



20291909

## Thermostat, change-over heating/cooling switch Berker S.1/B.3/B.7, polar white matt

### 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 mm <sup>2</sup>
- 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 S.1/B.3/B.7
Secondary design line(s)	Berker S.1, Berker B.3, Berker B.7