

4 bidirectional channel Radio Remote Control, the best solution for the transmission of signals between electrical panels

- Pair of devices with 4 inputs and 4 relay outputs cross-referenced
- Industrial Communication for RF 802.15.4 - 2.4 GHz band - free worldwide
- Also available in 868 MHz technology LBT + AFA with external antenna
- Size 96x48 mm panel mounting
- “Plug & Play”



Main Features

The Radio Control SRR4 has been specifically designed for industrial applications where it is not possible to make a connection through the cable or the distance between the equipment that must interact with each other and it constitutes an excessive use of labor work for laying cables.

With the devices SRR4 is possible to perform the transmission of signals through relay contacts in input and in output from both sides up to 4 channels.

Once powered, the 2 units are coupled automatically by activating its own continuous transmission security **(TX continues just on SRR4 868)** and a green LED located on the front, which, lighting, determines proper operation.

From this time forward, the closure of one or more inputs on a device SRR4 with their common, activate the output to a relay contact in the corresponding unit SRR4 coupled.

In a situation of radio interference, excessive increase in the operating range of the devices, or simply loss of power on the part of one of the 2 units, you will have the decoupling of the units that will shut down the green LED and red LED error . In SRR4 device 868 will also disable all signals with the fall of the output relays active.

Technical Features



Operating distance:

2.4 GHz model (available with internal antenna)

- Internal installation 60 meters
- External installation in direct visual 750 meters

868 MHz modelo (available with external antenna)

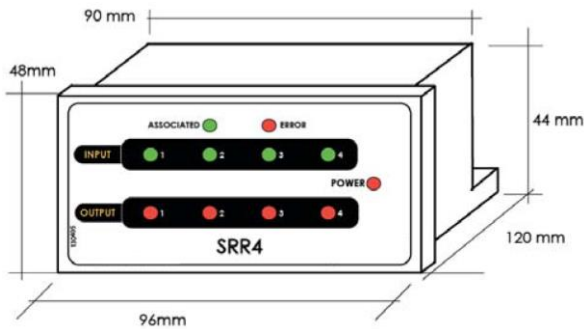
- Internal installation 60/150 meters
- External installation in direct visual 1 km



868 MHz model available with frontal external antenna or magnetic removable antenna with 3 meters cable (SMA connector)

ITEM	POWER SUPPLY	POWER CONSUMPTION	FREQUENCY COMMUNICATION	OPERATING DISTANCE	INPUT STATUS INDICATOR	OUTPUT STATUS INDICATOR	OTHER STATUS INDICATOR	DELAY RESPONSE SIGNAL	RELAY CONTACT	STORAGE TEMPERATURE	OPERATING TEMPERATURE	IP DEGREE PROTECTION	WEIGHT
SRR4 2.4	230 Vac – 50/60 Hz	3,5 VA max	IEEE 802.15.4 ISM 2.4 GHz	Internal 60 mt.	4 green LED	4 red LED	1 green LED communication OK	150 mSec	4 A – 250 Vac	-35°C +70°C	-20°C +70°C	IP50	0,35 kg
			TX RF: 10 mW – 10 dBm				1 red LED communication error						
			RX sensib.: -100 dBm	External direct vision 750 mt.			1 red LED power supply OK						
SRR4 868	230 Vac – 50/60 Hz	3,5 VA max	Band 863-870 MHz, technology LBT+AFA	Internal 150 mt.	4 green LED	4 red LED	1 green LED communication OK	150 mSec	4 A – 250 Vac	-35°C +70°C	-20°C +70°C	IP50	0,35 kg
			TX RF: 16 mW – 12 dBm				1 red LED communication error						
			RX sensib.: -101 dBm	External direct vision 1 km			1 red LED power supply OK						

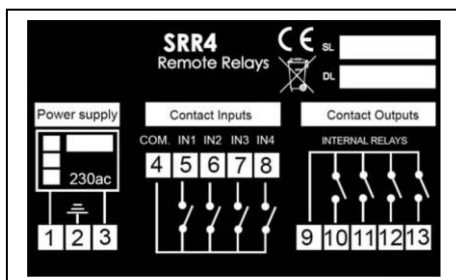
Mechanical Features



Screw terminal connector



Electrical Features



Wiring diagram refer on every device

Accessories



Screw terminal connector

The device connection take place through practical numbered connector with terminal screw

Support spring

The panel fixing is easier with a support spring placed in the back of the panel



Optionals Items



Protective screen

IP65 protection glass with door

Front antenna

SRR4 868 MHz Model has a front adjustable antenna



Magnetic antenna with cable

For applications in metallic electrical panels, the antenna with cable is available only for SRR4 868 MHz Model.