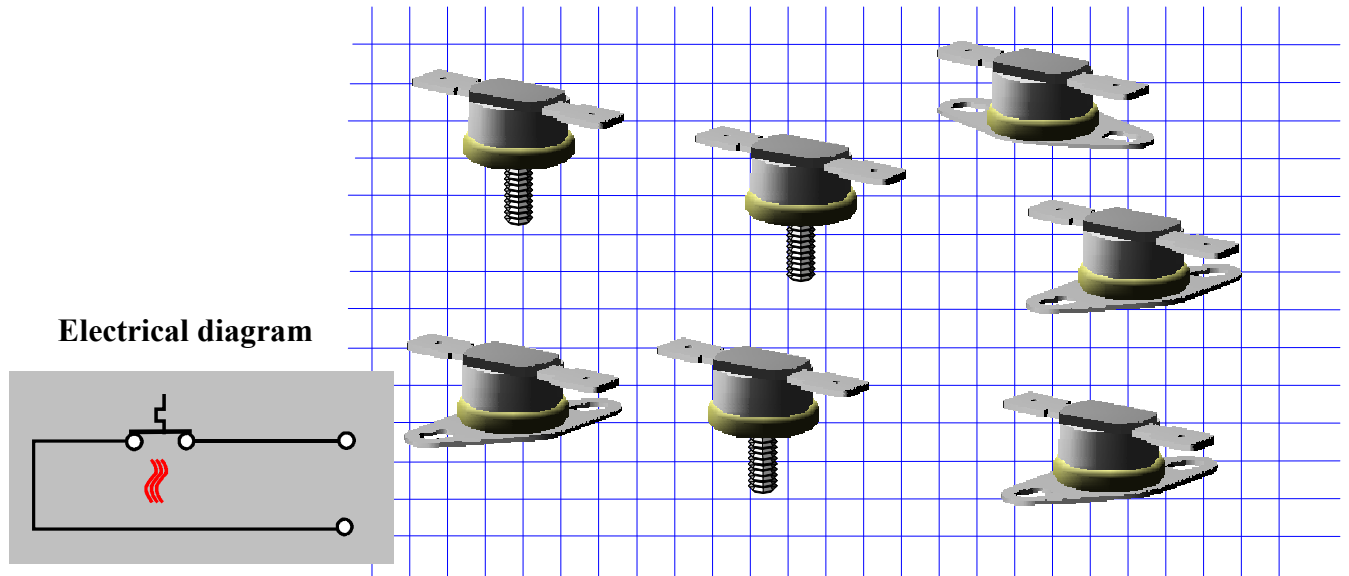
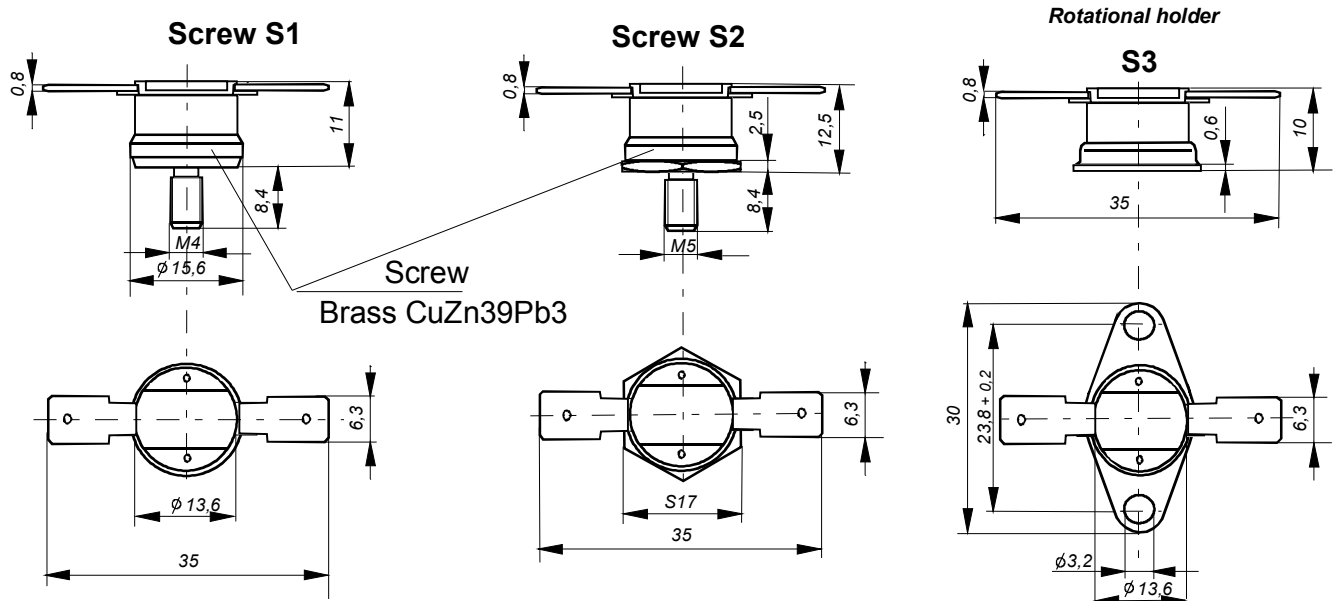


