

PUSHBUTTONS
1 POLE

Ø 12	1 pole Double-throw	Color	Electrical configuration	Ø 4	Ø 7	Ø 7 + bezel	Ø 7 + bayonet	QuickFix®
	No seal	black	NO	♦	83450701	83450712	83450738	♦
			NO/NC	83450714	83450702	83450717 83450718 83450728 83450728	♦	♦
			NO	♦	83450704	♦	♦	
		red	NO/NC	♦	83450703	83450719	♦	♦
			NO	♦	83450711	♦	♦	
			NO/NC	♦	83450724	83450713 83450716 83450715 83450732	83450723	♦
	Front face seal	black	NO/NC	♦	83450705	83450722	♦	♦
			NO/NC	♦	83450707	83450721	♦	♦
			NO/NC	♦	83450729	♦	♦	
		red	NO/NC	♦	83450705	83450722	♦	♦
			NO/NC	♦	83450707	83450721	♦	♦
			NO/NC	♦	83450729	♦	♦	

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Low level - Gold plated

	1 pole	
	No seal	Front face seal
Mechanical characteristics		
Operating force	8 N → 16 N max	8 N → 16 N max
Release force	3 N min	3 N min
Permissible force at end of travel	100 N	100 N
Overtravel	0.4 mm min	0.4 mm min
Total travel	2 mm ± 0.4	2 mm ± 0.4
Return overtravel	0.4 mm	0.4 mm
Mechanical life	300 000 cycles	100 000 cycles
Electrical characteristics		
Voltage	5 VCC to 115 VAC 400 Hz	5 VCC to 115 VAC 400 Hz
Current (resistive load)	0.1 mA to 7.5 A	0.1 mA to 7.5 A
Current (inductive load)	2 A	2 A
Contact resistance	25 mOhm	25 mOhm
Electrical life	100 000 cycles	100 000 cycles
Dielectric strength	1 200 V	1 200 V
General characteristics		
Case	polyamid 6.6 reinforced with 30% fiberglass	polyamid 6.6 reinforced with 30% fiberglass
Button	acetate resin	acetate resin
Terminal	Soldering lugs W2 silver or gold plated	Soldering lugs W2 silver or gold plated
Waterproof front face	-	MIL STD 810 D-506.2 methode 2
Operating temperature	-55°C → +85°C	-55°C → +85°C
Storage temperature	-55°C → +85°C	-55°C → +85°C
Weight	3.6g ±5% < M < 7.6g ±5%	3.6g ±5% < M < 7.6g ±5%

83450001



Ø 14	1 pole Double-throw	Color	Electrical configuration	Ø 5	Ø 5 + guard	Ø 9.4	Ø 9.4 short hat	Ø 9.4 short hat + guard	Ø 9.4 round	Ø 3.4 1/4 turn fixation (for bayonet)	Ø 9.4 long travel	concave	QuickFix®
	No seal	black	NO/NC	83450501	♦	83450001	♦	83450014	83450025	83450019 83450026 83450030 83450035 83450032	83451001	83450506	83450401 83450402 83450403
			NO/NC	83450502	83450511	83450002	83450008	♦	♦	83450029	♦	♦	83450404
			NO/NC	♦	♦	♦	83450017	♦	♦	♦	♦	♦	♦
		red	NO/NC	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
			NO/NC	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
			NO/NC	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
	Front face seal	black	NO/NC	83450512	♦	83450006 83450028	83450012	♦	83450013	♦	83451003 83451004	83450513	♦
			NO/NC	83450510	♦	83450007	83450011	♦	♦	♦	♦	♦	
			NO/NC	83450509	♦	83450008 83450015	83450010	83450009 83450018	♦	♦	♦	♦	
		red	NO/NC	83450514	♦	83450016	83450030	♦	♦	♦	♦	♦	
			NO/NC	♦	♦	♦	♦	♦	♦	♦	♦	♦	
			NO/NC	♦	♦	♦	♦	♦	♦	♦	♦	♦	

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Low level - Gold plated

Electrical diagram



Dimensions

