

ALCOSWITCH Pushbutton Switches



Electronics

ALCOSWITCH MPS SERIES SNAP ACTION PUSHBUTTON SWITCHES

Specifications:

- Actuator material: Copper alloy, nickel plate

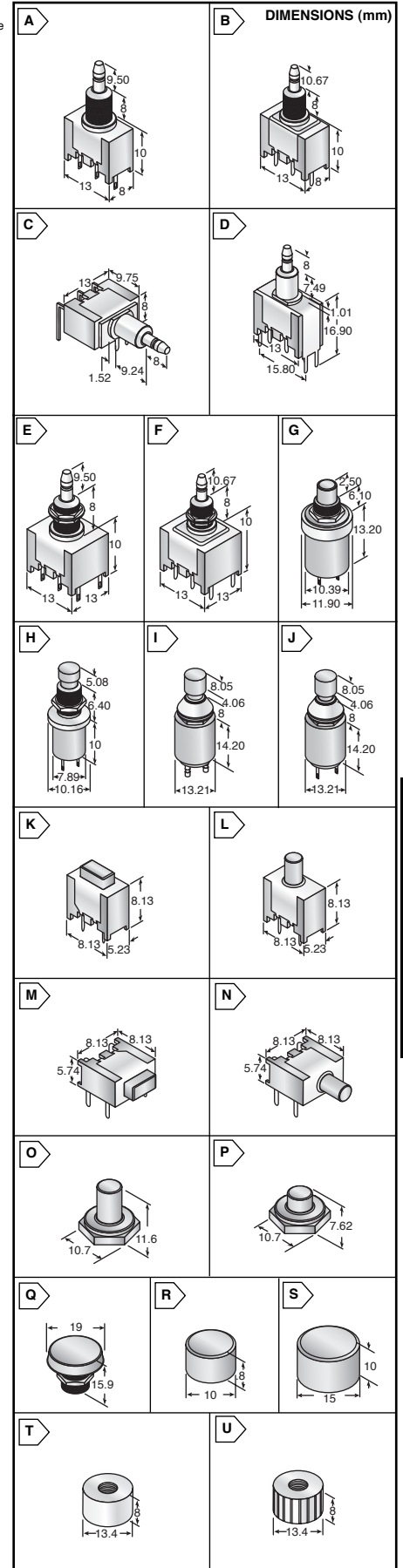
- Contact material: Silver
- Terminal material: Silver
- Terminal seal: Epoxy

- Case material: Epoxy resin
- Operating force: Single pole = 7-14 oz. Double pole = 14-25 oz.

- Contact timing: Break-before-make
- Contact resistance: 10mΩ max.
- Contact rating: 3A @ 115VAC

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Tyco Part No.	Fig.	Contact Form	Switch Function	Mounting	Price Each		
						1	25	50
506-MPS103D	MPS103D	A	SPDT	Push-on/Push-off	Wire Lug	12.72	12.08	11.45
506-MPS103DPC	MPS103DPC	B	SPDT	Push-on/Push-off	PC terminals	12.26	11.65	11.03
506-MPS103F	MPS103F	A	SPDT	Momentary	Wire Lug	5.96	5.51	5.36
506-MPS103FPC	MPS103FPC	B	SPDT	Momentary	PC terminals	8.40	7.56	7.14
506-MPS103FRA	MPS103FRA	C	SPDT	Momentary	R/A PC	10.60	10.07	9.54
506-MPS103FPCV	MPS103FPCV	D	SPDT	Momentary	PC w/ support	10.78	10.24	9.70
506-MPS203N	MPS203N	E	DPDT	Push-on/Push-off	Wire Lug	14.10	13.40	12.69
506-MPS203NPC	MPS203NPC	F	DPDT	Push-on/Push-off	PC terminals	13.01	12.29	10.85
506-MPS203R	MPS203R	E	DPDT	Momentary	Wire Lug	12.00	10.00	9.00
Accessories for MPS						Description		
506-BP14400	BP14400	O		Black 1/4-40 boot seal for MPS		5.20	4.94	4.68
506-BPA14400	BPA14400	P		Black 1/4-40 boot seal for MPS		5.20	4.94	4.68
506-BPM15320	BPM15320	Q		Black 1/4-40 seal adapter for MPS		10.54	9.22	8.26
506-C220-AG	C220-AG	R		Black snapfit cap for MPS		.64	.58	.48
506-C230-AG	C230-AG	S		Black snapfit cap for MPS		1.26	1.20	1.13
506-C232	C232	S		Red snapfit cap for MPS		.77	.70	.58
506-C235-AG	C235-AG	S		Green snapfit cap for MPS		1.46	1.39	1.31
506-G12A	G12A	T		Clear aluminum plain finish button guard for C220		2.46	2.34	2.21
506-G12B	G12B	T		Black aluminum plain finish button guard for C220		1.46	1.34	1.27
506-G12KA	G12KA	U		Clear aluminum knurled finish button guard for C220		2.76	2.62	2.48
506-G12KB	G12KB	U		Black aluminum knurled finish button guard for C220		2.52	2.40	2.27



