

# Pushbutton Switches

## MP Series Pushbutton Switches

Alcoswitch®

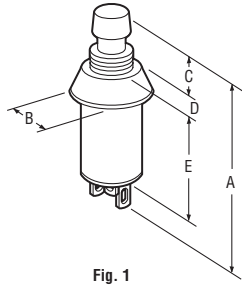


Fig. 1

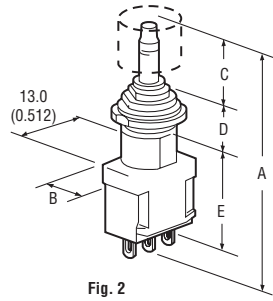


Fig. 2



### Specifications

Series	Operating Temperature	Contact Rating	Insulation Resistance (Min.)	Dielectric Strength VRMS @ Sea Level	Life Expectancy (Cycles)
MPA103	-20°C to +70°C	3 A @ 125 VAC	1000 Megohms	1,000	10,000
MPB	-10°C to +60°C	3 A @ 125 VAC	1000 Megohms	1,000	20,000
MPE/MPA106	-20°C to +80°C	6 A @ 125 VAC; 3 A @ 250 VAC	1000 Megohms	1,500	50,000
MPG	-20°C to +80°C	6 A @ 125 VAC; 3 A @ 250 VAC	1000 Megohms	1,500	50,000
MPS	-15°C to +70°C	3 A @ 115 VAC or 28 VDC	1000 Megohms @ 500 VDC	1,000	50,000

Stock No.	Mfr.'s Type	Tyco No.	Fig.	Description	Action	Terminals	Dimensions — Inches						EACH		
							Lead Spacing	A	B	C	D	E	1-24	25-49	50-99
758-0001	MPA103B†	2-1437567-4	1	SPST-NC	Momentary	Solder/QC	0.230	1.122	0.354	0.236	0.236	0.500	4.25	4.11	3.98
758-0600	MPA103C†	2-1437567-5	1	SPST-NO	Momentary	Solder/QC	0.230	1.122	0.354	0.236	0.236	0.500	2.92	2.83	2.70
758-0601	MPA103D†	2-1437567-6	1	SPDT	Alt. Action	Solder/QC	0.230	1.122	0.354	0.236	0.236	0.500	6.24	5.68	5.20
758-0603	MPA103F†	2-1437567-7	1	SPDT	Momentary	Solder/QC	0.230	1.122	0.354	0.236	0.236	0.500	6.75	6.33	5.85
758-0006	MPB103C†	4-1437567-0	1	SPST-NO	Momentary	Solder/QC	0.250	1.388	0.480	0.420	0.280	0.508	2.89	2.80	2.66
758-0002	MPA106D*	2-1437567-8	2	SPDT	Alt. Action	Solder/QC	0.170	1.600	0.320	0.480	0.280	0.680	7.72	7.47	7.24
758-0604	MPA106F*	2-1437567-9	2	SPDT	Momentary	Solder/QC	0.170	1.600	0.320	0.480	0.280	0.680	9.30	8.79	8.06
758-0605	MPA206R*	3-1437567-3	2	DPDT	Momentary	Solder/QC	0.170 @ 0.190	1.600	0.512	0.480	0.280	0.680	8.41	7.57	6.88
758-0606	MPA206N*	3-1437567-1	2	DPDT	Momentary	Solder/QC	0.170 @ 0.190	1.600	0.512	0.480	0.280	0.680	10.64	10.30	9.82
758-0003	MPA306F*	3-1437567-6	2	3PDT	Momentary	Solder/QC	0.170 @ 0.190	1.697	0.700	0.480	0.280	0.780	14.88	14.40	13.73
758-0005	MPA406R*	3-1437567-8	2	4PDT	Momentary	Solder/QC	0.170 @ 0.190	1.697	0.889	0.480	0.280	0.780	17.37	16.81	16.04
758-0607	MPE106D*	4-1437567-2	2	SPDT	Alt. Action	Solder/QC	0.170	1.610	0.320	0.480	0.280	0.690	10.10	9.77	9.32
758-0608	MPE106F*‡	4-1437567-3	2	SPDT	Momentary	Solder/QC	0.170	1.610	0.320	0.480	0.280	0.690	9.03	8.73	8.33
758-0007	MPE206N*	4-1437567-4	2	DPDT	Alt. Action	Solder/QC	0.170 @ 0.190	1.610	0.512	0.480	0.280	0.690	15.03	14.54	13.87
758-0134	MPE206R*	4-1437567-5	2	DPDT	Momentary	Solder/QC	0.170 @ 0.190	1.610	0.512	0.480	0.280	0.690	10.57	10.23	9.91
758-0008	MPE406N*	4-1437567-7	2	3PDT	Alt. Action	Solder/QC	0.170 @ 0.190	1.700	0.889	0.480	0.280	0.780	19.62	18.99	18.39
758-0009	MPE406R*	4-1437567-8	2	4PDT	Momentary	Solder/QC	0.170 @ 0.190	1.700	0.889	0.480	0.280	0.780	21.68	20.98	20.32
758-0609	MPG106D†	4-1437567-9	2	SPDT	Alt. Action	Solder/QC	0.170	1.405	0.315	0.315	0.473	0.460	9.67	9.36	8.93
758-0610	MPG106F†	5-1437567-0	2	SPDT	Momentary	Solder/QC	0.170	1.405	0.315	0.315	0.473	0.460	7.08	6.43	5.90
758-0010	MPG206N†	5-1437567-1	2	DPDT	Alt. Action	Solder/QC	0.170 @ 0.190	1.405	0.512	0.315	0.473	0.460	14.14	13.69	13.26
758-0611	MPG206R†	5-1437567-3	2	DPDT	Momentary	Solder/QC	0.170 @ 0.190	1.405	0.512	0.315	0.473	0.460	14.81	14.33	13.66
758-0011	MPG306F†	5-1437567-6	2	3PDT	Momentary	Solder/QC	0.170 @ 0.190	1.500	0.701	0.315	0.473	0.555	16.05	15.53	15.04
758-0012	MPG406R†	5-1437567-8	2	4PDT	Momentary	Solder/QC	0.170 @ 0.190	1.500	0.889	0.315	0.473	0.555	23.68	22.92	22.20
758-0013	MPS103D*	5-1437567-9	2	SPDT	Alt. Action	Solder/QC	0.177	1.284	0.315	0.370	0.415	0.394	9.50	9.20	8.91
758-0014	MPS103DPC*	6-1437567-0	2	SPDT	Alt. Action	PC	0.177	1.374	0.315	0.370	0.415	0.394	9.52	9.21	8.92
758-0166	MPS103F*	6-1437567-3	2	SPDT	Momentary	Solder/QC	0.177	1.284	0.315	0.370	0.355	0.394	6.78	6.56	6.35
758-0015	MPS103FPC*	6-1437567-4	2	SPDT	Momentary	PC	0.177	1.374	0.315	0.370	0.355	0.394	6.17	5.98	5.78
758-0016	MPS103FRA*	6-1437567-6	2	SPDT	Momentary	Right Angle	0.177	1.374	0.315	0.370	0.355	0.394	7.16	6.93	6.71
758-0017	MPS203N*	6-1437567-8	2	DPDT	Alt. Action	Solder/QC	0.177 @ 0.197	1.284	0.512	0.370	0.415	0.394	11.99	11.60	11.07
758-0018	MPS206R*	7-1437567-2	2	DPDT	Momentary	Solder/QC	0.177 @ 0.197	1.284	0.512	0.370	0.355	0.394	7.14	6.55	6.04
758-0167	MPS203RPC*	7-1437567-3	2	DPDT	Momentary	PC	0.177 @ 0.197	1.374	0.512	0.370	0.355	0.394	9.61	9.30	9.00

