



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

Product image / Drawings



Similar to original product

Technical data

Product number	1045.3102	
Product family	Snap-action switches	
Actuation type	indirect	
Weight	1.600 g	
ROHS conform	yes	
Switching function	Changeover switch (SPDT momentary)	
Material fixed contact	Ag	
Number of poles	1 - pole	
connections	PCB terminal, left angled, sealed	
Mechanical life endurance	10E6	
Rating IEC	5 (5) A 250 V AC 10E3	
Design	DIN 41635 B	
Contact resistance (new condition)	< 100 (1 A 12 V DC) mOhm	
Insulation resistance (new condition)	> 100 (500 V DC) MOhm	
Voltage strength at 250 V	function insulation / basic insulation	1 500 V
	small contact distance	500 V
Proof tracking	250 PTI	
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Protection type	Connection	IP 00
	Actuator	IP 67
Ambient temperature	40 °C	
Ambient temperature	-40 °C ... +100 °C	
Storage temperature	-40 °C ... +100 °C	
Flammability	UL 94 V-0	
Glow wire test temperature	850 °C	
Actuators and additional actuators	actuator: standard actuator gasket:	
Housing description	2 fixing pins left side, 2.8 long, diameter 1.78, 2 lever mounting points	
Connection surface	bearing connection	tinned
	external connection	tinned
Contact material	Ag	
Contact distance	< 3 mm	
Contact type	jump contact	
Operating force	≥ 2.6 N	
Bounce time	< 5 ms	
Difference travel max.	0.2 mm	

Marquardt Products

Pretravel max.	1.2 mm
Overtravel	0.5 mm
Free position (FP) max.	9.3 mm
Operating position (OP)	8.4 ±0.3 mm
Permissible total travel position	7.6 mm
Release force	≥ 0.7 N
Approval marks	ENEC 15 / cULus (61058)
Suitable for appliances of protection class	II
EN 60335 cap. 30 conform "G"	yes
Additional labeling	year/week of manuf. acc. to DIN EN 60062
Stock version	●