



## Surface mounting thermostats with housing GAT



### Benefits

- Mechanical temperature controller
- Ideal for underfloor heating systems
- Temperature limitation at pipes
- Easy installation with strap

### Application

Surface mounting thermostat for strap mounting at pipes from 16 to 100 mm diameter. The version with internal adjustment and temperature control range up to 60 °C is specially suited for underfloor heating systems.

### Description

The surface mounting thermostat uses a bimetal strip (element consisting of two metal strips with different heat expansion coefficients). When the temperature changes, the bimetal strip bends which triggers electrical switching.

### Technical specifications

#### Type

GAT

#### Operating range

See ordering table

#### Tolerance

+2 K/-8 K

#### Switching differential

$\Delta T 8 \pm 3 K$

#### Setting

GAT/7HC: Internal

GAT/7RC: External

#### Probe element

Bimetal

#### Operating temperature range

Housing: Max. 85 °C

#### Housing

Upper part: Plastic (PVC), grey (RAL 7035)

Base plate: Steel, galvanised

#### Cable entry

Plastic (PVC), black

M20 x 1.5

#### Degree of protection

IP 20 (EN 60529)

#### Electrical switching contact

Changeover contact

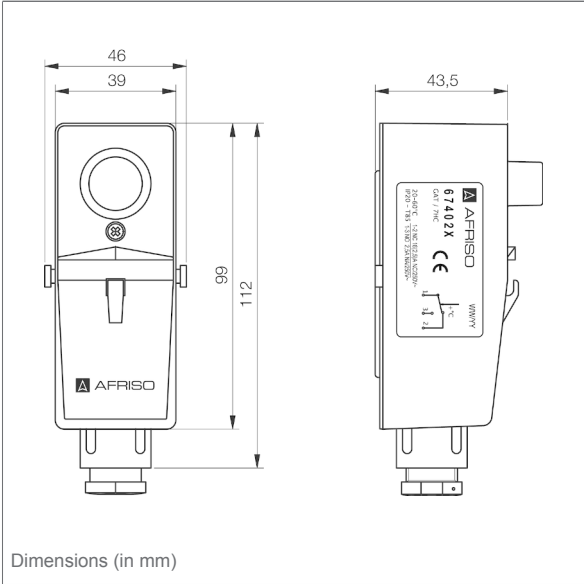
#### Contact rating

NC: AC 250 V, 16 (2.5) A

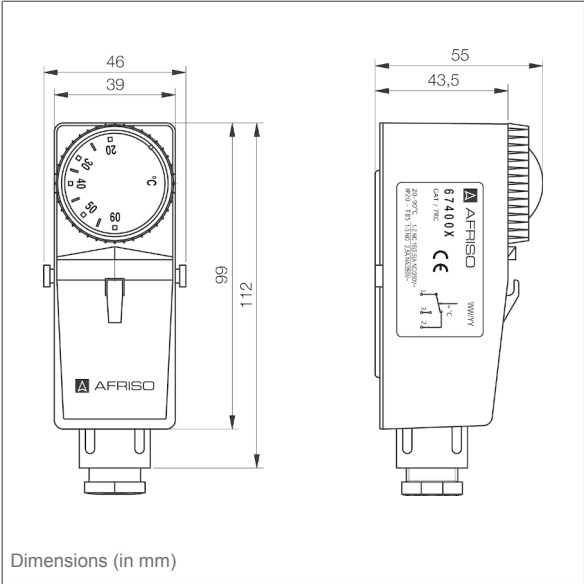
NO: AC 250 V, 2.5 A

Technical drawings

GAT/7HC, internal adjustment



GAT/7RC, external adjustment



Versions

	Adjustment	Operating range	Part no.
Surface mounting thermostat with housing GAT/7HC	Internal	20/60 °C	67402X
Surface mounting thermostat with housing GAT/7HC	Internal	20/90 °C	67403X
Surface mounting thermostat with housing GAT/7RC	External	20/60 °C	67400X
Surface mounting thermostat with housing GAT/7RC	External	20/90 °C	67401X

Blue part no. = in-stock items