\*Caps not supplied. †Black cap supplied. ‡Splashproof.

### Caps

Stock No.	Mfr.'s Type	Tyco No.	Dia. (in.)	Height (in.)	For Use With	Cap Color	EACH		
							1-24	25-49	50-99
758-0612	C220-AG	4-1437627-1	0.394	0.315	MPA6, MPE, MPS	Black	.49	.48	.46
758-0613	C222-AG	4-1437627-2	0.394	0.315	MPA6, MPE, MPS	Red	.57	.55	.53
758-0019	C225-AG	4-1437627-5	0.394	0.315	MPA6, MPE, MPS	Green	.71	.63	.58
758-0614	C230-AG	4-1437627-8	0.590	0.394	MPA6, MPE, MPS	Black	.67	.63	.58
758-0615	C232	4-1437627-9	0.590	0.394	MPA6, MPE, MPS	Red	.81	.79	.75
758-0020	C235-AG	5-1437627-2	0.590	0.394	MPA6, MPE, MPS	Green	.99	.95	.92
758-0021	C90	7-1437627-1	0.354	0.138	MPG	Black	.41	.40	.38
758-0022	C92	7-1437627-2	0.354	0.138	MPG	Red	.34	.33	.32



Cap



Cap

### Switchguards

Stock No.	Mfr.'s Type	Tyco No.	Finish	Color	Use With Cap	EACH		
						1-24	25-49	50-99
758-0023	G12A	8-1437627-1	Plain	Clear Aluminum	C12/C22	1.11	1.07	1.04
758-0024	G12B	8-1437627-2	Plain	Black Aluminum	C12/C22	1.36	1.32	1.28
758-0025	G12C	8-1437627-3	Plain	Chromed Brass	C12/C22	1.84	1.78	1.72
758-1200	G12KA	8-1437627-4	Knurled	Clear Aluminum	C12/C22	1.84	1.78	1.72
758-2101	G12KB	8-1437627-5	Knurled	Black Aluminum	C12/C22	1.68	1.63	1.58
758-0026	G12KC	8-1437627-6	Knurled	Chromed Brass	C12/C22	1.61	1.56	1.51
758-0027	G13A	8-1437627-7	Plain	Clear Aluminum	C13/C23	2.29	2.22	2.15
758-0028	G13KA	9-1437627-0	Knurled	Clear Aluminum	C13/C23	2.14	2.07	2.01
758-0029	G13KB	9-1437627-1	Knurled	Black Aluminum	C13/C23	2.28	2.20	2.14

