

Controller TRH

Thermohygrostat

FEATURES

- Extends the service life and increases the reliability of electrical equipment
- Can significantly reduce electricity consumption
- The possibility of attachment on a **DIN rail** or on the **wall** or panel
- Controller electronics **placed in a plastic** box with IP66 protection (valid for certain models)

The TRH controller is a control unit for controlling two separate power channels, for example heating element and fan.

It was specially developed to meet the requirements of power plants, especially for demanding climate control in classic power switchgear and disconnectors. It is also widely used in climate-controlled warehouses, greenhouses, document depositories, archives, museums, etc.

The TRH controller is produced in two basic mechanical versions: the electronics of the controller is placed in a **robust plastic box** with V0 fire resistance and IP66 protection or the controller is placed in a **standard box for mounting directly on a DIN rail**.

TECHNICAL DATA

Parameter	Detail		
Temperature range	-20 °C až + 70 °C ± 0,5 °C throughout the range, resolution 0,1 °C		
Relative humidity	0-100 % ± 2%		
Power supply	230 V/50 Hz, max. 4 W (no load)		
Cable ext. Sensors	max. 5 m		
Switched power	Channel 1 – fan: 400 W, Channel 2 – contact or coil (heating element): 400 W		
Protection	electronics in a plastic box with IP66 protection		electronics and external sensor in standard DIN version
Mounting	DIN rail holder	On the wall or panel	
Dimensions	130 x 118 x 70 mm	130 x 118 x 50 mm	105 x 86 x 58 mm
Weight	370 g (with sensor 440 g)	350 g (with sensor 450 g)	250 g (with sensor 295 g)
Degree of pollution	2		
Install. category	II.		
Order number	0900-s	0901-s	0902-s

