

EAN code: RFSTI-11B-SL: 8595188184045

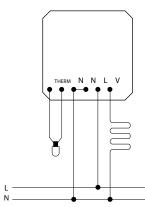
Supply voltage:230 V ACSupply voltage frequency:50-60 HzApparent input:7 VA / cos $\varphi$ = 0.1Dissipated power:0.7 WSupply voltage tolerance:+10 %; -15 %Temp. measurement rangeand accuracy:0.5 °C of the rangeOutputNumber of contacts:1x switchingRated current:8 A / AC1Switching power:2000 VA / AC1Peak current:10 A / <3 sSwitching voltage:250 V AC1Mechanical service life:1x10°Electrical service life:1x10°Electrical service life:25-channelsCommunication protocol:RFIO2Frequency:866-922 MHz (for more information see p.72)Repeater function:yesManual control:button PROG (ON/OFF)External button/switch:yesRange:in open space up to 200 mOther dataOperating position:anyanyMouting:free at lead-in wiresProtection:1P40Overvoltage category:III.Connection:2Connection:2Connection:3 x 44 x 22 mmWeight:31gRelated standards:EN 60730, EN 63044, EN 300 220, EN 301 489	Technical parameters	RFSTI-11B-SL
Apparent input:7 VA / cos $\varphi = 0.1$ Dissipated power:0.7 WSupply voltage tolerance:+10 %; -15 %Temp. measurement range-20 to +50 °Cand accuracy:0.5 °C of the rangeOutputNumber of contacts:1x switchingRated current:8 A / AC1Switching power:2000 VA / AC1Peak current:10 A / <3 s	Supply voltage:	230 V AC
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Temp. measurement range and accuracy:-20 to +50 °C o C of the rangeOutputIx switchingNumber of contacts:Ix switchingRated current:8 A / AC1Switching power:2000 VA / AC1Peak current:10 A / <3 s	Dissipated power:	0.7 W
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Rated current:8 A / AC1Switching power:2000 VA / AC1Peak current:10 A / <3 s	Output	
Switching power:2000 VA / AC1Peak current:10 A / <3 s	Number of contacts:	1x switching
Peak current:10 A / <3 sSwitching voltage:250 V AC1Mechanical service life:1x107Electrical service life (AC1):1x105ControlWireless:Communication protocol:RFIO2Frequency:866–922 MHz (for more information see p.72)Repeater function:yesManual control:button PROG (ON/OFF)External button/switch:yesRange:in open space up to 200 mOther data0Operating temperature:-15 to + 50 °COperating position:anyMounting:free at lead-in wiresProtection:IP40Overvoltage category:III.Connamination degree:2Connection:screwless terminalsConnection:0.2-1.5 mm² solid/flexibleDimensions:43 x 44 x 22 mmWeight:31g	Rated current:	8 A / AC1
Switching voltage:250 V AC1Mechanical service life:1x107Electrical service life (AC1):1x105Control25-channelsCommunication protocol:RFIO2Frequency:866–922 MHz (for more information see p.72)Repeater function:yesManual control:button PROG (ON/OFF)External button/switch:yesRange:in open space up to 200 mOther data0Operating temperature:-15 to + 50 °COperating position:anyMounting:free at lead-in wiresProtection:III.Contamination degree:2Connection:screwless terminalsConnection:0.2-1.5 mm² solid/flexibleDimensions:43 x 44 x 22 mmWeight:31g	Switching power:	2000 VA / AC1
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Interview	Switching voltage:	250 V AC1
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Wireless:25-channelsCommunication protocol:RFIO2Frequency:866-922 MHz (for more information see p.72)Repeater function:yesManual control:button PROG (ON/OFF)External button/switch:yesRange:in open space up to 200 mOther dataOperating temperature:-15 to + 50 °COperating position:anyMounting:free at lead-in wiresProtection:IP40Overvoltage category:III.Connection:screwless terminalsConnection:0.2-1.5 mm² solid/flexibleDimensions:43 x 44 x 22 mmWeight:31g	Electrical service life (AC1):	1x10 <sup>5</sup>
Communication protocol:RFIO2Frequency:866-922 MHz (for more information see p.72)Repeater function:yesManual control:button PROG (ON/OFF)External button/switch:yesRange:in open space up to 200 mOther dataOperating temperature:-15 to + 50 °COperating position:anyMounting:free at lead-in wiresProtection:III.Contamination degree:2Connection:screwless terminalsConnecting conductor:0.2-1.5 mm² solid/flexibleDimensions:43 x 44 x 22 mmWeight:31g	Control	
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Dimensions:43 x 44 x 22 mmWeight:31g	Connection:	screwless terminals
Weight: 31g	Connecting conductor:	0.2-1.5 mm <sup>2</sup> solid/flexible
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Related standards: EN 60730, EN 63044, EN 300 220, EN 301 489	Weight:	31g
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- The temperature element measures the temperature with an external sensor and at the same time controls the heating circuit (electric underfloor heating, air conditioning, boiler...).
- They can be combined with Detectors, Controllers or iNELS Wireless system components.
- It measures the temperature in the range -20 to +50  $^\circ$ C and sends it to the system component in a regular 5 min. intervals. It sends a signal when the temperature changes suddenly.
- The heating/cooling, hysteresis and offset functions are set in the system component or application.
- It allows the connection of a switched load up to 8 A (2,000 W).
- Range up to 200 m (outdoors), in case of insufficient signal between the controller and the device, use the RFRP-20N signal repeater or component with the RFIO2 protocol that support this function.
- The BOX version offers installation directly in the installation box, ceiling or cover of the controlled appliance. Easy installation thanks to screwless terminals.
- External sensor TC (-20 to +80 °C) or TZ (-40 to +125 °C) with a length of 3 m, 6 m, 12 m. See "Accessories" on page 44.

Programming button, status indication and	RFSTI-11B-SL	
output control	Switch unit with	
	Temperature sensor max	
	ஜ THERM N N L V	
Terminals for external		
temperature sensor TC / TZ	Relay output co	ontacts
Neutral conductor	Phase con	ductor

## Connection

**Device description** 



RFSTI-11B-SL

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