



**General description**

TSE 150 is a thermoactuator designed for ON/OFF control. The actuator is thermo-electric. Heating is achieved by a PTC element.  
A high adjusting force guarantees reliable operation and a long service life.

**Technical description**

**Applications:**

Suits all TA Hydronics thermostatically controlled valves, and floor heating manifolds with M30x1,5 connection to the thermostatic head.

**Supply voltage:**

24V AC/DC  
220-240V AC

**Power consumption:**

Start - 5.4 W During operation - 5.4 - 3 W

**Adjusting force:**

120 N

**Operating cycle time:**

Open - closed 3-5 min

**Temperature:**

Max. ambient temperature: 50 °C

**Thermal resistor - servo:**

PTC-resistor. (Positive temperature coefficient, that is, the resistance increases when the temperature increases).

**Voltage protection:**

Built-in VDR (voltage dependent resistor) in the cap as peak voltage transient protection for PTC-resistor 220-240V.

**Enclosure class:**

IP 21

**Cable length:**

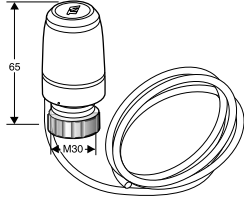
1 m and 3 m

**Stroke:**

3 mm

**Actuator**

**24V AC/DC**



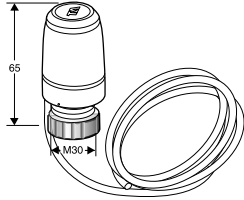
**Normally open TSE 150 NO**

TA No	Cable length
50 357-001	1 m
50 357-011	3 m

**Normally closed TSE 150 NC**

TA No	Cable length
50 357-002	1 m
50 357-012	3 m

**220-240V AC**



**Normally open TSE 150 NO**

TA No	Cable length
50 357-201	1 m
50 357-211	3 m

**Normally closed TSE 150 NC**

TA No	Cable length
50 357-202	1 m
50 357-212	3 m

TA Hydraulics retains the right to make changes to its products and specifications without prior notice.