

MFR012

HIGROSTATO ELECTROMECHANICO

5AMP

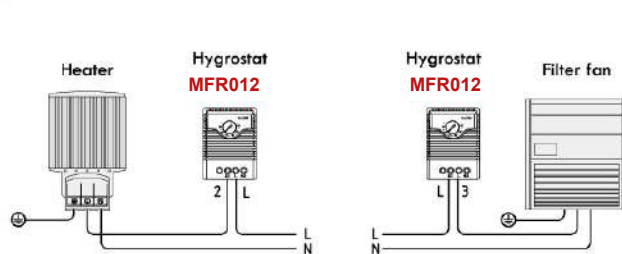
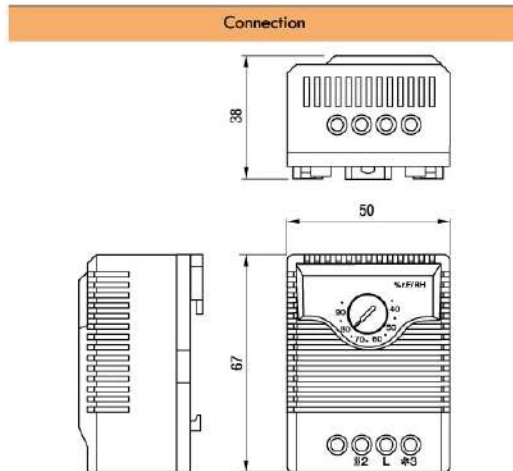


MFR012

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

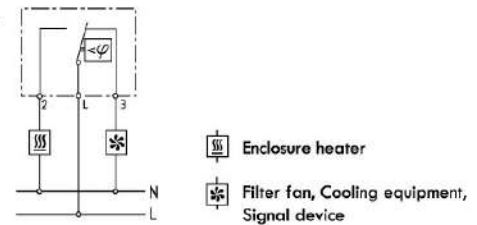
The electromechanical hygrostat is designed to control enclosure heaters so that the dew point is raised when a critical relative humidity of 65% is exceeded. In this way condensation and corrosion in enclosures with electric/electronic components is effectively prevented.

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| 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 | 25 VAC, 5 A 20WDC |
| 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 |



Examples of connection

Connection diagram



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| Art. No. MFR012 | Setting range 35 to 95% RH |
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