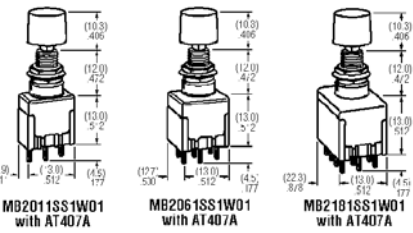


Subminiature Pushbutton and DIP Rotary Switches

MB2000

Features: High torque bushings, epoxy sealed terminals, UL recognized and CSA certified. **Electrical Capacity:** 6 A resistive load @ 125 VAC or 30 VDC. **Dielectric Strength:** 1,500 VAC minimum. **Electrical Life:** 25,000 operations minimum. **Travel:** .071" on-(on) and .153" on-on. **Hardware:** 2 nuts and 1 lockwasher.

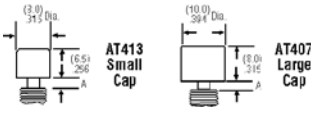


1/4"-40 Threaded Bushing and Solder Lug Terminals

Stock No.	Mfr.'s Type	Pole Throw	Circuit () = mom.	EACH		
				1-24	25-99	100-499
870-8750	MB2011SS1W01	SPDT	on-(on)	5.10	4.39	3.88
870-8751	MB2065SS1W01	SPDT	on-on	7.30	6.28	5.55
870-8752	MB2061SS1W01	DPDT	on-(on)	6.85	5.89	5.21
870-8753	MB2085SS1W01	DPDT	on-on	7.30	6.28	5.55
870-8754	MB2181SS1W01	4PDT	on-(on)	11.90	10.23	9.04
870-8755	MB2185SS1W01	4PDT	on-on	12.40	10.66	9.42

Optional Screw-On Caps

"X" for Color Codes: Black = 1 = A, white = 2 = B, red = 0 = C. Note: "A" = .091" for momentary and .157" for alternate action. 870-300X. AT413A, B, or C. .315" Dia. 1-24.....EACH .46 25-99.....EACH .39 100-499.....EACH .36 870-400X. AT407A, B, or C. .394" Dia. 1-24.....EACH .51 25-99.....EACH .44 100-499.....EACH .41



Large Bushing and Solder Lug Terminals

12 mm diameter threaded bushing. Supplied with a .520" screw-on black cap. Silver contacts rated 6 A @ 125 VAC.

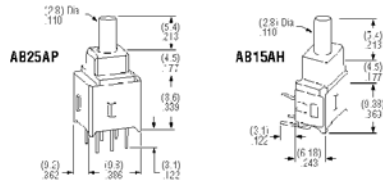


870-7039	MB2011SB1W01-DA	SPDT	on-(on)	7.90	6.79	6.00
870-7040	MB2065SB1W01-DA	SPDT	on-on	8.10	6.97	6.16
870-7041	MB2061SB1W01-DA	DPDT	on-(on)	9.65	8.30	7.33
870-7042	MB2085SB1W01-DA	DPDT	on-on	10.10	8.69	7.68
870-7043	MB2181SB1W01-DA	4PDT	on-(on)	14.70	12.64	11.17
870-7044	MB2185SB1W01-DA	4PDT	on-on	15.20	13.07	11.55

AB Series

► Total Travel: .043" ► Operating Force: 260 Grams

Terminals molded in and epoxy sealed. Washable. Patented Sliding Twin Crossbar (STC) contacts. **Electrical Capacity:** 0.4 VA maximum @ 28 V AC/DC maximum. **Contact Resistance:** 50 milliohms maximum. **Insulation Resistance:** 500 megohms minimum @ 500 V DC. **Dielectric Strength:** 500 V AC minimum. **Electrical Life:** 50,000 operations minimum.



Straight PC Terminals

Stock No.	Mfr.'s Type	Pole Throw	Circuit () = mom.	EACH		
				1-24	25-99	100-499
870-9926	AB11AP	SPST	off-(on)	3.90	3.35	2.96
870-9927	AB15AP	SPDT	on-(on)	3.95	3.40	3.00
870-9119	AB25AP	DPDT	on-(on)	5.05	4.34	3.84

Right Angle PC Terminals

870-8434	AB15AH	SPDT	on-(on)	4.55	3.91	3.46
870-9120	AB25AH	DPDT	on-(on)	5.95	5.12	4.52

DR Series Binary-Coded DIP Rotaries

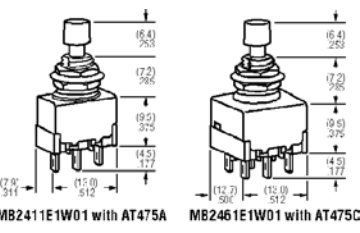
Process sealed. **Switching Rating:** 100 mA @ 5 VDC. **Nonswitching Rating:** 100 mA @ 50 VDC. **Electrical Life:** 20,000 detent operations minimum. **Operating Torque:** 120 g-260 g.

