MECHANICAL HYGROSTAT - MFR 012

MFR

01220.0-00
MFR 012 Hygrostat, 35-95% RH, change over



- Simple installation
- Change-over contact
- High breaking capacity

PRODUCT DESCRIPTION

High humidity in a cabinet produces condensation and corrosion, which often leads to creep currents, flash-over, contact problems, etc.
The difference in temperature between night and day can often be sufficient for condensation to form. To prevent this, besides a thermostat that starts a heater before the set minimum temperature is reached, a hygrostat should also be mounted that starts the heater/fan if the humidity exceeds a set value. MFR012 has a change-over contact and can even be used to control air humidifiers if the air becomes too dry.

SPECIFICATIONS

Approvals	CE, cULus, EMC, RoHS, UL, UL E164102
Color	Light Grey
Contact resistance	<10 mΩ
Contact type	Currentless open
Control range humidity from	35 % RF
Control range humidity to	95 % RF
Depth	38 mm
EMC	EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
Flamklass	UL94-V0
Height	67 mm
Humidity Storage	<95% RH
Hysteresis Humidity	4% RH
IP Class	IP20
Material of body	Plastic
Mounting	Clip on, DIN rail

Operating Humidity	< 90% RH
Operational Temperature	0 °C ... +60°C
Storage temperature	-40°C ... +60°C
Weight	0.06 kg
Width	50 mm



