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Technical data

Product image / Drawings

Product number	1022.4501	
Product family	Snap-action switches	
Actuation type	indirect	
Weight	11.968 g	
ROHS conform	yes	
Distributor	EVG	
Switching function	Changeover switch (SPDT momentary)	
Material fixed contact	gold-plated	
Number of poles	1 - pole	
connections	Cable, 500 long	
Mechanical life endurance	10E4	
Rating IEC	2 A 24 V DC 10E4 4 A 12 V DC 10E4	
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	
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Protection type	Connection	IP 67
	Actuator	IP 67
Ambient temperature	-40 °C ... +85 °C	
Storage temperature	-40 °C ... +100 °C	
Flammability	UL 94 V-2	
Glow wire test temperature	850 °C	
Actuators and additional actuators	POM, gray	
	additional actuator: stainless steel	
	spring steel, L21, lever simulated roller	
	gasket: silicone rubber	
Housing description	housing: PBTP, black, 1 pin right 4.5 long diameter 3.95, metal eye top side (adjustable)	
Contact material	gold plated	
Contact distance	< 3 mm	
Contact type	jump contact	
Operating force	< 2.5 N	
Bounce time	< 5 ms	
Difference travel max.	1.0 mm	
Pretravel max.	3.0 mm	
Overtravel	0.9 mm	
Free position (FP) max.	15.5 mm	
Operating position (OP)	13.4 ±0.9 mm	



Permissible total travel position	11.6 mm
Miscellaneous	adjustable operating position ± 2