



## Toggle switches

### 9048.0102

<b>Product number</b>	<b>9048.0102</b>	
<b>Business unit</b>	Switches, Sensors & Controls	
<b>Product family</b>	Toggle switches	
<b>Actuation type</b>	direct	
<b>Packing unit</b>		100
<b>ROHS conform</b>	yes	
<b>Output</b>	catalogue miniature switch	
<b>Switching function</b>	Changeover switch with OFF position in the center (SPDT - Center OFF)	
<b>Material fixed contact</b>	Ag	
<b>Contact system</b>	Electrical life	50000
<b>Number of poles</b>	1 - pole	
<b>connections</b>	Solder terminal, sealed	
<b>Mechanical life endurance</b>		50000
<b>Rating IEC</b>	4 A 30 V DC	
	5 A 48 V AC	
<b>Contact resistance (new condition)</b>	< 20 mOhm	
<b>Insulation resistance (new condition)</b>	> 1000 MOhm	
<b>Voltage strength at 250 V</b>	small contact distance	> 1000 V
<b>Ambient temperature</b>	-25 °C ... +70 °C	
<b>Actuators and additional actuators</b>	lever: CuZn chrome-plated	
	screw sleeve: CuZn chrome-plated, silvermetallic	
<b>Housing description</b>	threaded socket: CnZn nickel-plated, hexagonal nuts of nickel-plated CuZn	
	locking ring: Duroplast (base) / chromated galvanized steel (bracket plate)	
	toothed disc: Duroplast (base) / chromated galvanized steel (bracket plate)	
	bracket plate: stainless steel	
	base plate: DAP, olivegreen	
<b>Connection surface</b>	bearing connection	silver plated
	external connection	silver plated
<b>Contact material</b>	Ag	
<b>Contact type</b>	lifting contact	
<b>Miscellaneous</b>	other screw sleeves 9090.02... In other colours, see additional parts	
<b>Type of fastening</b>	central fastening M6 x 0.75	

Technical changes reserved. Dimensions are not binding.

Detailed specifications available on request.

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