

RTS Module 433 MHz

animeo Solo

animeo IB+

animeo IP

animeo KNX

animeo LON

SOLUTIONS FOR BUILDING CONTROL



Ref. 1860239

The RTS Module 433 MHz is a gateway for the transmission of Somfy RTS radio signals to the LON network.

Three individual configurable binary inputs are available for the integration of wired room sensors such as presence, temperature, brightness and window contacts.

The device can be integrated into any LON network and is suitable with any Lonmark conform controller.

Installation advantages

- > Placement of the device within the LON topology fully independent of the location of the animeo LON Motor Controller or other LON controllers.
- > Flexible installation: suspended ceiling/raised floor, under-window or wall-mounted wiring channels.
- > Spring clamb connectors and tension relief cable ties for safer and quicker installation.

Functional advantages

- > Up to 30 freely definable channels are available for free binding of Somfy RTS signals to the LON network.
- > Overwrite of automatic commands: allows the setting of intelligent switching between manual and automatic operation to guarantee excellent user-friendliness and energy savings in combination with the animeo LON Motor Controllers.
- > Allows the binding of Somfy RTS signals with Lonmark conform lighting controllers for switching or dimming of luminaires.
- > Applications such as heating, cooling and ventilation can be controlled through local Somfy RTS remote or wall controls.

Wiring

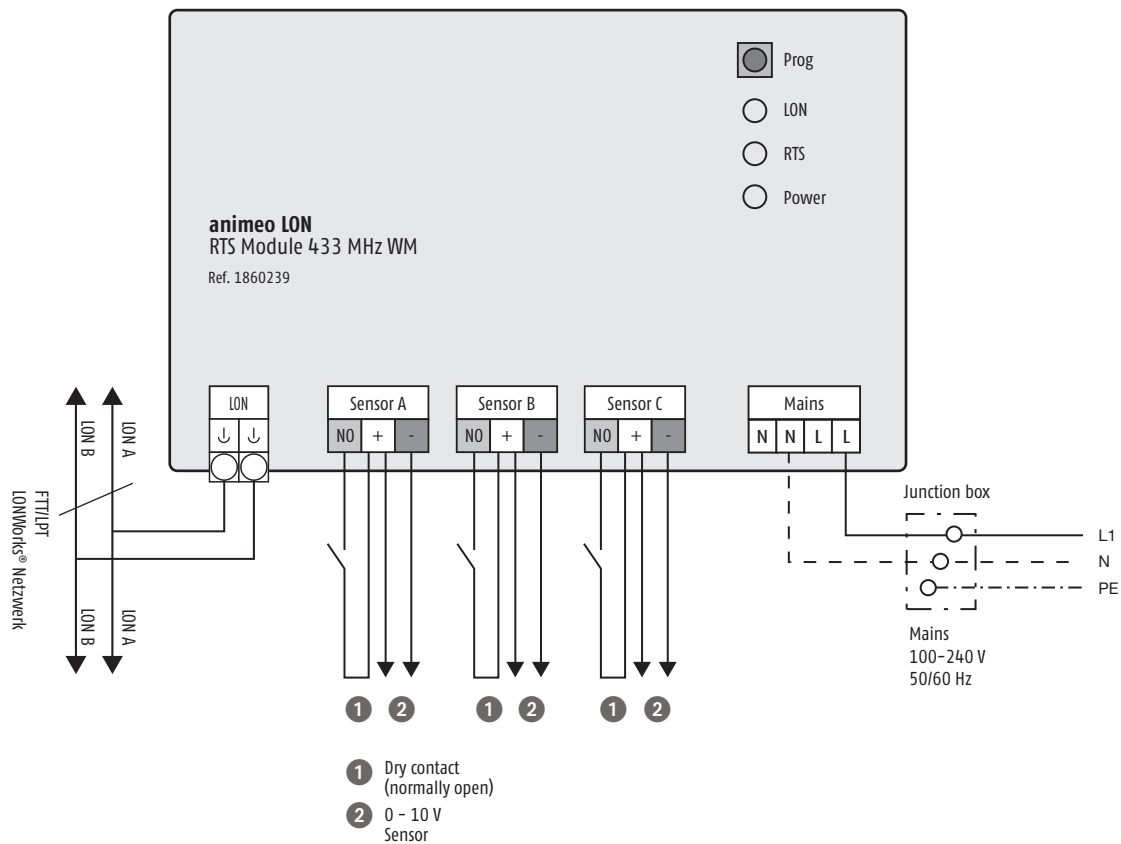
Connection	Cables	Twisted pairs	Max. distance
Sensor A, B or C	Following sensor requirements	Following sensor requirements	
Switch A, B or C	Min.: 2 x 0.6 mm/22 AWG Max.: 2 x 2.5 mm ² /14 AWG	Recommended	100 m
LON bus	2 x 0.8 mm/20 AWG	Required, following LON topology guidelines, www.lonmark.org	
100-240 V AC	Min.: 2 x 1.5 mm ² /16 AWG Max.: 2 x 2.5 mm ² /14 AWG	-	

Classification

The RTS LON Module is a radio-operated and independently-mounted control.

- Class A control function
- Type 1 action
- Pollution degree: 2
- Rated impulse voltage: 4 kV
- Temperature of the ball hardness test: 100 °C
- Type X attachment
- Method of attachment for non-detachable cords: screwless spring terminal
- EMC emission test: $U_{AC} = 220V AC$ $I_{AC} = 11 mA$ (EN 55022 Class B emission)

somfy®



CHARACTERISTICS

Supply voltage	100-240 V AC / 50/60 Hz
Stand-by current (IEC 62301)	11 mA@220 V AC
Stand-by power (IEC 62301)	0.75 W@220 V AC (without sensors)
LON transceiver	FTT
Radio frequency	433 MHz
Radio range	min. 20 m/2walls
Terminals	Spring connectors
Terminals LON	Lon bus terminal (green)
Operating temperature	0 °C to 45 °C
Relative humidity	max. 85 %
Material of housing	CC-ABS polycarbonate
Housing dimensions (w x h x d)	90 x 180 x 45 mm
Degree of protection	IP 20
Protection class	II
Conformity	www.somfy.com/ce