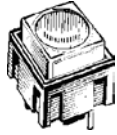


KS Series Pushbutton Key Switches



Contact Rating: 25 mA max. at VAC or DC max. Operating Temperature: -30°C to 65°C. Case and Bushing: Glass filled Nylon. Actuator: Black ABS or polycarbonate-ABS blend, matte finish. Movable Contact: Beryllium copper, silver plated. Stationary Contacts and Terminals: Brass, silver plated, 12 mm square.

Stock No.	Mfr.'s Type	Description	Switch Action*	EACH		
				1-99	100-499	500-999
676-1960	KS11R21CQD	SPST	Off-Mom.	1.10	.96	.88
676-1965	KS11R22CQD	SPST	Off-Mom.	1.94	1.70	1.56
676-1970	KS12R21CQD	SPDT	On-Mom.	1.30	1.13	1.04
676-1975	KS12R22CQD	SPDT	On-Mom.	1.30	1.13	1.04

*Mom. = Momentary.

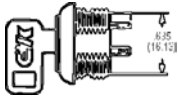
RACON 12 mm Vertical Key Switches



High-quality, long-life, PCB mounted key switches which are solder-proof and wash-proof. Operating Life: 1 million cycles minimum. Operating Temperature: -40°C to 80°C. Contact Rating: 42 VAC or VDC and 100 mA. Right angle, thru-hole terminal style. Switches are momentary, SPST.

Stock No.	Mfr.'s Type	Description	Height (mm)	EACH		
				1-99	100-499	500-999
676-9296	1.14001.005	SPST N.O.	5.0	4.26	2.92	2.80
676-9297	1.14001.015	SPST N.O.	6.5	5.17	3.65	3.40

P Series Low Profile Key Switches

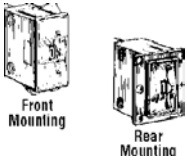


High reliability switch — single pole and two pole models. Ratings from low level to 4 amps @ 125 VAC. One piece switch and lock housing — four standard colors — custom colors available. Smallest behind-the-panel clearance-approximately 0.600 inches. Supervisory key capability.

Stock No.	Mfr.'s Type	No. of Poles	No. of Positions	EACH		
				1-99	100-499	500-999
676-4265	P101133WMO3NQ2*	SP	1	4.55	4.05	3.70
676-4266	P101133WMO3NQ2*	SP	1, 2	4.67	4.16	3.79
676-4267	P201133WMO3NQ2*	DP	1	4.80	4.27	3.91
676-4271	P201133WMO3DQ2†	DP	1	4.98	4.40	4.06
676-4272	P201133WMO3DQ2†	DP	1, 2	4.87	4.30	3.97

*With mounting nut. †With mounting clip.

3 Series Thumbwheel Switches



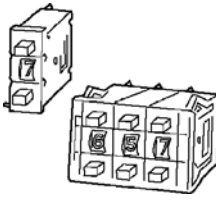
Multisection switches can be made by ordering number of sections desired and accessories such as end plates and blank sections. Description: Thumbwheel: Matte black with unsealed switch contacts. Operating Voltage: 50 mV to 28 VDC or 120 VAC. Operating Temperature: -10°C to 65°C. Body and Wheel: ABS plastic. Rotor Contacts: Precious metal on copper alloy. Stator Contacts: Hard gold over nickel over 2 oz. copper on epoxy fiberglass. Contact Rating: 1 amp continuous carry, 100 mA max. switched current. Insulation Resistance: 10¹⁰ ohms min. Dielectric Strength: 500 Vrms min. at sea level between common terminal and any output.

C & K Model No. (Individual Sections)

Front Mount	Rear Mount	Front Mount with Diode Provision	Rear Mount with Diode Provision	Description
301109000	301119000	301109100	—	Decimal: 1 pole 10 pos.
—	—	301409100	—	Resistor decade: 1-2-2-2-2 code
302109000	302119000	302109100	—	BCD 1-2-4-8; 10 pos.
—	—	—	302119100	BCD 1-2-4-8; 10 pos.
302309000	302319000	302309100	—	Complement of BCD 1-2-4-8; 10 pos.
303509000	303519000	303509100	—	BCD 1-2-4-8 with separate common to not true bits; 10 pos.
307109000	307119000	—	—	Binary Coded Hexadecimal; 16 pos.

