

EAN code IDRT3-1 white: IDRT3-1 ivory: IDRT3-1 ice: IDRT3-1 pearl: IDRT3-1 aluminium: IDRT3-1 gray:

8595188149488 (device, cover) 8595188179614 (device, cover) 8595188179591 (device, cover) 8595188179521 (device, cover) 8595188179584 (device, cover) 8595188179607 (device, cover) **Technical parameters** 

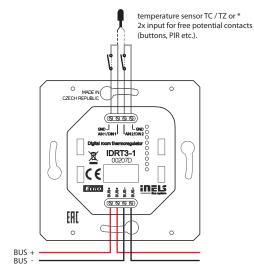
IDRT3-1

8595188149488 (device, cover)

Temperature measuring:YES, built-in thermo sensorRange/accuracy of0 to +55 °C; 0.3 °C from rangeHeating/cooling circuit cor- rection:±3, ±4 or ± 5 °CManual control of heating/2 x buttonscooling circuit:2 x buttonsExternal temperature sensor:YES, the connection between AlN1/DIN1 and AIN2/DIN2Type of external sensor:-C/TZTemperature measurement range:-20 °C to +120 °CTemperature measurement accuracy:0.5 °C from rangeDisplay:0.5 °C from rangeDisplay:Symbol displayBacklight:YESPower supply27 V DC, -20/+10 %Supply voltage/tolerance:27 V DC, -20/+10 %Dissipated power:max. 0.5 WRated current:20 mA (at 27 V DC, from BUSConnectionInstallationPover supply0 to +50 °CProtecting demperature:0 to +50 °CProtecting demperature:10 to +50 °CProtecting demperature:2 to triat is into installation boxPollution degree:2Operating conditions11.Pollution degree:2Operation position:vertical, downward with BUS terminalInstallation:into installation boxDimensions85.6 x 85.6 x 50 mm- plastic:85.6 x 85.6 x 50 mm- plastic:85.6 x 85.6 x 50 mm- plastic:94 x 94 x 50 mm	Inputs	
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Installation:into installation boxDimensions and weightImage: Comparison of the state of the sta	Pollution degree:	2
Dimensions and weight     Dimensions     - plastic:   85.6 x 85.6 x 50 mm     - metal, glass, wood, granite:   94 x 94 x 50 mm	Operation position:	vertical, downward with BUS terminal
Dimensions   - plastic:   - metal, glass, wood, granite:   94 x 94 x 50 mm	Installation:	into installation box
- plastic:     85.6 x 85.6 x 50 mm       - metal, glass, wood, granite:     94 x 94 x 50 mm	Dimensions and weight	
- metal, glass, wood, granite: 94 x 94 x 50 mm	Dimensions	
	- plastic:	85.6 x 85.6 x 50 mm
Weight: 76 g (without frame)	- metal, glass, wood, granite:	94 x 94 x 50 mm
	Weight:	76 g (without frame)

- · IDRT3-1 is a digital wall temperature controller used to regulate the temperature in a room.
- Using the IDRT3-1, it is possible to correct the given heating/cooling circuit within a range of  $\pm 3$ ,  $\pm 4$  or  $\pm 5$  °C (optional in SW iDM3).
- The temperature controller is equipped with an integrated heat sensor used to measure the room temperature. It is also equipped with two analog digital inputs (AIN/DIN), which can be used to connect two potential free contacts or a single external temperature sensor TC/TZ (e.g. for measuring the floor temperature).
- · The display shows the current temperature and after pressing one of two buttons under the display, you can control the desired temperature.
- · Readability improves after pressing one of the buttons to activate the backlight.
- · Heating/cooling circuit is assigned with a thermo-regulator using iDM3.
- In the case of temperature correction within  $\pm 3$ ,  $\pm 4$  or  $\pm 5$  °C, this change is valid until the next time mark within the time schedule established in iDM3.
- IDRT3 -1 in design LOGUS90 is intended for mounting into an installation box.

## Connection



\* The choice is made in iDM3 for each unit separately.

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