

**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**

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

**RATED OPERATING CONDITIONS**

Operational temperature	-30°C ... +50°C
Voltage max	56 V dc
Voltage min	20 V dc
Storage temperature	-30°C ... +80°C
Life span	100,000 cycles

Humidity storage	<90 % RH
Operating humidity	< 90% RH
Breaking capacity	DC 13 A

## DIMENSIONS

Weight	0,12 kg
Material plastic housing	Plastic
Depth	44 mm
Cable length	2000 mm
Width	53 mm
Height	93 mm

## SAFETY & APPROVALS

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



