

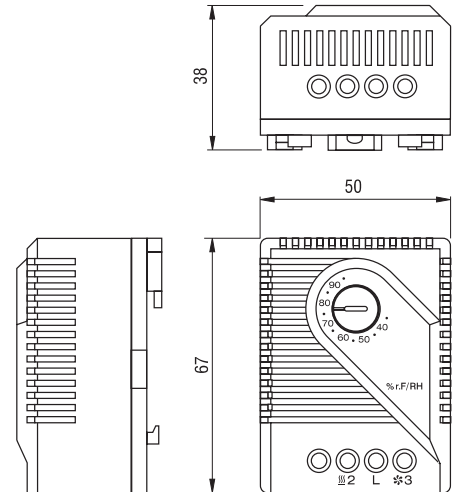
- Adjustable relative humidity
- Change-over contact
- High switching capacity
- Easily accessible terminals
- Clip fixing

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.

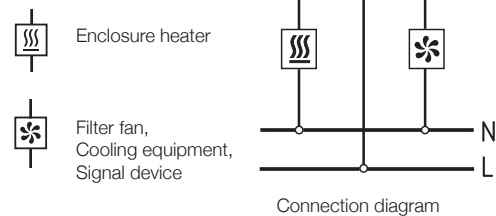
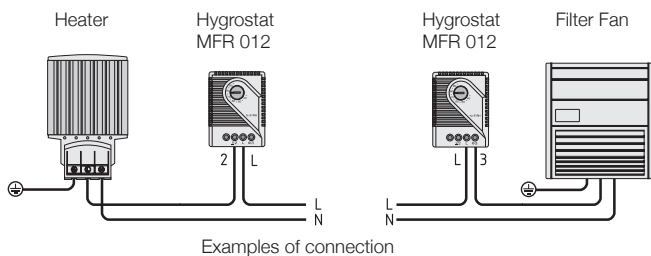


Technical Data:

Switch difference*	4% RH ($\pm 3\%$ tolerance)
Permissible air velocity	15m/sec
Contact type	Change-over contact
Contact resistance	$< 10\text{m}\Omega$
Service life	$> 100,000$ cycles
Min. switching capacity	20V AC/DC, 100mA
Max. switching capacity	250VAC, 5 (1) A DC 20W
EMC	acc. to EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
Connection	3-pole terminal, 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	67x50x38mm
Weight	Approx. 60g
Fitting position	Variable
Op/storage temp.	0 to +60°C / -20 to +80°C
Protection type	IP20
Approvals	UL File No. E164102



*at 50% RH.



Art. No.	Setting range
32038	35 to 95% RH