

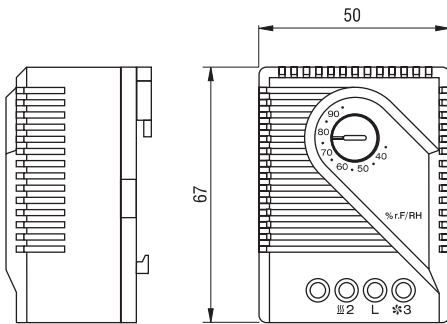
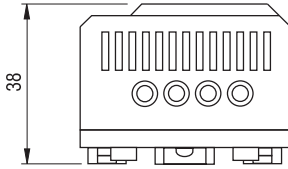


Mechanical Hygrostat MFR 012



FEATURES

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

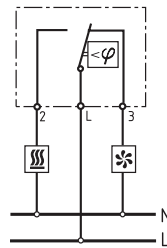


TECHNICAL DATA

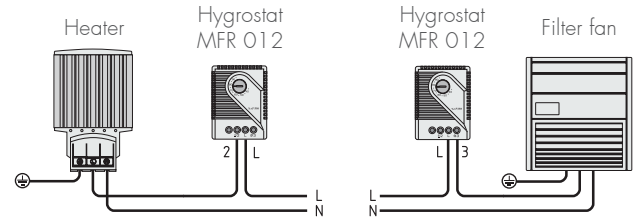
Switch temperature difference	4% RH ($\pm 3\%$ tolerance)
Permissible air velocity	15 m/sec.
Contact type	change-over contact
Contact resistance	$< 10\text{m}\Omega$
Service life	$> 100,000$ cycles
Min. switching capacity	AC 20 V / DC 100 mA
Max. switching capacity	AC 250 V, 5 A DC 20 W
Connection	3-pole terminal for 2.5 mm ² , clamping torque 0.5 Nm max.: Rigid wire 2.5 mm ² (AWG 14) stranded wire 2 1.5 mm ² (AWG 16)
Mounting	clip for 35 mm DIN rail, EN 60715
Casing	Plastic according to UL94 V-0, light grey
Dimensions	67 x 50 x 37 mm
Weight	Approx. 60 g
Fitting position	Variable
Operating/Storage temperature	0 to +60 °C (+32 to +140 °F) / -40 to +60 °C (-40 to +140 °F)
Protection type	IP20

- * When connecting with stranded wires, wire end ferrules must be used.
- * at 50 % RH

Connection diagram



Examples of connection



Enclosure heater

Filter fan, Cooling equipment,
Signal device

For this product, please contact:

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