

OMRON Tactile Switches



B3F SERIES: MECHANICAL KEYSWITCHES (TACTILE)

RoHS Compliant This product is RoHS compliant.

Specifications:

- Contact form: SPST-NO
- Switching capacity: 50 mA 24 VDC
- Dielectric strength: 500 VAC
- B3FS supplied on Tape & Reel
- Contact resistance: 100MΩ max.
- Insulation resistance: 100MΩ min.
- B3S and B3W sealed for CFC cleaning; can not be water washed



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For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Termination Type	Actuator (Dim. A)	Operating Force (g)	Price Each			
						1	25	50	100
6mm									
653-B3F-1000	B3F-1000	A	Thru-hole	Flat (4.3)	100	.23	.20	.18	.16
653-B3F-1100	B3F-1100	A	Thru-hole	Flat (4.3)	100	.30	.28	.26	.23
653-B3F-1002	B3F-1002	A	Thru-hole	Flat (4.3)	150	.24	.23	.22	.20
653-B3F-1005	B3F-1005	A	Thru-hole	Flat (4.3)	260	.29	.26	.23	.21
653-B3F-1020	B3F-1020	A	Thru-hole	Flat (5.0)	100	.24	.23	.22	.20
653-B3F-1022	B3F-1022	A	Thru-hole	Flat (5.0)	150	.23	.22	.21	.20
653-B3F-1025	B3F-1025	A	Thru-hole	Flat (5.0)	260	.31	.29	.28	.26
653-B3F-1070	B3F-1070	A	Thru-hole	Flat (9.5)	100	.26	.25	.24	.22
653-B3F-1122	B3F-1122	A	Thru-hole	Flat (5.0)	150	.26	.24	.23	.22
653-B3F-1050	B3F-1050	B	Thru-hole	Projected (7.3)	100	.24	.23	.22	.20
653-B3F-1052	B3F-1052	B	Thru-hole	Projected (7.3)	150	.24	.23	.22	.20
653-B3F-1055	B3F-1055	B	Thru-hole	Projected (7.3)	260	.43	.39	.38	.37
653-B3F-1150	B3F-1150	B	Thru-hole	Projected (7.3)	100	.26	.24	.23	.22
653-B3F-1152	B3F-1152	B	Thru-hole	Projected (7.3)	150	.26	.24	.23	.22
653-B3F-3120	B3F-3120	C	Rt. angle w/grnd term.	Flat	100	.38	.35	.32	.31
653-B3F-3122	B3F-3122	C	Rt. angle w/grnd term.	Flat	150	.38	.35	.32	.31
653-B3F-3125	B3F-3125	C	Rt. angle w/grnd term.	Flat	260	.35	.31	.30	.29
653-B3F-3150	B3F-3150	D	Rt. angle w/grnd term.	Projected	100	.37	.35	.32	.31
653-B3F-3152	B3F-3152	D	Rt. angle w/grnd term.	Projected	150	.39	.36	.35	.32
653-B3F-3155	B3F-3155	C	Rt. angle w/grnd term.	Projected	260	.54	.42	.40	.38
653-B3FS-1000	B3FS-1000	E	SMT	Flat	100	.47	.42	.38	.37
653-B3FS-1002	B3FS-1002	E	SMT	Flat	150	.47	.39	.37	.33
653-B3FS-1010	B3FS-1010	E	SMT	Flat	100	.63	.53	.51	.43
653-B3FS-1012	B3FS-1012	E	SMT	Flat	150	.65	.54	.51	.43
653-B3FS-1050	B3FS-1050	E	SMT	Projected	100	1.88	1.68	1.48	1.34
653-B3FS-1052	B3FS-1052	E	SMT	Projected	150	2.09	1.67	1.63	1.50
653-B3S-1000	B3S-1000	F	SMT	Flat	160	.46	.45	.42	.38
653-B3S-1100	B3S-1100	F	SMT	Flat	160	.63	.56	.50	.45
653-B3S-1002	B3S-1002	F	SMT	Flat	230	.55	.51	.48	.46
653-B3W-1000	B3W-1000	G	Thru-hole	Flat	160	.42	.40	.39	.37
653-B3W-1002	B3W-1002	G	Thru-hole	Flat	230	.46	.39	.38	.37
653-B3W-1100	B3W-1100	G	Thru-hole w/grnd term.	Flat	160	.43	.39	.38	.37
653-B3W-1050	B3W-1050	H	Thru-hole	Projected	160	.48	.45	.43	.40
653-B3W-1052	B3W-1052	H	Thru-hole	Projected	230	.47	.45	.38	.34
12mm									
653-B3F-4000	B3F-4000	I	Thru-hole	Flat	130	.38	.35	.32	.31
653-B3F-4005	B3F-4005	I	Thru-hole	Flat	260	.38	.35	.32	.31
653-B3F-4105	B3F-4105	I	Thru-hole w/grnd term.	Flat (4.3)	260	.43	.40	.39	.38
653-B3F-5000	B3F-5000	J	Thru-hole	Flat	130	.47	.42	.40	.36
653-B3F-5050	B3F-5050	J	Thru-hole	Flat	130	.47	.42	.40	.36
653-B3F-4050	B3F-4050	J	Thru-hole	Projected	130	.38	.32	.31	.30
653-B3F-4150	B3F-4150	J	Thru-hole	Projected	130	.53	.47	.42	.38
653-B3F-4155	B3F-4155	J	Thru-hole w/grnd term.	Projected	260	.43	.40	.39	.38
653-B3F-4055	B3F-4055	J	Thru-hole	Projected	260	.38	.35	.32	.31
653-B3F-5150	B3F-5150	J	Thru-hole w/grnd term.	Projected	130	.52	.48	.47	.45
653-B3W-4000	B3W-4000	K	Thru-hole	Flat	200	.58	.54	.45	.41
653-B3W-4100	B3W-4100	K	Thru-hole	Flat	200	.63	.55	.49	.42
653-B3W-4155	B3W-4155	J	Thru-hole w/grnd term.	Projected	350	.50	.47	.45	.44
653-B3W-4050	B3W-4050	L	Thru-hole	Projected	200	.54	.44	.42	.37
653-B3W-4055	B3W-4055	L	Thru-hole	Projected	350	.56	.52	.49	.44

