

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1115.2101



TECHNICAL DATA

Product number	1115.2101	
Business unit	Switches, Sensors & Controls	
Product Manager	Heinichen	
Product family	Snap-action switches	
Actuation type	indirect	
Packing unit	200	
Weight	9 300 g	
ROHS conform	yes	
Output	catalog before 2009 / Web-Shop / catalog	
Switching function	Normally closed contact (SPNC)	
Material fixed contact	Ag	
Number of poles	1 - pole	
connections	Quick-connect terminal, 6 3 x 0 8	
Mechanical life endurance	10E4	
Rating IEC	16 (4) A 400 V AC 1E4	
Rating North America	6 A 250 V AC 1/6 HP 12 A 125 V AC 1/6 HP	
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
	→ reinforced insulation	3 000 V
	→ small contact distance	500 V
Proof tracking	250 PTI	
Protection type	→ Connection	IP 40
Ambient temperature	→ connection side	-40 °C +85 °C
Flammability	UL 94 V-0	
Glow wire test temperature	850 °C	
Actuators and additional actuators	PA glass fiber-reinforced, black	

Housing description	housing PA glass ball reinforced, black, ultrasonically welded
Connection surface	→ bearing connection silver plated → external connection silver plated
Contact material	Ag
Contact distance	> 3 mm
Rating Code UL	R 68
Contact type	lifting contact
Operating force	6 0 ± 0 5 N
Pretravel max	2 0 mm
Overtravel	2 5 mm
Free position (FP) max	15 mm
Permissible total travel position	10 5 mm
Approval marks	CSA / UL / ENEC 05
Suitable for appliances of protection class	II
Additional labeling	site, year, week of manuf
Degree of pollution	3
Stock version	■

Technical changes reserved Dimensions are not binding
Detailed specifications available on request

Marquardt GmbH Schloss-Straße 16 78604 Rietheim-Weilheim Germany
Phone +49 (0) 7424 / 99-0 Fax +49 (0) 7424 / 99-2399 www.marquardt.com marquardt@marquardt.de