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ELECTRONIC HYGROSTAT - DCF 010

DCF

01012.0-20
DCF 010, N/O&N/C, 40...90 % RH, DC 15 A, with ext sensor



- For high DC loads
- Low hysteresis
- Optical display (LED)
- Integrated relay
- With external sensor

PRODUCT DESCRIPTION

This electronic hygrostat (DCF010) with integrated relay is used to control high DC loads, such as enclosure heaters, coolers and large fans.
The high DC switching current is achieved with a high powered MOSFET and mechanical contacts
The external sensor can be placed anywhere in the control cabinet for precise measurement of humidity (RF).
In addition, this hygrostat is available in versions that not only measure relative humidity via the external sensor, but also the temperature.

TECHNICAL DATA

GENERAL DATA

Control range humidity from	40 % RF
Control range humidity to	90 % RF
Hysteresis humidity	4% RH @ +25°C, 50% RH
Mounting	Clip on, DIN rail
Contact type	1 x N/O (MOSFET) and 1 x N/C (MOSFET)
Colour	Grey

RATED OPERATING CONDITIONS

Voltage max	56 V dc
Voltage min	20 V dc
Breaking capacity	DC 15 A
Connection type	6-pole terminal
Operational temperature	-30°C … +40°C
Storage temperature	-40°C ... +80°C
Life span	> 100,000 cycles

Operating humidity	< 90% RH
Humidity storage	<90% RH

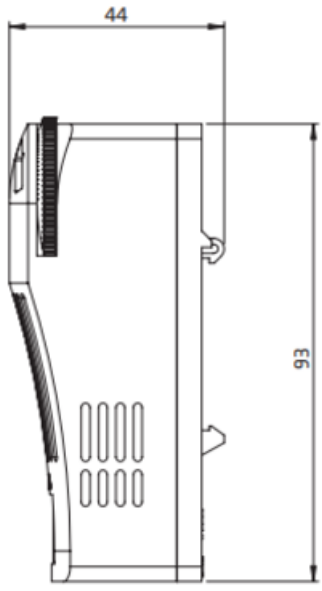
DIMENSIONS

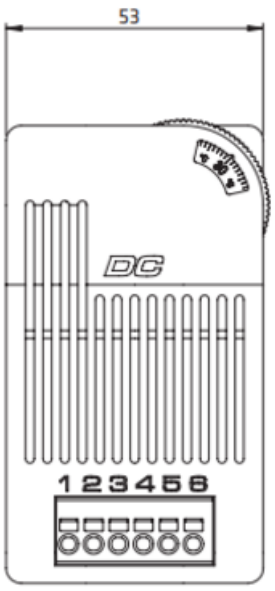
Height	93 mm
Width	53 mm
Depth	44 mm
Weight	1.2 kg
Material of body	Plastic

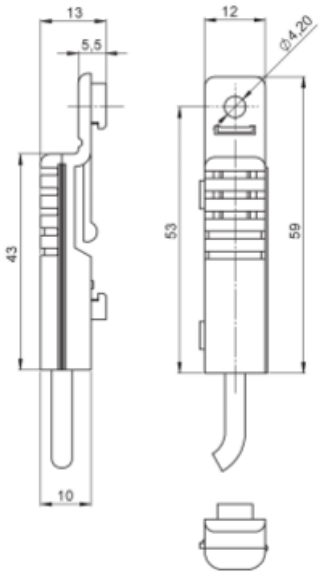
SAFETY & APPROVALS

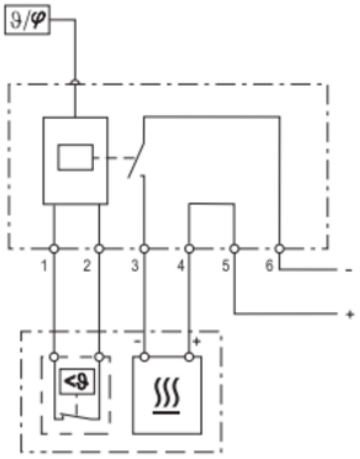
IP class	IP20
Approvals	CE, cULus, EAC, RoHS, UL, UL E164102, VDE

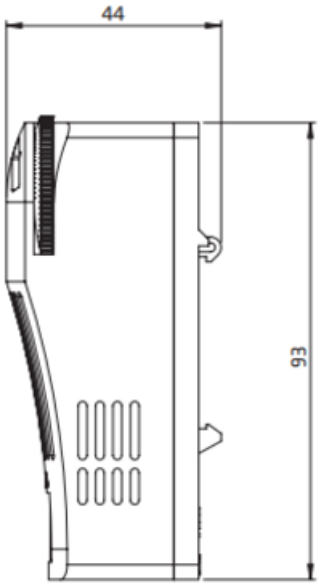
Additional information	Includes external sensor with 2m cable with snap in connector

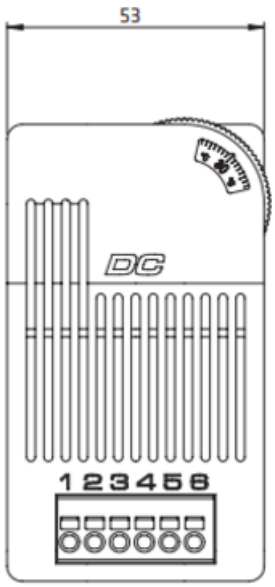


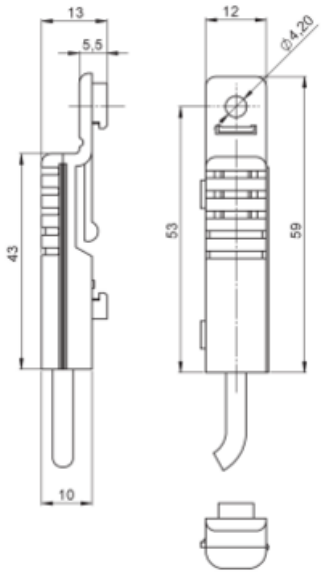


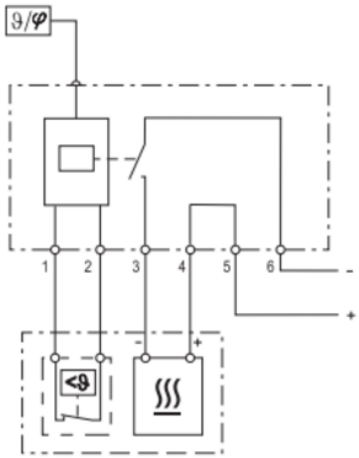



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