















# MARQUARDT

## ➔ SERIES 1680 - SINGLE AND DOUBLE-POLE PUSHBUTTON SWITCHES

TO 16 (4) A / 12 (12) A 250 V AC

 single-pole	8 (8) A 250 V AC 1E4	16 (4) A 250 V AC 1E4	12 (12) A 250 V AC 5E4	12 (12) A 250 V AC 1E4	12 (8) A 250 V AC 1E4	10 (8) A 250 V AC 5E4	16 A 125 - 250 V AC	12 A 125 - 250 V AC 1/2 HP	5 A 125 V AC L	Terminal type	Terminal description	Contact distance (mm)	Contact material	Operating force (N)	Free position (FP) max. (mm)	Operating position (OP) (mm)	Permissible total travel position (TP) (mm)	EN 60335 cap. 30 conform "G"	Miscellaneous	Actuator description	Stock version
	<b>ON / OFF switch (SPST)</b>																				
1681.2102		○				○				⌋	vertical	≥ 3	Ag	7.0 ± 2.5	26.5	23.8	22.2	○	resting pin		
1681.3104		○				○				⌋	4.8 horizontal	≥ 3	Ag	7.0 ± 2.5	26.5	23.8	22.2	○			
1681.4403		○				○				⌋	horizontal	≥ 3	Ag	7.0 ± 2.5	24	21.3	19.7	○	resting pin		
1681.4431		○			○	○				⌋	5.3 long horizontal	≥ 3	Ag	7.0 ± 2.5	24	21.3	19.8		flange on the end faces		
1681.1101					○	○		○		⌋	4.8 vertical	≥ 3	Ag	7.0 ± 2.5	26.5	23.8	22.2				○
1681.1702					○	○		○		⌋	4.8 vertical	≥ 3	Ag	7.0 ± 2.5	24	21.3	19.7	○			
1681.3101					○	○		○		⌋	4.8 horizontal	≥ 3	Ag	7.0 ± 2.5	26.5	23.8	22.2				
1681.3701					○	○		○		⌋	4.8 horizontal	≥ 3	Ag	7.0 ± 2.5	24	21.3	19.7				
1681.4402					○	○		○		⌋	horizontal	≥ 3	Ag	7.0 ± 2.5	24	21.3	19.7		rest pin		
1681.4701					○	○		○		⌋	horizontal	≥ 3	Ag	7.0 ± 2.5	24	21.3	19.7		resting pin		
1681.5701										⌋		≥ 3	Ag	7.0 ± 2.5	24	21.3	19.7				
<b>Normally closed contact (SPNC)</b>																					
1681.9408			○		○					⌋	horizontal	≥ 3	Ag	6.5 ± 1.5	26.85	29.4	22.8		resting pin		
<b>Normally open contact (SPNO)</b>																					
1681.1354					○	○		○		⌋	4.8 vertical	≥ 3	Au	7.0 ± 2.5	24	≤ 21.3	19.7	○	special housing contour		
1681.3501					○	○		○		⌋	4.8 horizontal	≥ 3	Ag	7.0 ± 2.5	24	21.3	19.7			