Stock No.	Mfr.'s Type	EACH		
		1-99	100-499	500-999
676-2100	301109000	7.91	7.18	6.10
676-2105	301119000	6.56	5.96	5.05
676-2130	301409100	8.08	7.33	6.22
676-2150	302109000	7.91	7.18	6.10
676-2155	302119000	7.91	7.18	6.10
676-2160	302109100	9.58	8.69	7.37
676-2190	302309000	7.91	7.18	6.10
676-2195	302319000	7.91	7.18	6.10
676-2220	303509000	13.05	11.97	10.16
676-2300	307109000	15.67	14.38	12.20
676-2305	307119000	15.67	14.38	12.20

3P Series Miniature Pushwheel Switches



Rating: Carry — 1 amp continuous. Switch: 100 mA max. Operating Voltage: 50 mV to 28 VDC. Operating Temperature: -10°C to 65°C. Housing: ABS plastic, black. Pushwheel and Pushbutton: Acetal, black. Rotor Contacts: Gold over nickel. Stator Contacts: Hard gold over nickel. Order endplates, blank sections and spacers separately.

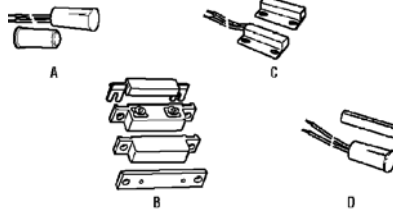
BCDL: 1-2-4-8, 10-Position

Stock No.	Mfr.'s Type	Description	EACH		
			1-99	100-499	500-999
676-8200	3P0210002	Standard terminals	8.83	8.02	6.80
676-8204	3P0210A02	Solder pin terminals	10.70	9.71	8.26
676-8202	3P0210102	Extended board	9.46	8.59	7.29

Accessories

Stock No.	Mfr.'s Type	Description	1-99	100-499	500-999
676-8203	623502000	Left endplate, black	.35	.31	.26
676-8204	623602000	Right endplate, black	.35	.31	.26
676-8205	663602000	Spacer, 0.100" (2.54 mm) thick, black	.46	.39	.34

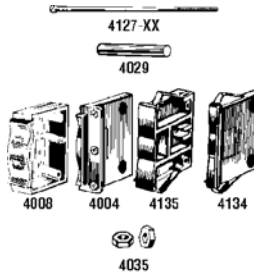
MPS Series Magnetic Proximity Sensors



SPST normally open reed switch, contacts are hermetically sealed within a glass capsule. Reed switch opens when separately encased magnet is removed from proximity. Contacts are held closed when magnet is within actuation range. Wide gap contacts speeds installation, making magnet and switch alignment easier. Contact Rating: 0.3 amps @ 100 VAC; 100 VA max. @ 100 VDC; max. carry current 1.0 amp. Max. Operating Time: 1 msec, including bounce. Life Expectancy: 10 million operations. Housing: UL 94V-0, impact resistant ABS plastic (white), with patented o-ring protecting the reed switch. Potted 12 inch wire leads, 22 AWG.

Stock No.	Mfr.'s Type	Fig.	Make Gap	EACH		
				1-99	100-499	500-999
676-5084	MPS9WGW	A	1 1/4"	7.81	6.96	5.90
676-5085	MPS20WGW	B	1 1/4"	7.79	7.07	6.47
676-5086	MPS45WGW	C	1"	9.89	8.98	7.62
676-5087	MPS95WGW	D	1 1/4"	7.81	6.96	5.90

Hardware for Field Assembly



Screws for Field Assembly

Stock No.	Mfr.'s Type	No. of Sections		EACH
		Front Mounting	Rear Mounting	
676-2320	412701000	3-4	3	1.77
676-2325	412702000	5-7	4-6	1.77
676-2345	402900000	Stop Pins	Stop Pins	.27

Accessories

Stock No.	Mfr.'s Type	Description	EACH
676-2350	400802000	Rear mounting blank section (plain)	1.38
676-2355	400402000	Rear mounting end plate	.39
676-2360	413502000	Front mounting blank section (plain)	1.47
676-2365	413402000	Front mounting end plate	1.22
676-2375	403500000	Nut (2 required per assembly)	.27