

Metal bodied limit switch

Series M49

Description **M49-SU1Z RW 1,5M**

Article number **612300009**

Operating symbol

Operating diagram

On
 Off

Tolerance:
 Operating points $\pm 0,2$ mm;
 Direct opening action $\pm 0,2$ mm;
 Operating force $\pm 0,2$ N

Electrical Data	
Rated insulation voltage	U_i 400 V
Conv. thermal current	I_{the} 10 A
Rated operational voltage	U_e 240 V AC / 24 V DC
Utilization category	AC-15, 240 V / 3 A; DC-13, 24 V / 2,8 A
Direct opening action	\ominus 30 N acc. to IEC/EN 60947-5-1
Short-circuit protective device $U_e < 500$ V a.c. - gG type fuses	Fuse 10 A gG
Protection class	I

Mechanical data	
Enclosure	Zn die-casting, powder coated, RAL 7001 (silver gray)
Actuator	Plunger (nickel plated brass) with external sleeve (silicone), roller (galvanized steel)
Ambient air temperature	-during operation -25 °C ... +70 °C -for storage -40 °C ... +70 °C
Contact type	Snap action, 1 NC (Form Zb), 1 NO
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	3600 / h
Velocity for actuating	0,5 m/s
Resistance between contacts	< 25 mΩ
Connection	PVC 5 x 0,75 mm ² cable, 1,5 m length
Weight	0,240 kg
Installation position	All positions are authorized
Protection type	IP67 acc. to EN 60529

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2014/35/EU (Low-Voltage-Directive)