



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

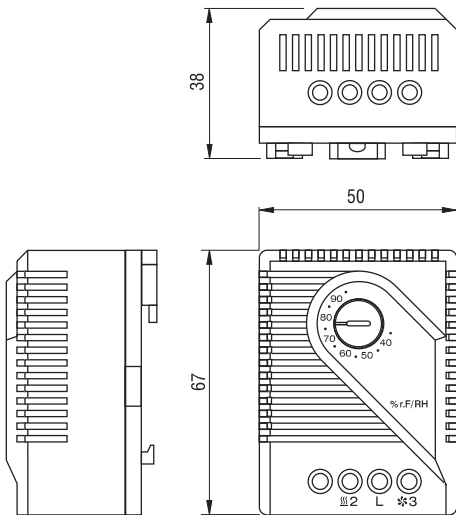
The electromechanical hygrostat MFR 012 is designed to control enclosure heaters so that the dew point is raised when a critical relative humidity of 65% is exceeded. In this way condensation and corrosion is effectively prevented.



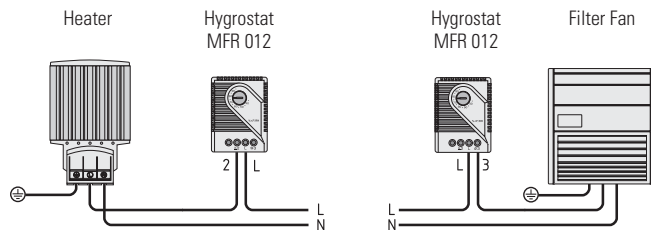
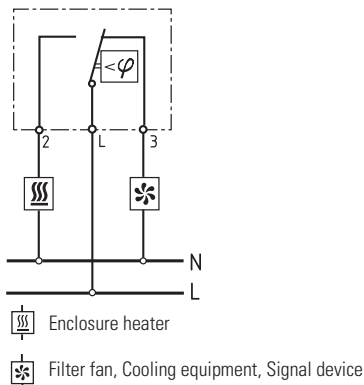
Technical Data

Switch difference*	4% RH ($\pm 3\%$ tolerance)
Permissible air velocity	15m/sec
Contact type	change-over contact
Service life	> 50,000 cycles
Min. Switching capacity	20V AC/DC, 100mA
Max. Switching capacity	250VAC, 5A
Connection	DC 20W 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, EN60715
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) / -40 to +60°C (-40 to +140°F)
Operating / Storage humidity	max. 90 % RH (non-condensing)
Protection type	IP20
Approvals	UL File No. E164102

*at 50% RH



Connection diagram



Examples of connection

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