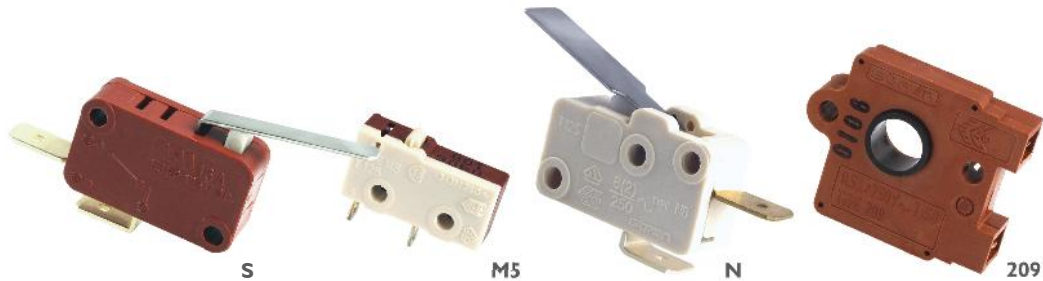


Hvac components



Microswitch



Description

Snap action microswitches are mechatronic parts suitable for closing, opening or switching electrical circuits under resistance or motor loads. They are biased switched (i.e. a stable mechanical position exists); an internal elastic element grants the return to the initial position, once the operation is accomplished. They are installed inside electrical circuits of appliances, industrial devices, vehicles. Bitron Group has designed and manufactures microswitches for more than 60 years.



Datasheet

- Body** Self-extinguishing glass-filled PA 66 (passes glow wire test 850°C)
- Terminals** Silver-plated brass
- Switch blade** Copper alloy
- Contacts** Silver alloy (gold plated on request)

Available features

TYPE	SIZE (mm)	CURRENT	VOLTAGE	OPERATING FORCE	MAX AMB. TEMP	FEATURES
S	27.9X16X10.3	20 mA3(1) / 20(4)A	24V dc / 250V ac	7 / 450 cN	125 °C	Wiping contact. Version with integrated RAST 2.5 connector. Different levers.
M5	19.8x10.2x6.4	3(1.5)A / 3(3)A/5A	250V ac	100 / 220 cN	125 °C	Version IP 64 with harness.
N	28.3x17.8x10.2	8(2)A / 16(4)A	250V ac	250 / 700 cN	125 °C	
209	27x34x8	0.5A	250V ac	500 / 700 cN	150 °C	27.9X16X10.3

Operating life varies from one model to another and also as a function of the load: ask Bitron for further information relevant to a specified microswitch. Bitron microswitches have been certified against European and North American standards and can show the following quality marks, according to different families.