Alcoswitch Pushbutton Switches

ALCOSWITCH MSP3/MSPS SERIES PANEL MOUNT PUSHBUTTON SWITCHES

Specifications:

- Actuator material: Thermoplastic
- Contact material: Silver plate over copper alloy

- Terminal material: Silver plate
- Case material: Thermoplastic
- Contact rating: MSP = 3A @ 125 VAC; MSPS = 0.5A @ 125VAC

- Operating force: Single pole = 7-14 oz. Double pole = 14-25 oz.
- Contact timing: Break-before-make
- Contact resistance: 100mΩ max.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Tyco Part No.	Fig.	Contact Form	Switch Function	Cap Color	Price Each		
						1	25	50
506-MSP103B	MSP103B	G	SPST	Normally Closed	Black	2.63	2.48	2.19
506-MSP103C0	MSP103C0	G	SPST	Normally Open	Black	2.79	2.64	2.33
506-MSPS103B	MSPS103B	H	SPST	Normally Closed	Black	1.44	1.32	1.22
506-MSPS103C	MSPS103C	H	SPST	Normally Open	Red	1.82	1.73	1.64
506-MSPS103C0	MSPS103C0	H	SPST	Normally Open	Black	1.46	1.39	1.32

ALCOSWITCH MSPM SERIES HERMETICALLY SEALED PUSHBUTTON SWITCHES

Specifications:

- Actuator material: Polyamide
- Contact material: Gold

- Case material: Steel
- Contact rating: 1.0 VA

- Operating force: 4-7 oz.
- Life expectancy: 5 million cycles @ 0.1 VA
- Contact resistance: 100mΩ max.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Tyco Part No.	Fig.	Contact Form	Switch Function	Cap Color	Mount Type	Price Each		
							1	25	50
506-MSPM101B0	MSPM101B0	I	SPST	Normally Closed	Black	Pin	20.12	19.01	16.77
506-MSPM101B1	MSPM101B1	J	SPST	Normally Closed	Black	Lug	20.32	19.19	16.94
506-MSPM101C1	MSPM101C1	J	SPST	Normally Open	Red	Lug	20.00	19.35	18.40
506-MSPM101C2	MSPM101C2	I	SPST	Normally Open	Red	Pin	30.58	27.53	26.00
Accessories for MSPM						Description			
506-BP14400	BP14400	O		Black 1/4-40 boot seal for MSPM			5.20	4.94	4.68
506-BPA14400	BPA14400	P		Black 1/4-40 boot seal for MSPM			5.20	4.94	4.68
506-BPM15320	BPM15320	Q		Black 1/4-40 seal adapter for MSPM			10.54	9.22	8.26
506-C220-AG	C220-AG	R		Black snapfit cap for MSPM			.64	.58	.48
506-C230-AG	C230-AG	S		Black snapfit cap for MSPM			1.26	1.20	1.13
506-C232	C232	S		Red snapfit cap for MSPM			.77	.70	.58
506-C235-AG	C235-AG	S		Green snapfit cap for MSPM			1.46	1.39	1.31
506-G12A	G12A	T		Clear aluminum plain finish button guard for C220			2.46	2.34	2.21
506-G12B	G12B	T		Black aluminum plain finish button guard for C220			1.46	1.34	1.27
506-G12KA	G12KA	U		Clear aluminum knurled finish button guard for C220			2.76	2.62	2.48
506-G12KB	G12KB	U		Black aluminum knurled finish button guard for C220			2.52	2.40	2.27

ALCOSWITCH TP SERIES TINY PUSHBUTTON SWITCHES

Specifications:

- Actuator material: Polyamide
- Contact material: Gold over nickel barrier
- Terminal material: Tin lead plate
- Terminal seal: Epoxy

- Operating force: 50-400 grams
- Contact rating: 0.4 VA @ 20 VDC
- Contact timing: Break-before-make
- Contact resistance: 20mΩ max.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Tyco Part No.	Fig.	Contact Form	Actuator Type/Color	Price Each		
					1	25	50
Straight Mount							
506-TP11CGPC0	TP11CGPC0	K	SPST N.O. Mom	Square/Black	3.52	3.17	2.65
506-TP11CGPC2	TP11CGPC2	K	SPST N.O. Mom	Square/Red	5.34	5.08	4.81
506-TPA11CGPC0	TPA11CGPC0	L	SPST N.O. Mom	Round/Black	5.77	5.19	4.33
506-TPA11CGPC2	TPA11CGPC2	L	SPST N.O. Mom	Round/Red	5.02	4.77	4.52
Right Angle Mount							
506-TP11CGRA0	TP11CGRA0	M	SPST N.O. Mom	Square/Black	4.20	3.99	3.78
506-TP11CGRA2	TP11CGRA2	M	SPST N.O. Mom	Square/Red	4.42	4.20	3.98
506-TPA11CGRA2	TPA11CGRA2	N	SPST N.O. Mom	Round/Red	4.16	3.95	3.74
506-TPA11CGRA0	TPA11CGRA0	N	SPST N.O. Mom	Round/Black	5.78	5.50	5.20

