**Hygrostat HY 10 AP**

Hygrostat for controlling fans depending on the relative air humidity.

Maximum current (when cos phi=1) 8 A or (when cos phi=0.6) 4A.

Continuous setting range: 20 % to 95 % relative humidity.

Fine adjustment in comfort range at 45 % to 65 % relative air humidity.

Switching hysteresis: approx. 2 % relative humidity.

To ensure that the connected fan does not run without interruptions, the hygrostat switches into standby mode after around 1 hour. Thus the fan is shut off for around 4 hours. If the setpoint has not been reached after 4 hours, the fan is switched back on again.

To prevent the moisture setpoint from being changed by unauthorised persons in rented or public buildings, a fixed value control mechanism can be set on the underside of the unit. Then the setpoint is permanently set to 60 % relative air humidity regardless of the position of the knob on the front of the unit.

Installation instructions

Install at height of around 1.5 m and away from direct sunlight, draughts and waste heat from electrical units and heaters.

Do not fit in a unit with electrical devices which produce heat (e.g. dimmers).

A hygroscopic base (e.g. gypsum plasterboards) can affect the control characteristics of the hygrostat. So fit on a moisture-neutral base (e.g. tiles).

Technical data

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| Article: | HY 10 AP |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz |
| Degree of protection: | IP 20 |
| Type of installation: | Surface-mounted |
| Colour: | Pure white, similar to RAL 9010 |
| Weight: | 0,1 kg |
| Weight including packaging: | 0,14 kg |
| Width: | 81 mm |
| Height: | 81 mm |
| Depth: | 36 mm |
| Width with packaging: | 195 mm |
| Height with packaging: | 90 mm |
| Depth with packaging: | 37 mm |
| Ambient temperature: | 0 °C up to 50 °C |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799573586 |
| Article number: | 0157.0358 |

Manufacturer: MAICO

HY 10 AP Hygrostat