

THERMO-HYGROSTAT

HYMTM22



- ▶ Combined temperature and humidity control
- ▶ Changeover contact for heating or fan
- ▶ Quick and easy installation on DIN rail
- ▶ Compact design
- ▶ Precise control for your control cabinet

REGULATING

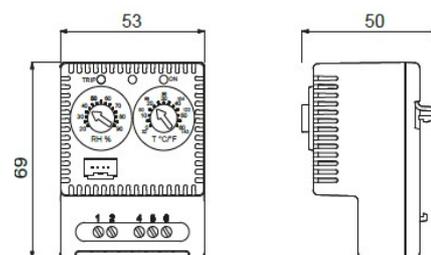


The HymTM22 electronic thermo-hygrostat ensures precise monitoring and control of temperature and humidity in control cabinets. By combining both functions, it reliably protects sensitive components from condensation, overheating, and excessive humidity. The controller can control both a heater and a fan and adapts individually to the ambient conditions thanks to its adjustable switching points. Due to its compact design and simple DIN rail mounting, it can be easily integrated into existing systems and ensures the long-term safe operation of switch cabinet technology.

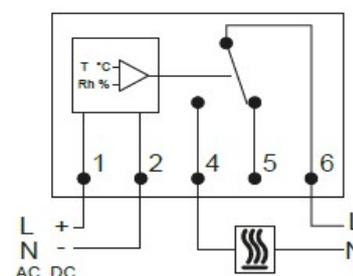
TECHNICAL DATA

Art.-No.	HymTM22
Switch contact	Change over (NO / NC)
Adjustment range Temperature/ Humidity	0°C to +60°C / 20% to 90% r.H.
Switching accuracy Temperature/ Humidity	±1K / ±1%
Hysteresis Temperature/ Humidity	±2K / ±4%
Weight	110g
Dimensions (H x W x D)	69x53x50mm
Protection type	IP20; EN60529
Operating temperature / Storage temperature	-40°C to +60°C / -40°C to +70°C
Mounting position	Vertical
Mounting connection	Clip for 35mm DIN-rail; EN60715
Type of connection	5-pole connection terminal for 0,5mm ² - 2,5mm ²
Housing material	PA6, UL94 V0 self-extinguishing, light grey RAL 7035
Switching rating	24V - 250V AC / 10 (5)A @50/60Hz 24V - 72V DC / 8A
Lifetime	> 100.000 cycles
Certifications	CE, UKCA

TECHNICAL DRAWING (SPECIFICATION IN MM)



WIRING DIAGRAMM



STATUS: 10|2025

The information on this datasheet contains descriptions and performance characteristics that may not always apply in the specific use case described or may change due to product development. The desired performance characteristics are only binding if expressly agreed upon at the time of contract conclusion. The mentioned technical data has been determined under laboratory conditions according to generally accepted testing procedures. Only to this extent are properties assured. The examination of suitability for the intended purpose or use under operating conditions lies with the customer. We do not provide any warranty for this. Errors, availability, and technical changes are subject to change without notice.