

Mechanical Hygrostat MFR 012



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

The electromechanical hygrostat 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

Art. No.	01220.0-00
Permissible air velocity	15m/sec
Contact type	change-over contact
Contact resistance	< 10mΩ
Service life	> 50,000 cycles
Min. switching capacity	AC/DC 20V 100 mA
Max. switching capacity	AC 230V 5A (resistive load) AC 230V 0,2A (inductive load at cos phi = 0.6) up to DC 50V 1A / up to DC 75V 0,5A (inductive load at L/R = 3 ms)
EMC	acc. to EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
Connection	3-pole terminal for 2.5mm ²
Mounting	clip for 35mm DIN rail, EN50022
Length	67mm
Width	50mm
Height	38mm
Weight (approx.)	60g
Fitting position	variable
Storage temp.	-45 °C (-49 °F) to 70 °C (158 °F)
Protection type	exSchutzart}
Setting Range Humidity	35 to 95% RH
Approvals	CE
Misc	Switch difference at 50% RH: 4% RH (±3% tolerance)

