OEM Automatic Ltd
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MECHANICAL HYGROSTAT - KFR 012

KFR

01241.0-00
KFR 012 Hygrostat, Preset 50% RH, normally open



- Preset for humidity (65 % rF or 50 % rF)
- Compact
- High breaking capacity
- Simple mounting and quick installation

PRODUCT DESCRIPTION

This mechanical hygrostat KFR 012 is preset at 65 % or 50 %. This makes it easier to install hygrostats. It can often be difficult to know which humidity is to be set on the hygrostat. If the hygrostat is set at a value that is too low, the heating fan runs too frequently and thus produces large energy losses, or if the hygrostat is set at a value that is too high, components in the cabinet can be damaged. For the sake of simplicity, STEGO has developed two different models.
65 % humidity (rF) – for most cabinets with normal humidity
50 % humidity (rF) – for cabinets with components that are sensitive to high humidity.

TECHNICAL DATA

GENERAL DATA

Control range humidity from	50 % RF
Control range humidity to	50 % RF
Hysteresis humidity	4% RH
Mounting	Clip on, DIN rail
Contact type	1 x N/O
Colour	Light grey

RATED OPERATING CONDITIONS

Breaking capacity	250VAC, 5 (0.2) A
Contact resistance	<10 mΩ
Connection type	2-pole terminal for 2.5mm²
Operational temperature	0 °C ... +60°C
Storage temperature	-20°C ... +80°C

Life span	> 50,000 cycles
Humidity storage	<90% RH

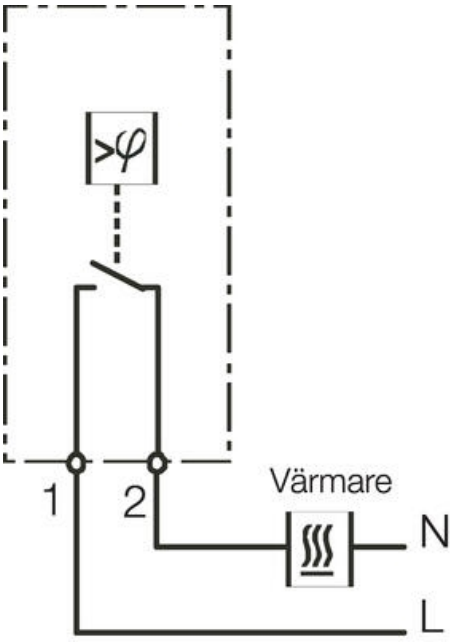
DIMENSIONS

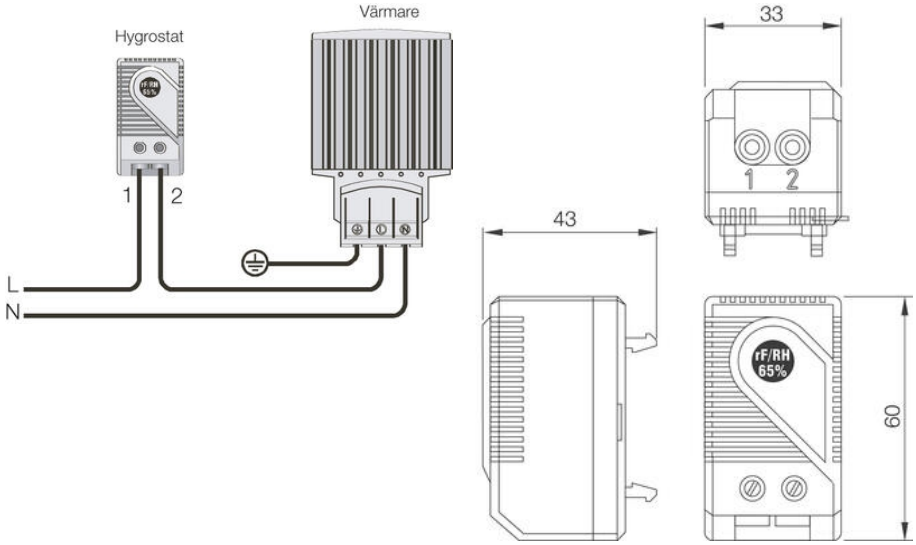
Height	60 mm
Depth	33 mm
Weight	0.04 kg
Material of body	Plastic

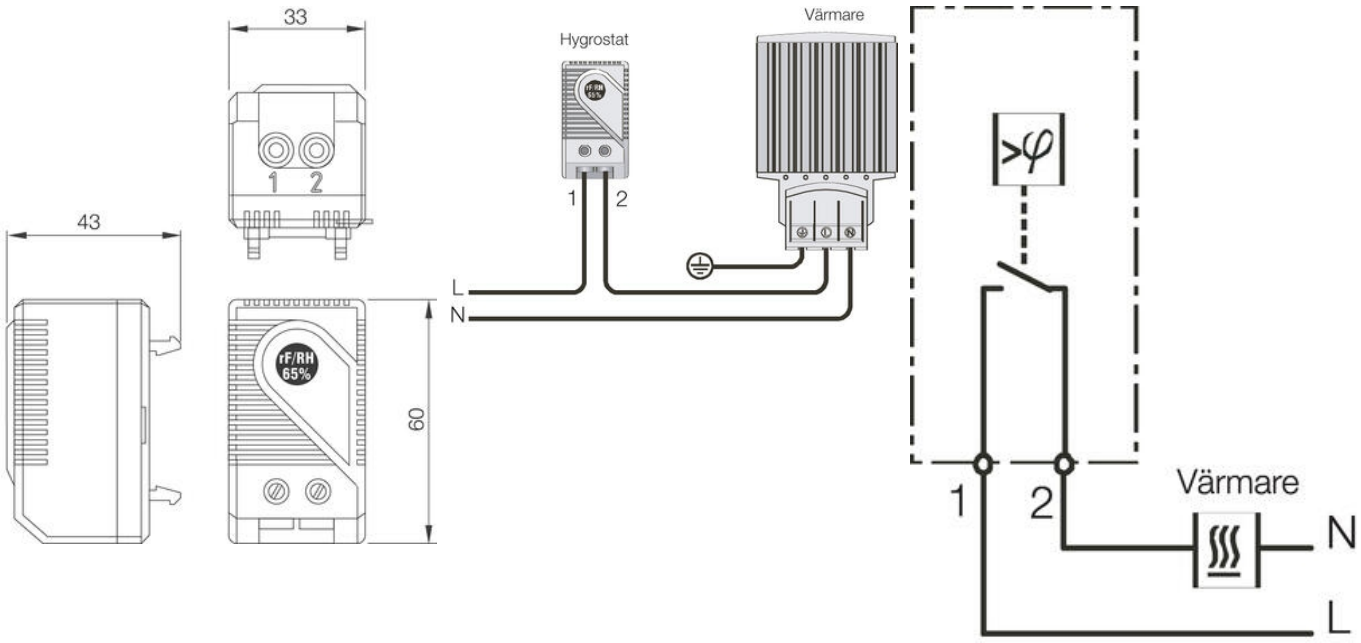
SAFETY & APPROVALS

IP class	IP20
Approvals	CE, UL, VDE
Flammability class	UL94-V0

EMC	EN 55014-1-2, EN 61000-3-2, EN 61000-3-3






33
43
1 2
rF/RH
65%
60
Hygrostat
Värmare
1
2
L
N
>φ
1
2
Värmare
N
L