



Marquardt Mechatronik GmbH
Schloss-Str. 16
78604 Rietheim-Weilheim
Germany

Phone: +49 (0) 7424 / 99-0
Fax: +49 (0) 7424 / 99-2399
Net: www.marquardt.de
E-mail: marquardt@marquardt.de

Technical data

Product image / Drawings

Product number	6425.6111	
Product family	Tact and key switches	
Actuation type	direct	
Pitch	> 15 mm	
Weight	1.392 g	
ROHS conform	yes	
Distributor	EVG / REPRO	
Switching function	Normally open contact (SPNO)	
Material fixed contact	Au	
Number of poles	1 - pole	
connections	PCB terminal	
Rating IEC	100 mA 28 V	
Contact resistance (new condition)	< 250 mOhm	
Insulation resistance (new condition)	> 100 MOhm	
Ambient temperature	-20 °C ... +70 °C	
Storage temperature	-55 °C ... +75 °C	
Actuators and additional actuators	key shaft: POM, natural	
Housing description	base plate: PBTP, black	
Connection surface	bearing connection	tinned
	external connection	tinned
Contact material	Au	
Contact distance	< 3 mm	
Lighting	function illumination: LED, 0.02 A, red	
Miscellaneous	The key base of the standard key can be snapped into a 1.2 mm thick frame with a cut-out of 13.55 x 13.55 mm.	
Contact type	lifting contact	
Operating force	0.7 N	
Bounce time	< 5 ms	
Total travel / stroke	1.4 ± 0.2 mm	
Miscellaneous	LED higher for key cap 827 ... 011	
Type of fastening	Snap fastening	

