

MFR 012 Electromechanical Hygostat

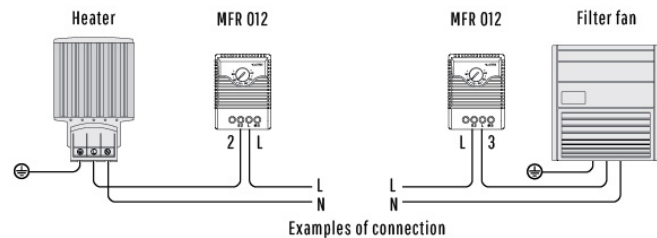
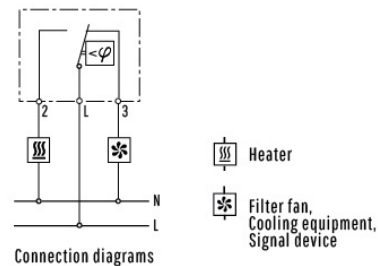
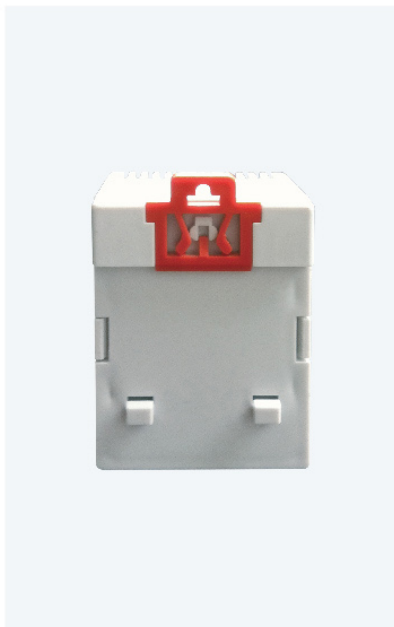
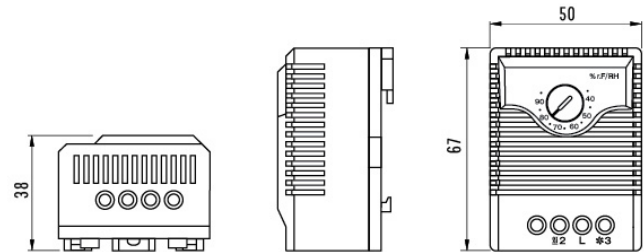
IP20



- Adjustable relative humidity
- Change-over contact
- High switching capacity
- Easily accessible terminals
- Clip fixing

The electromechanical hygostat is designed to control enclosure heaters so that the dew point is raised when a critical relative humidity of 65% is exceeded. In this way condensation and corrosion in enclosures with electric/electronic components is effectively prevented.

Dimensions



Switching error	4% RH ($\pm 3\%$ tolerance)
Relative humidity range	35 - 95%
Allow wind speed	15m/sec
Contact type	Changeover contact
Contact resistance	< 10m ohm
Service life	> 50,000 cycles
Mix. Switching capacity	20V AC/DC 100 mA
Max. Switching capacity	250V AC, 5(1)A, DC 20W
Connection	3-pole terminal for 2.5mm ² , clamping torque 0.5Nm max.: rigid wire 2.5mm ² , stranded wire (with wire end ferrule) 1.5mm ²
Installation	35mm DIN Installation guide
Casing	UL94 V-0 Plastic, light gray
Dimensions	67x50x38mm
Weight	about 60g
Fitting position	variable
Operating/Storage temperature	0 - +60°C (+32 - +140°F) / -20 - +80°C (-4 - +176°F)
Protection type	IP20
Model No.	Setting range
MFR 012	35 - 95% RH