



## MECHANICAL HYGROSTAT - MFR 012

MFR

01220.0-00

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

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



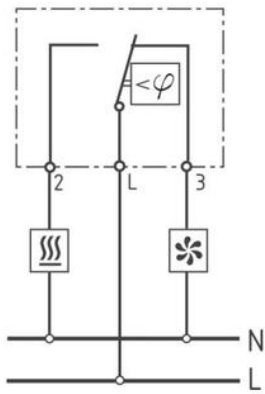
### PRODUCT DESCRIPTION



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

<b>Approvals</b>	CE, cULus, EMC, RoHS, UL, UL E164102
<b>Color</b>	Light Grey
<b>Contact resistance</b>	<10 mΩ
<b>Contact type</b>	Currentless open
<b>Control range humidity from</b>	35 % RH
<b>Control range humidity to</b>	95 % RH
<b>Depth</b>	38 mm
<b>EMC</b>	EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
<b>Flammability class</b>	UL94-V0
<b>Height</b>	67 mm
<b>Humidity Storage</b>	<95% RH
<b>Hysteresis Humidity</b>	4% RH
<b>IP Class</b>	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



-  Enclosure heater
-  Filter fan, cooling equipment, signal device

