



Description

The electromechanical hygrostat NMH is designed to control enclosure humidity so that the dew point is raised when the critical relative humidity of 65% is exceeded. In this way condensation and corrosion is effectively prevented. Application is for cabinets of electrical distribution, control panel, switchgear and control gear, cabinets of industrial automation.

Features

- ✓ Adjustable relative humidity
- ✓ Change-over contact high switching capacity
- ✓ Easily accessible terminals
- ✓ Clip fixing for 35mm. Din rail
- ✓ Protection class IP20

Specification

Type model	NMH
Switch difference	4% RH ($\pm 3\%$ tolerance)
RH range	35% - 95%
Contact type	change – over contact
Contact resistance	<10m Ω
Service life	>100,000 cycles
Max. switching capacity	250VAC, 5A DC 20W (24 – 75VDC)
Connection	3-pole terminal for 2.5mm ² clamping torque 0.5Nm max.: rigid wire 2.5mm ² Stranded wire (with wire end ferrule) 1.5mm ²
Mounting	Clip for 35mm DIN rail, EN50022
Casing	Plastic according to UL94 V-O, light grey
Dimension	67 x 50 x 38 mm.
Weight	Approx. 60 g.
Operating /Storage temperature	0 to 60°C (+32 to 140°F)/-20 to +80°C (-4 to +176°F)
Protection class	IP20

Wiring Diagram

