

# 16mm and 22mm Selector Switches and Keylock Switches



This product is RoHS compliant.

## OMRON A165K SERIES: 16MM KEY-TYPE SELECTOR SWITCHES

Each unit includes protective case, switch unit, and 2 keys.

For quantities of 100 and up, call for quote. RoHS Compliant

MOUSER STOCK NO.	Omron Part No.	Fig.	Shape of Flange	Key Release Position	Number of Positions Reset Method	Price Each			
						1	10	25	50
653-A165K-T2M-2	A165K-T2M-2	A	Round	All	2 position maintained	34.98	32.39	31.52	30.66
653-A165K-T2AL-2	A165K-T2AL-2	A	Round	Left	2 position spring return from right	34.98	32.39	31.52	30.66
653-A165K-T3M-2	A165K-T3M-2	A	Round	All	3 position maintained	32.52	31.70	31.30	30.54
653-A165K-A2M-2	A165K-A2M-2	B	Square	All	2 position maintained	34.98	32.39	31.52	30.66
653-A165K-A2AL-2	A165K-A2AL-2	B	Square	Left	2 position spring return from right	34.98	32.39	31.52	30.66
653-A165K-A3M-2	A165K-A3M-2	B	Square	All	3 position maintained	32.52	31.70	31.30	30.54
653-A165K-J2M-2	A165K-J2M-2	C	Rectangular	All	2 position maintained	34.98	32.39	31.52	30.66
653-A165K-J2AL-2	A165K-J2AL-2	C	Rectangular	Left	2 position spring return from right	40.54	38.69	36.48	34.05
653-A165K-J3M-2	A165K-J3M-2	C	Rectangular	All	3 position maintained	32.52	31.70	31.30	30.54

## OMRON ACCESSORIES FOR 16MM SWITCHES

Replacement switch units, cases, and switch guards are for pushbutton switches. Replacement caps, LEDs, incandescent lamps, and neon lamps are also available. Contact Mouser for these items.

For quantities of 100 and up, call for quote. RoHS Compliant

MOUSER STOCK NO.	Omron Part No.	Fig.	Description	Price Each			
				1	10	25	50
653-A16-1	A16-1	D	Replacement switch unit, SPDT solder terminals	7.27	6.69	6.32	5.99
653-A16-2	A16-2	D	Replacement switch unit, DPDT solder terminals	10.62	10.38	10.06	9.73
653-A16-1P	A16-1P	D	Replacement switch unit, SPDT PCB terminals	11.90	11.49	11.13	10.77
653-A16-2P	A16-2P	D	Replacement switch unit, DPDT PCB terminals	15.35	14.19	13.05	12.28
653-A165-CTM	A165-CTM	E	Replacement case, round, momentary action	5.54	5.22	5.05	4.81
653-A165-CAM	A165-CAM	E	Replacement case, square, momentary action	9.42	9.22	9.13	8.60
653-A165-CJM	A165-CJM	E	Replacement case, rectangular, momentary action	5.54	5.22	5.05	4.81
653-A165-CTA	A165-CTA	E	Replacement case, round, alternate action	6.60	6.16	5.87	5.67
653-A165-CAA	A165-CAA	E	Replacement case, square, alternate action	4.70	4.54	4.41	4.26
653-A165-CJA	A165-CJA	E	Replacement case, rectangular, alternate action	6.44	6.23	6.03	5.84

## OMRON A22K SERIES: 22MM KEY TYPE SELECTOR SWITCHES

- Locking lever ensures easy mounting and removal of switch
- Finger safe contact blocks
- Install using either round, forked crimp terminals or ferrules

- Contact form: SPST-NO + SPST-NC
- Degree of protection: IP65
- Contact rating: 3A @ 30 VDC/250 VAC; 5A @ 125 VAC



Each unit includes operational unit and switch unit.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Type of Lever	Number of Positions/ Reset Method	Price Each			
					1	10	25	50
653-A22K-2AL-11	A22K-2AL-11	F	Left	2 position spring return from right	37.15	35.12	33.15	31.02
653-A22K-3M-11	A22K-3M-11	F	Left-Right	3 position maintained	32.50	31.02	30.10	28.38
653-A22K-3AC-11	A22K-3AC-11	F	Center	3 position spring return from both	32.50	31.02	30.10	28.38

