B32-1340
	Key Cap 12 x 12mm Green, Fits 12mm Projected Actuator Types	12.0	SW957-ND	.24	5.43	9.66	17.39	B32-1350
	Key Cap 12 x 12mm White, Fits 12mm Projected Actuator Types	12.0	SW259-ND	.24	5.43	9.66	17.39	B32-1360
	Key Cap 12 x 12mm Light Green, Fits 12mm Projected Actuator Types	12.0	SW958-ND	.27	6.07	10.79	19.42	B32-1370
	Key Cap 12 x 12mm Red, Fits 12mm Projected Actuator Types	12.0	SW260-ND	.24	5.43	9.66	17.39	B32-1380
	Key Cap 9.5mm Diameter, Black, Fits 12mm Projected Actuator Type	—	SW847-ND	.34	7.63	13.57	24.43	B32-1610
	Key Cap 9.5mm Diameter, Orange, Fits 12mm Projected Actuator Type	—	SW959-ND	.34	7.63	13.57	24.43	B32-1620
15	Key Cap 9.5mm Diameter, Yellow, Fits 12mm Projected Actuator Type	—	SW848-ND	.34	7.63	13.57	24.43	B32-1630
	Key Cap 9 x 9mm Light Grey, Fits 6mm Projected Actuator Types	9.0	SW891-ND	.27	6.08	10.81	19.46	B32-1400
6mm Long Stroke Tact Switch								
16	Tact Switch with Long Stroke and Positive Click — 70gf	7.3	SW426-ND	.71	16.08	28.58	51.44	B3M-6009
NEW! 6mm Middle Stroke Tact Switch NEW!								
20A	SMT Sealed Tact Switch with Middle Stroke and Crisp Clicking Action — 200gf	3.4	SW1064CT-ND†	.61	13.67	24.30	43.74	B3SL-1002P
	SMT Sealed Tact Switch with Middle Stroke and Crisp Clicking Action — 200gf	3.4	SW1064TR-ND‡	—	607.50/2,000	—	—	B3SL-1002P
	SMT Sealed Tact Switch with Middle Stroke and Crisp Clicking Action — 200gf	5.1	SW1065CT-ND†	.64	14.43	25.65	46.17	B3SL-1022P
	SMT Sealed Tact Switch with Middle Stroke and Crisp Clicking Action — 200gf	5.1	SW1065TR-ND‡	—	484.79/1,400	—	—	B3SL-1022P

† Tape and Reel ‡ Cut Tape

Fig.	Description	Dim. H (mm)	Digi-Key Part No.	1	25	50	Digi-Key Part No.	Tape and Reel Qty.	Pricing	Omron Part No.
6mm Auto Placement; Flat Actuator (not washable)										
17	Tact Switch Auto-Placement 6mm Square — 100gf	4.3	SW263CT-ND†	.35	7.90	14.04	SW263TB-ND‡	1,000	175.50	B3F-6000BYOMZ
	Tact Switch Auto-Placement 6mm Square — 150gf	4.3	SW797-ND	.33	7.32	13.02	—	—	—	B3F-6002BYOMZ
	Tact Switch Auto-Placement 6mm Square — 100gf	5.0	SW796-ND	.35	7.84	13.94	—	—	—	B3F-6050BYOMZ
	Tact Switch Auto-Placement 6mm Square — 150gf	5.0	SW264CT-ND†	.36	8.13	14.45	SW264TB-ND‡	1,000	180.63	B3F-6022BYOMZ
6mm Auto Placement; Projected Actuator (not washable)										
18	Tact Switch Auto-Placement 6mm Square — 100gf	7.3	SW798-ND	.40	9.03	16.05	—	—	—	B3F-6050
	Tact Switch Auto-Placement 6mm Square — 150gf	7.3	SW799-ND	.37	8.28	14.72	—	—	—	B3F-6052BYOMZ
19	Tact Switch Auto-Placement, Water Tight, Dust Sealed	—	SW425CT-ND†	.55	12.28	21.83	SW425TB-ND‡	1,000	272.88	B3WN-6002
6mm Process Sealed (not water washable)										
20B	SMT Flat Actuator without Ground Terminal — 160gf	3.1	SW261CT-ND†	.75	16.93	30.09	SW261TR-ND	3,000	376.13/M	B3SN-3012P
	SMT Flat Actuator with Ground Terminal — 160gf	3.1	SW262CT-ND†	.75	16.93	30.09	SW262TR-ND	3,000	376.13/M	B3SN-3112P
21A	SMT Tact Switch 6mm Square (snap-action) — 100gf	3.1	SW423CT-ND†	.49	10.98	19.52	SW423TR-ND	3,000	292.80/M	B3FS-1000P
	SMT Tact Switch 6mm Square — 160gf	4.3	SW836CT-ND†	.59	13.35	23.73	SW836TR-ND	1,000	296.63	B3S-1000P
	SMT Tact Switch 6mm Square (snap-action) — 150gf	3.1	SW424CT-ND†	.49	10.98	19.52	SW424TR-ND	3,000	292.80/M	B3FS-1002P
	SMT Tact Switch 6mm Square — 230gf	4.3	SW837CT-ND†	.62	13.96	24.82	SW837TR-ND	1,000	310.25	B3S-1002P
	SMT Tact Switch 6mm Square — 160gf	4.3	SW844CT-ND†	.56	12.70	22.58	SW844TR-ND	1,000	282.25	B3S-1100P
	SMT Tact Switch 6mm Square — 150gf	4.3	SW1082-ND NEW!	.54	12.24	21.76	—	—	—	B3FS-1012
6mm Process Sealed; Projected Actuator (not water washable)										
22	SPST Tact Switch 6mm Square (snap-action) — 100gf	7.3	SW791-ND	1.26	28.41	50.50	—	—	—	B3FS-1050
	SPST Tact Switch 6mm Square (snap-action) — 150gf	7.3	SW792-ND	1.26	28.41	50.50	—	—	—	B3FS-1052
Ultra-low Profile Dome										
23	Dome Key, Stainless Steel, 4mm diameter	—	SW978-ND	.26	5.83	10.37	—	—	—	B3D-4112
	Dome Key, Stainless Steel, 5mm diameter	—	SW979-ND	.26	5.83	10.37	—	—	—	B3D-5112
24	Dome Array Sheet, Stainless Steel, 5mm diameter	—	SW1018-ND	2.75	61.79	109.85	—	—	—	B3DA-0000-A
	Dome Array Sheet, Stainless Steel, 4mm diameter	—	SW1019-ND	2.75	61.79	109.85	—	—	—	B3DA-0010-A

