

Code: RK-1K

## RADIO CONTROLLER **RK-1K** SATEL

The RK-1K radio remote controller enables remote control of the electrical equipment by means of radio transmitters (remote keyfobs). The controller can work with maximal 1024 remote keyfobs. Controller only supports the SATEL manufactured remote keyfobs. Interaction of the controller with security systems is facilitated by inputs which provide information on the system status. They make it possible to easily organize signaling of arming/disarming, as well as of alarm clearance.

The design is based on the components of Microchip Technology Inc. KEELOQ®. It ensures both security of use and resistance to spurious control signals coming from other devices.



Operating range in open area:	to 350 m
Number of controlled inputs:	1
Relay operating modes:	Bistable, monostable, pulse
Adjustment range of changeover time in monostable mode:	1 ... 3600 s
Frequency range:	433.05 MHz ... 434.79 MHz
The KEELOQ code-hopping technology:	✓
Power voltage:	<ul style="list-style-type: none"> <li>• 12 V ... 24 V DC <math>\pm 10\%</math></li> <li>• 24 V AC <math>\pm 10\%</math></li> </ul>
Current consumption (min. / max.):	about 18 mA / about 27 mA
Relay contacts load:	1 A @ 24 V DC / AC
Current-carrying capacity of LV (OC) output:	50 mA
Current-carrying capacity of SS (OC) output:	500 mA
Main features:	<ul style="list-style-type: none"> <li>• 1 independent, programmable channel</li> <li>• Support for up to 1024 keyfobs</li> <li>• signaling a low voltage battery in the keyfob</li> <li>• arm/disarm, active/clearance alarm confirmation</li> <li>• Port RS-232</li> </ul>
Receiver operation temperatures range:	-10 °C ... 50 °C
Operating temperature range for transmitter (remote keyfob):	-20 ... 55 °C
Weight:	0.08 kg
Dimensions:	72 x 118 x 24 mm
Manufacturer / Brand:	SATEL



# DATA SHEET

Guarantee:

2 years