Stock No.	Mfr.'s Type	Actuator	Coding and Terminals (Added Info on Table at Left)	EACH		
				1-24	25-99	100-499
870-9130	DRAC16P	Knob	Complement/Hexa/Straight PC	6.60	5.68	5.02
870-9131	DRAC16H	Knob	Complement/Hexa/Right Angle	6.86	5.90	5.21
870-9132	DRAR16P	Knob	Real/Hexa/Straight PC	6.60	5.68	5.02
870-9133	DRAR16H	Knob	Real/Hexa/Right Angle	6.86	5.90	5.21
870-9140	AT433	Knob (Cap)	For DRA Models only	.50	.47	.43
870-6008	DRFR10P	Screwdriver	Real/Decimal/Straight PC	4.10	3.53	3.12
870-6009	DRFR16P	Screwdriver	Real/Hexadecimal/Straight PC	4.10	3.53	3.12
870-6010	DRFR10H	Screwdriver	Real/Decimal/Right Angle	4.36	3.75	3.31
870-6011	DRFR16H	Screwdriver	Real/Hexadecimal/Right Angle	4.36	3.75	3.31
870-6012	DRKR10P	Shaft	Real/Decimal/Straight PC	4.25	3.66	3.23
870-6013	DRKR16P	Shaft	Real/Hexadecimal/Straight PC	4.25	3.66	3.23
870-6014	DRKR10H	Shaft	Real/Decimal/Right Angle	4.51	3.88	3.43
870-6015	DRKR16H	Shaft	Real/Hexadecimal/Right Angle	4.51	3.88	3.43
870-6018	DRFC10P	Screwdriver	Complement/Deci/Straight PC	4.10	3.53	2.95
870-6019	DRFC16P	Screwdriver	Complement/Hexa/Straight PC	4.70	3.53	2.95
870-6020	DRFC10H	Screwdriver	Complement/Deci/Right Angle	4.36	3.75	3.31
870-6021	DRFC16H	Screwdriver	Complement/Hexa/Right Angle	4.36	3.75	3.31
870-6025	DRKC16H	Shaft	Complement/Hexa/Right Angle	4.36	3.89	3.55

MB2400

► Snap-Acting ► Light Touch

Epoxy sealed terminals. **Electrical Capacity:** 3 A resistive load @ 125 VAC (silver — code W); 0.4 VA maximum @ 28 V maximum AC/DC (gold — code G). **Dielectric Strength:** 1,500 VAC minimum. **Electrical Life:** 25,000 operations minimum (silver — W) and 100,000 operations minimum (gold — G). **Travel:** .039". **Operating Force:** 250 grams (single pole) and 400 grams (double pole). **Ambient Temperature:** -15°C through +70°C. **Hardware:** 2 nuts and 1 lockwasher.

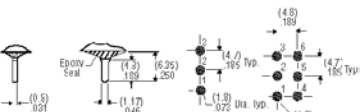


1/4"-40 Threaded Bushing and Solder Lug Terminals

Stock No.	Mfr.'s Type	Pole Throw	Circuit () = mom.	EACH		
				1-24	25-99	100-499
870-8768	MB2411E1W01	SPDT	on-(on)	5.18	4.45	3.94
870-8769	MB2461E1W01	DPDT	on-(on)	7.11	6.11	5.40
870-8770	MB2411E1G01	SPDT	on-(on)	5.60	4.82	4.26
870-8771	MB2461E1G01	DPDT	on-(on)	7.95	6.84	6.04

1/4"-40 Threaded Bushing and Straight PC Terminals

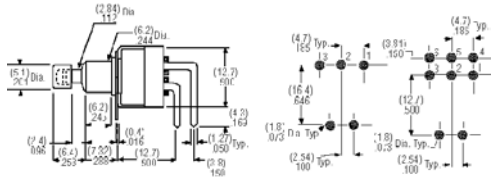
Silver contacts and terminals rated 3 A. Order optional snap-on cap separately.



870-8772	MB2411E1W03	SPDT	on-(on)	5.34	4.59	4.06
870-8773	MB2461E1W03	DPDT	on-(on)	7.43	6.39	5.65

Smooth Bushing and Right Angle PC

Gold contacts rated 0.4 VA. .244" dia. smooth bushing. Order optional snap-on cap separately.



870-8778	MB2411A2G30	SPDT	on-(on)	6.40	5.50	4.86
870-8900	MB2461A2G30	DPDT	on-(on)	9.55	8.21	7.26

Optional Snap-On Caps

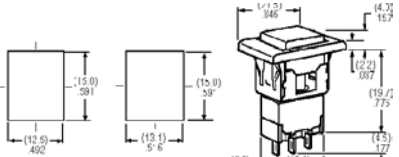
"X" for Color Codes: Black = 1 = A, white = 2 = B, red = 0 = C.



870-120X.	AT475A, B, or C. .201" Dia.	1-24.....EACH .26
25-99.....EACH .22	100-499.....EACH .19	
870-090X.	AT496A, B, or C. .295" Dia.	1-24.....EACH .32
25-99.....EACH .28	100-499.....EACH .24	

Snap-In Mount and Solder Lug Terminals

Silver contacts rated 3 A. Listed below with red cap (coded C) and black bezel (coded A). Other Colors Available: A = black, B = white, C = red, E = yellow, F = green, G = blue, and H = gray. Panel Thickness: .039"-.126".



870-9924	MB2411JW01-C-1A	SPDT	on-(on)	7.26	6.24	5.52
870-9925	MB2461JW01-C-1A	DPDT	on-(on)	9.79	8.41	7.43

Turn To Section 1 For Allied Office Addresses and Local Phone Numbers

DRAC16H

TRUTH TABLES

Actuator Positions: 16 Hexadecimal Positions

Terminal Number (Output): 10 Decimal Positions

Terminal	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Real Coded Model Numbers DRAR, DRAR & DRAR	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
Complement Coded Model Numbers DRFC, DRFC & DRFC	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	

AT433

DRFR10P

DRKR10H