† Tape and Box ‡ Cut Tape



Illuminated Tact Switches

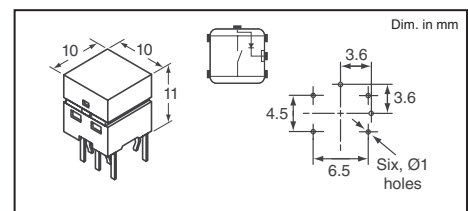


Features: • Bright and uniform illumination • Uniquely constructed diffusion panel • Snap-action contact construction for a positive click action • High contact reliability • Sealed switch part provides high contact reliability against dust

Specifications: • **Switching Capacity:** 50mA, 24VDC (resistive load) • **Contact Resistance:** 100mΩ max-

imum • **Bounce Time:** 5ms maximum • **Vibration Resistance:** Malfunction: 10 ~ 55 Hz, 1.5mm double amplitude • **Shock Resistance:** Destruction: 1,000 m/s² (approximately 100G) maximum, Malfunction: 100 m/s² (approximately 10G) maximum • **Ambient Operating Temperature:** -25°C ~ 70°C • **Service Life:** • Standard force 1.57 N: 1,000,000 operations minimum • **Contact Configuration:** SPST-NO

Description	Digi-Key Part No.	1	25	50	Omron Part No.
Single Red LED, Red Cap	SW1034-ND	2.46	2.22	1.97	B3W-9000-R1R
Single Green LED, Green Cap	SW1035-ND	2.46	2.22	1.97	B3W-9000-G1G
Single Yellow LED, Yellow Cap	SW1036-ND	2.46	2.22	1.97	B3W-9000-Y1Y
Single Blue LED, Blue Cap	SW1037-ND	3.96	3.57	3.17	B3W-9000-B1B
Dual Red-Green LED, Milky white Cap	SW1038-ND	3.27	2.95	2.62	B3W-9000-RG2N
Single Blue LED, Milky white Cap	SW1039-ND	3.96	3.57	3.17	B3W-9000-B1N
Single Red LED, Milky white Cap	SW1040-ND	2.46	2.22	1.97	B3W-9000-R1N
Single Yellow LED, Milky white Cap	SW1041-ND	2.46	2.22	1.97	B3W-9000-Y1N
Single Green LED, Milky white Cap	SW1042-ND	2.46	2.22	1.97	B3W-9000-G1N



D3SH Miniature Detection Switches

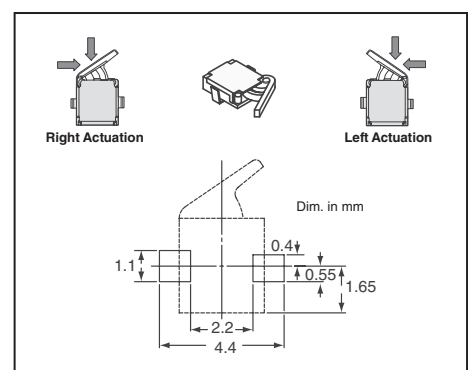


Omron's ultra small size and ultra low profile detector switch is one of the smallest designs in the industry. Offered in both left actuation and right actuation versions in both standard lever and extended-long lever types. Although designed for camera door detection originally, the compact size of this switch makes it an ideal detector switch for portable equipment.

Specifications:

• **Contact Resistance:** 30 maximum • **Vibration Resistance:** Malfunction: 10 ~ 55 Hz, 1.5mm double amplitude • **Shock Resistance:** Destruction: 1,000 m/s² (approximately 100G) maximum, Malfunction: 300 m/s² (approximately 30G) maximum • **Switch Function:** OFF-MOM • **Ambient Operating Temperature:** -25°C ~ 85°C

Description	Digi-Key Part No.	1	25	50	Digi-Key Part No.	T & R Pricing 1,000	Omron Part No.
Standard Lever, Right with Boss	SW1043CT-ND	1.27	1.15	1.02	SW1043TR-ND	636.38	D3SH-A1R
Standard Lever, Right without Boss	SW1044CT-ND	1.27	1.15	1.02	SW1044TR-ND	636.38	D3SH-A0R
Standard Lever, Left with Boss	SW1045CT-ND	1.27	1.15	1.02	SW1045TR-ND	636.38	D3SH-A1L
Standard Lever, Left without Boss	SW1046CT-ND	1.27	1.15	1.02	SW1046TR-ND	636.38	D3SH-A0L
Long Lever, Right with Boss	SW1047CT-ND	1.27	1.15	1.02	SW1047TR-ND	636.38	D3SH-A1R1
Long Lever, Right without Boss	SW1048CT-ND	1.27	1.15	1.02	SW1048TR-ND	636.38	D3SH-A0R1



Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

More Product Available Online: www.digikey.com

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