## OMRON SWITCH BLOCKS FOR OMRON 22MM SWITCHES

Replacement caps, LEDs, and various other tools are also available. Contact Mouser for these items.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Description	Price Each			
				1	10	25	50
653-A22-10	A22-10	G	Replacement switch block, SPST-NO, General Purpose	7.82	7.56	7.33	7.09
653-A22-10S	A22-10S	G	Replacement switch block, SPST-NO, Microload	18.90	18.26	17.70	17.13
653-A22-01	A22-01	G	Replacement switch block, SPST-NC, General Purpose	10.29	9.96	9.64	9.33
653-A22-01S	A22-01S	G	Replacement switch block, SPST-NC, Microload	24.64	23.89	23.14	22.54
653-A22-20	A22-20	G	Replacement switch block, DPST-NO, General Purpose	24.24	22.43	20.61	19.40
653-A22-20S	A22-20S	G	Replacement switch block, DPST-NO, Microload	39.88	36.52	34.72	33.16
653-A22-02	A22-02	G	Replacement switch block, DPST-NC, General Purpose	30.32	29.29	28.38	27.48
653-A22-02S	A22-02S	G	Replacement switch block, DPST-NC, Microload	39.88	36.52	34.72	33.16

## NKK SK SERIES: LOW SECURITY COMPACT KEYLOCK SWITCHES

- Power rating: 3A @ 125VAC, 1A @ 250VAC
- Supplied with 2 keys per switch
- Solder lug

For quantities of 100 and up, call for quote. RoHS Compliant

MOUSER STOCK NO.	NKK Part No.	Fig.	Circuit	Key Removes	Price Each		
					1	25	50
633-SK12AAW01-RO	SK12AAW01-RO	H	SPDT On-None-On	Positions 1 & 3	11.41	11.08	10.76
633-SK12BAW01-RO	SK12BAW01-RO	H	SPDT On-None-On	Position 1	11.41	11.08	10.76
633-SK13DAW01-RO	SK13DAW01-RO	H	SPDT On-Off-On	Positions 1, 2, 3	12.04	11.70	11.35
633-SK13EAW01-RO	SK13EAW01-RO	H	SPDT On-Off-On	Position 2	12.04	11.70	11.35

## NKK CK SERIES: HIGH SECURITY KEYLOCK SWITCHES

- Power rating: 3A @ 250VAC
- Contact timing: Break-before-make
- Solder lug
- One key per switch

For quantities of 100 and up, call for quote. RoHS Compliant

MOUSER STOCK NO.	NKK Part No.	Fig.	Circuit	Key Removes	Price Each		
					1	25	50
<b>16mm Bushing w/ Flat Key</b>							
633-CKM12AF	CKM12AFW01	I	SPDT On-None-On	Positions 1 & 3	12.46	12.10	11.75
633-CKM12BF	CKM12BFW01	I	SPDT On-None-On	Position 1	12.51	11.54	10.86
633-CKM13EF	CKM13EFW01	I	SPDT On-Off-On	Position 2	12.22	11.20	10.33
<b>16mm Bushing w/ Tubular Key</b>							
633-CKM12AT	CKM12ATW01	J	SPDT On-None-On	Positions 1 & 3	12.56	11.54	10.86
633-CKM12BT	CKM12BTW01	J	SPDT On-None-On	Position 1	12.56	11.54	10.86
633-CKM13ET	CKM13ETW01	J	SPDT On-Off-On	Position 2	13.51	13.05	12.02
<b>19mm Bushing w/ Flat Key</b>							
633-CKL12AF	CKL12AFW01	K	SPDT On-None-On	Positions 1 & 3	12.67	11.70	11.01
633-CKL12BF	CKL12BFW01	K	SPDT On-None-On	Position 1	12.67	11.70	11.01
633-CKL13EF	CKL13EFW01	K	SPDT On-Off-On	Position 2	13.66	12.90	12.14
<b>19mm Bushing w/ Tubular Key</b>							
633-CKL12AT	CKL12ATW01	L	SPDT On-None-On	Positions 1 & 3	12.67	11.70	11.01
633-CKL12BT	CKL12BTW01	L	SPDT On-None-On	Position 1	12.67	11.70	11.01
633-CKL13ET	CKL13ETW01	L	SPDT On-Off-On	Position 2	13.66	12.90	12.14