THERMAL CUT-OUT TYPE AR03 – *automatic reset*

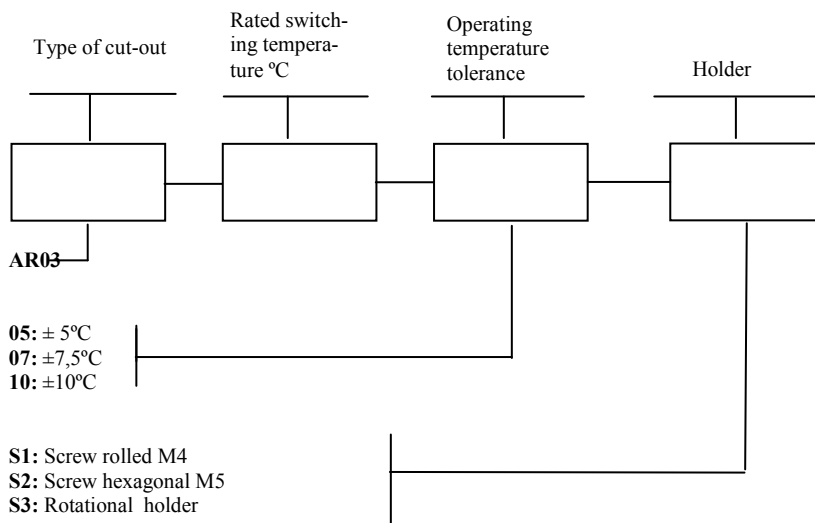


<u>Contact</u>	<u>double gap, normally closed</u>
<u>Rated voltage</u>	<u>max 250 V, 50÷60 Hz</u>
<u>Number of operating cycles at rating loading</u>	<u>16 A (6A)/10 000 cycles</u>
<u>Making and breaking capacities</u>	<u>min 100 mA</u> <u>max 20 A / 200 cycles</u>
<u>Range of rated switching temperatures</u>	<u>50°C - 180°C</u>
<u>Operating temperature tolerance</u>	<u>±5°C / ±7,5°C / ±10°C</u>
<u>Operating differential</u>	<u>30 ± 15°C below switching temperature</u>
<u>Speed of temperature changes to determine switching temperature</u>	<u>0,5°C / min</u>
<u>Time of switching delay</u>	<u>max 50 s</u>
<u>Maximum ambient temperature</u>	<u>200°C</u>
<u>Thermal resistance</u>	<u>max 230°C / 1min</u>
<u>Degree of protection</u>	<u>IP 40</u>
<u>PTI of material used for insulation</u>	<u>250 V</u>
<u>Resistance of insulation</u>	<u>≥ 2 MΩ</u>
<u>Electric strength of insulation</u>	<u>1 500 V; 50 Hz; 1 min</u>
<u>between open contacts</u>	<u>500 V; 50 Hz</u>
<u>Contact resistance</u>	<u>≤ 15 mΩ</u>
<u>Elements of connection</u>	<u>plug – in connector 6,3x0,8</u>
<u>Construction</u>	<u>to build in</u>

THERMAL CUT-OUT TYPE AR03 – *automatic reset*



Code determination



Example of symbols in orders:

1. **AR03 - 125 - 05 – S3** means thermal cut – out **AR03**, rated switching temperature **125⁰C** and tolerance **± 5⁰C**, with rotational holder type **S3**.

2. **AR03 - 110 - 07 – S1** means thermal cut – out **AR03**, rated switching temperature **110⁰C** and tolerance **± 7,5⁰C**, with clamping screw rolled **S1** and thread **M4**.