

# Switches

## SL11: New auxiliary contact blocks

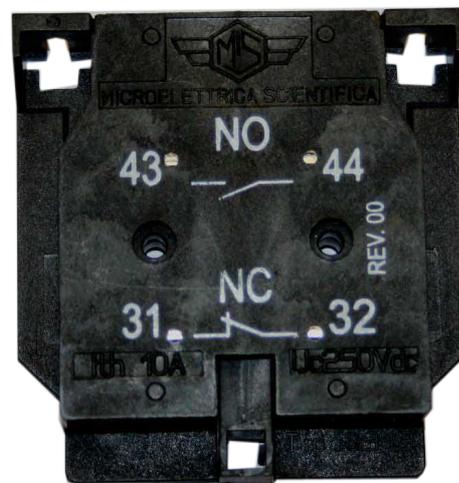
Microelettrica Scientifica SpA, always careful and active in technological and qualitative progress, on the basis of its pluriennial experience with SK11 range, has developed a new range of auxiliary contact blocks named SL11.

The new auxiliary contact blocks are easily recognisable cause of the plastic material used, black polyamide (see below images). These new blocks, initially designed to meet specific requirements concerning very low temperature resistance (-50°C), have demonstrate, during extended endurance tests, to have a very high performance concerning reliability. For this reason, in order to rationalize our offer and take these performances as a standard, SL11 will replace SK11 as standard auxiliary contact blocks.

**SK11**



**SL11**



NOTE: Overall dimensions are completely unvaried in order to guarantee perfect interchangeability with present auxiliary contact blocks (SK11).



*Microelettrica Scientifica*

# Switches

Comparison between SK11 and SL11 auxiliary contacts		
	SK11	SL11
		
Material	Makrolon	Latamid
Stock Temperature Range [°C]	-50 + 85	-50 + 85
Operation Temperature Range [°C]	-40 + 75	-50 + 80
Tips Material	Solid Silver (Gold plating opt.)	Solid Silver (Gold plating opt.)
Rated Operational Voltage [ $V_{ac}$ / $V_{dc}$ ]	250	250
Rated Current [A]	10	10
Minimum Switching Current at 16V <sub>dc</sub> [mA]	20	5
Max Altitude without Performance Derating [m]	1500	1500
Electrical Connections	Screw M4 or Fast-on 6.3x0.8	Screw M4 or Fast-on 6.3x0.8
Mechanical Life [cycles]	2x10 <sup>6</sup>	2x10 <sup>6</sup>
Long Life Reliability [fault per million]	90	1

Correspondance between Sk11 references and SL11 references		
	SK11	SL11
		
<b>Auxiliary contact block 1NO + 1NC</b>	<b>REFERENCES</b>	
13-14/21-22 fast-on Ag with tang and spring	<b>2440427</b>	<b>2440627</b>
43-44/31-32 fast-on Ag with tang and spring	<b>2440428</b>	<b>2440628</b>
53-54/61-62 fast-on Ag with tang and spring	<b>2440429</b>	<b>2440629</b>
83-84/71-72 fast-on Ag with tang and spring	<b>2440430</b>	<b>2440630</b>
13-14/21-22 fast-on Ag with spring	<b>2440431</b>	<b>2440631</b>
43-44/31-32 fast-on Ag with spring	<b>2440432</b>	<b>2440632</b>
13-14/21-22 fast-on Ag	<b>2440452</b>	<b>2440652</b>
43-44/31-32 fast-on Ag	<b>2440453</b>	<b>2440653</b>
53-54/61-62 fast-on Ag with tang	<b>2440454</b>	<b>2440654</b>
83-84/71-72 fast-on Ag with tang	<b>2440455</b>	<b>2440655</b>
13-14/21-22 screw Ag with tang and spring	<b>2440427/V</b>	<b>2440627/V</b>
43-44/31-32 screw Ag with tang and spring	<b>2440428/V</b>	<b>2440628/V</b>
53-54/61-62 screw Ag with tang and spring	<b>2440429/V</b>	<b>2440629/V</b>
83-84/71-72 screw Ag with tang and spring	<b>2440430/V</b>	<b>2440630/V</b>
13-14/21-22 screw Ag with spring	<b>2440431/V</b>	<b>2440631/V</b>
43-44/31-32 screw Ag with spring	<b>2440432/V</b>	<b>2440632/V</b>
13-14/21-22 screw Ag	<b>2440452/V</b>	<b>2440652/V</b>
43-44/31-32 screw Ag	<b>2440453/V</b>	<b>2440653/V</b>
53-54/61-62 screw Ag with tang	<b>2440454/V</b>	<b>2440654/V</b>
83-84/71-72 screw Ag with tang	<b>2440455/V</b>	<b>2440655/V</b>
<b>Auxiliary contact block 2NO</b>	<b>REFERENCES</b>	
13-14/23-24 fast-on Ag with tang and spring	<b>2440436</b>	<b>2440636</b>
43-44/33-34 fast-on Ag with tang and spring	<b>2440437</b>	<b>2440637</b>
13-14/23-24 fast-on Ag	<b>2440450</b>	<b>2440650</b>
43-44/33-34 fast-on Ag	<b>2440451</b>	<b>2440651</b>