



Adjustable relative humidity

Change-over contact

High switching capacity

Terminals easily accessible

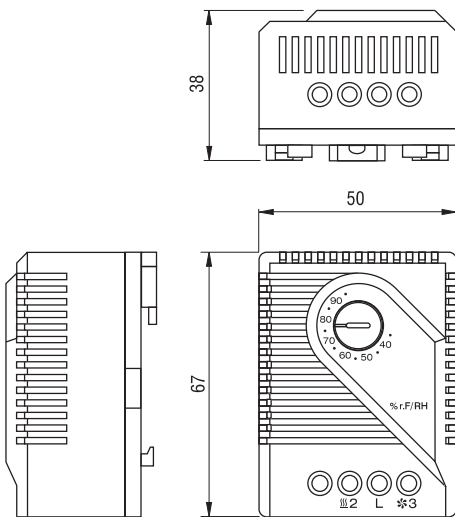
Clip fixing

The electromechanical thermostat MRF 012 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 is effectively prevented.

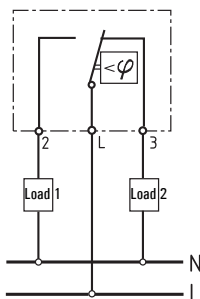


Technical Data

Switch difference*	4% RH (± 3% tolerance)
permissible air velocity	15m/sec
Contact type	change-over contact
Contact resistance	< 10m
Service life	> 50,000 cycles
Min. Switching capacity	20V AC/DC, 100mA
Max. Switching capacity	250VAC, 5 (0.2) A
	DC 20W
EMC	acc. to EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
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
Mounting	clip for 35mm DIN rail, EN50022
Casing	plastic according to UL94 V-0, light grey
Dimensions	67 x 50 x 38mm
Weight	approx. 60g
Fitting position	variable
Operating / Storage temperature	0 to +60°C (+32 to +140°F) / -20 to +80°C (-4 to +176°F)
Protection type	IP20

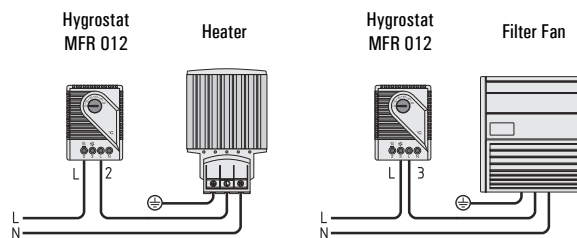


Connection Diagram



Load 1 = Enclosure heater
Load 2 = Filter fan, Cooling equipment, Signal device

*at 50% RH



Examples of connection

Art. No.	Setting range
01220.0-00	35 to 95% RH