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THERMOSTAT 20-56V DC - DCT 010

DCT

01011.0-21
DCT 010 Thermostat with sensor, -10°C…+50°C, normally open - 13A dc



- For high DC loads
- Small hysteresis
- Optical indication (LED)
- Also available with moisture detection

PRODUCT DESCRIPTION

The electronic thermostat with integrated switch module is used to control DC powered devices with high capacities in control and switch cabinets.

Heaters, coolers, filter fans or signal devices can directly be controlled via an internal electronic circuit.

The external sensor can be positioned freely anywhere in the control cabinet for precise temperature measurements.

Additionally, this thermostat is available in versions that not only measure temperature via the external sensor, but also the relative humidity (RH).

TECHNICAL DATA

GENERAL DATA

Control range temperature from	-10 °C
Control range temperature to	50 °C
Hysteresis temperature	3 K (±1 K) @ 25 °C (77 °F), @ 50% RH
Contact type	1 x N/O
Colour	Light grey
Activation	Temperature

RATED OPERATING CONDITIONS

Voltage max	56 V dc
Voltage min	20 V dc
Breaking capacity	DC 13 A
Operational temperature	-30°C ... +50°C
Storage temperature	-30°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	0.12 kg
Material plastic housing	Plastic
Cable length	2000 mm

SAFETY & APPROVALS

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







