



20296084

Thermostat, change-over heating/cooling switch Berker Q.1/Q.3/Q.7/Q.9

Technical features

Main electrical features

| | |
|-----------------|----------|
| Nominal voltage | 230 V AC |
| Frequency | 50 Hz |

Electric current

| | |
|---------------------------------|-----|
| Heating switching current | 5 A |
| "Switching current ""Cooling""" | 2 A |

Measurement

| | |
|--|-----------|
| Relative humidity (without condensation) | 0...95 % |
| Range of temperatures | 5 / 30 °C |

Materials

| | |
|----------|---------------|
| Material | Plastic/metal |
|----------|---------------|

Installation, mounting

| | |
|-------------------|------------------------|
| Installation mode | without spreader claws |
|-------------------|------------------------|

Connection

| | |
|---------------------------------|-------------|
| Conductor cross-section (rigid) | 1...2,5 mm² |
| - with plug-in terminals | |

Equipment

| | |
|--|---------|
| Switching temperature difference | ≈ 0,5 K |
| - setting knob with temperature range limitation | |
| - e.g. for valve drives closed in de-energised state | |

Safety

| | |
|-------------------------|---|
| Degree of contamination | 2 |
|-------------------------|---|

Use conditions

| | |
|---|-----------|
| Operating temperature | 0...55 °C |
| Energy efficiency class | I (1 %) |
| - temperature control range adjustable | |
| - Temperature measurement via internal temperature sensor | |
| - with thermal return | |

Identification

| | |
|--------------------------|--|
| Application, usage | HVAC control |
| Main design line | Berker Q.1/Q.3/Q.7/Q.9 |
| Secondary design line(s) | Berker Q.1, Berker Q.3, Berker Q.7, Berker Q.9 |