

## 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

<b>Material of body</b>	Plastic
<b>Mounting</b>	Clip on, DIN rail
<b>Operating Humidity</b>	< 90% RH
<b>Operational Temperature</b>	0 °C ... +60°C
<b>Storage temperature</b>	-40°C ... +60°C
<b>Weight</b>	0.06 kg
<b>Width</b>	50 mm