DIMENSIONS: mm

Omron Tactile Switches



B32 SERIES: KEY CAPS FOR MECHANICAL KEYSWITCHES



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For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	For Use With	Size (mm)	Color	Price Each				Full Reel Quantity	Reel Qty. Price Each
					1	25	50	100		
653-B32-1000	B32-1000	6mm Keyswitches	4 x 4	Light gray	.20	.19	.18	.16	2,000	.15
653-B32-1010	B32-1010	6mm Keyswitches	4 x 4	Black	.23	.21	.20	.18	2,000	.15
653-B32-1020	B32-1020	6mm Keyswitches	4 x 4	Orange	.23	.21	.20	.18	1,000	.15
653-B32-1030	B32-1030	6mm Keyswitches	4 x 4	Yellow	.23	.21	.20	.18	2,000	.15
653-B32-1040	B32-1040	6mm Keyswitches	4 x 4	Blue	.23	.21	.20	.18	2,000	.15
653-B32-1050	B32-1050	6mm Keyswitches	4 x 4	Green	.23	.21	.20	.18	1,000	.15
653-B32-1060	B32-1060	6mm Keyswitches	4 x 4	White	.23	.21	.20	.18	2,000	.15
653-B32-1070	B32-1070	6mm Keyswitches	4 x 4	Light green	.23	.21	.20	.18	1,000	.15
653-B32-1080	B32-1080	6mm Keyswitches	4 x 4	Red	.20	.18	.17	.16	2,000	.15
653-B32-1200	B32-1200	12mm Keyswitches	9 x 9	Light gray	.20	.18	.17	.16	2,000	.15
653-B32-1210	B32-1210	12mm Keyswitches	9 x 9	Black	.20	.19	.18	.16	2,000	.15
653-B32-1230	B32-1230	12mm Keyswitches	9 x 9	Yellow	.23	.21	.20	.18	2,000	.15
653-B32-1240	B32-1240	12mm Keyswitches	9 x 9	Blue	.23	.21	.20	.18	2,000	.15
653-B32-1260	B32-1260	12mm Keyswitches	9 x 9	White	.23	.21	.20	.18	2,000	.15
653-B32-1280	B32-1280	12mm Keyswitches	9 x 9	Red	.23	.21	.20	.18	2,000	.15
653-B32-1300	B32-1300	12mm Keyswitches	12 x 12	Light gray	.23	.21	.20	.18	2,000	.15
653-B32-1310	B32-1310	12mm Keyswitches	12 x 12	Black	.23	.21	.20	.18	2,000	.15
653-B32-1330	B32-1330	12mm Keyswitches	12 x 12	Yellow	.23	.21	.20	.18	2,000	.15
653-B32-1340	B32-1340	12mm Keyswitches	12 x 12	Blue	.23	.21	.20	.18	2,000	.15
653-B32-1360	B32-1360	12mm Keyswitches	12 x 12	White	.23	.22	.21	.19	2,000	.15
653-B32-1380	B32-1380	12mm Keyswitches	12 x 12	Red	.23	.22	.21	.19	2,000	.15
653-B32-1610	B32-1610	12mm Keyswitches	9.5 x 9.5	Black	.27	.25	.23	.21	2,000	.19
653-B32-1630	B32-1630	12mm Keyswitches	9.5 x 9.5	Yellow	.27	.25	.23	.21	2,000	.19

DIMENSIONS: mm

