

Frost protection thermostat Type A2G-65

WIKA Datasheet A2G-65

Applications

- For temperature control and prevention of frost damage to water heating coils in ventilation and air-conditioning systems
- The SPDT switch can be used to initiate the following frost-protection measures:
 - Ventilator OFF
 - External air damper CLOSED
 - Heating coil valve 100 % OPEN
 - START of heating coil pump
 - Chiller (condenser) and air-humidifier OFF
 - Activation of the visible and/or audible frost warning alarms



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Special features

- Automatic resetting
- Small dead band
- High switching repeatability
- Comes standard with mounting accessories
- Easy mounting

Description

Design standards

CE conformity: 2004 / 108 / EG Electromagnetic compatibility (EMC)
 Product safety: 2001/95/EC Product safety
 EMC: EN 60730-1: 2002
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Adjustable set point range

-10 ... 15 °C (Factory setting at 5 °C)

Switching difference

≤ 2 °F , ±1 °C

Repeatability

±0.5 °C

Active sensor length

approx. 23.6 inches

Switching type

SPDT switch, max. 250 V AC, max. 10 A
 Contact material: Ag / Ni (90 % / 10 %), gold-plated (3 µm)

Ingress protection

NEMA 5 (IP 65 per EN 60529 / IEC 529)

Standard features

Capillary tube

Cu-alloy

Length 9 feet, optional 5.5 or 18 feet

Capillary tube filling

R 507 refrigerant

Resetting

Automatic, manual optional

Electrical connection

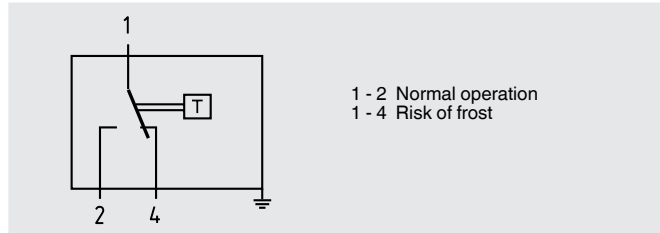
Cable gland M16 x 1.5

Housing material

Lower body: PA GK30

Cover: ABS clear

Wiring diagram



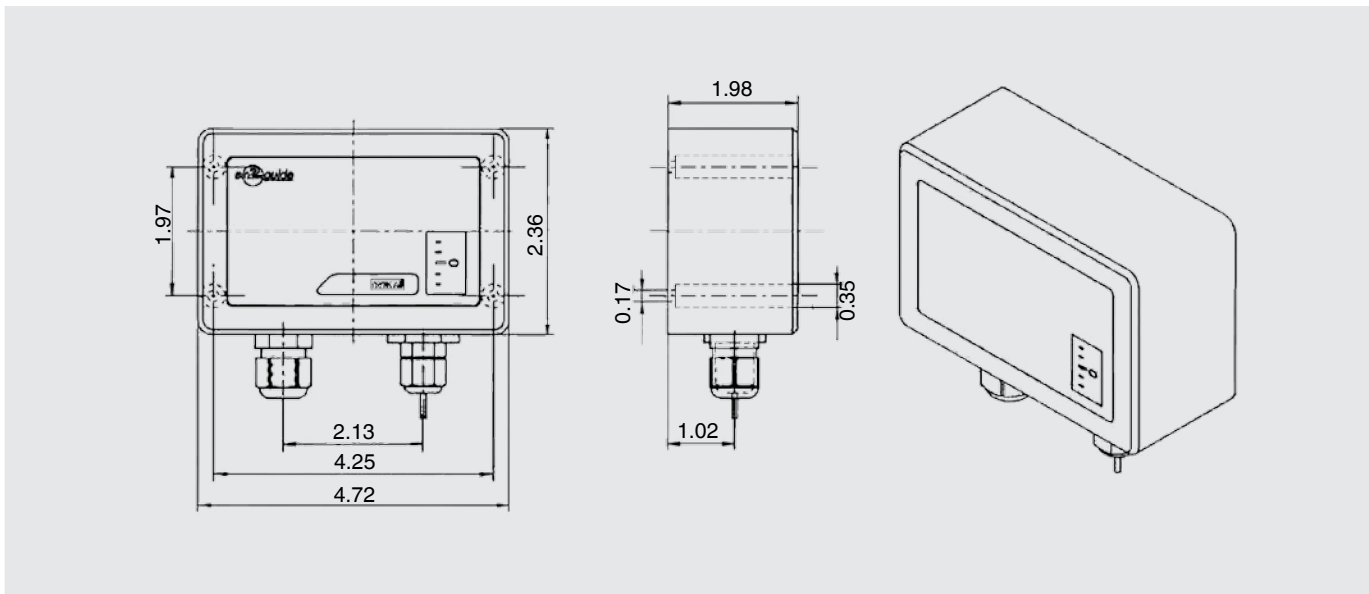
Standard accessories

- Mounting clamps, 6 pieces for 9 foot long capillary tube
- 2 x feeder grommets DA 20/80/10

Options

- Manual resetting
- Capillary tube length 5.5 or 18 feet

Dimensions in inches



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