入J入入 Quick Start Guide	e EN	CONNECTION AND SETTING UP		TECH SPECS	
Dry contact relay Model Name: Ajax Relay Remote control relay with a dry contact		Voltage protection – the contact will be opened when the voltage falls outside the limits of $6.5-36.5$ V.		Actuating element	Electromagnetic relay
				Service life of the relay	200,000 switchings
		Temperature protection – the contact will be opened when the threshold temperature of 85° C is reached inside the Relay.		Supply voltage range	7-24 V (DC only)
				Voltage protection	Yes, min – 6.5 V, max – 36.5 V
The Relay is a wireless relay with a potential-free dry contact intended		LOCATION SELECTION		Maximum load current*	5 A at 24 V DC, 13 A at 230 V AC
for switching appliances and devices o	and off, powered by a 7–24 V quipment control function. It is	The Relay must be installed by a gualified electrician regardless of the		Maximum current protection	No
DC source. The relay also has a pulse e connected to the Ajax security system		type of electric circuit to which the device is connected.		Output power* (resitive load 230 V)	Up to 3 kW
the distance range is up to 1,000 meter		When selecting the place of installation for the Relay, consider the distance of the device from the hub and the presence of objects		Parameter control	Yes (voltage)
The built-in relay contacts are not galvanically connected to the device		preventing radio signal transmission.		Device energy consumption	Less than 1 W/h
itself, so they can be connected to input		The Relay is designed to be installed inside a connection box, electric service panel, or the housing of electric switchboards.		Frequency band	868.0-868.6 MHz
equipment, imitating a button, switch, et				Effective radiated power	3.99 mW (6.01 dBm), limit – 25 mW
		Do no install the Relay:		Modulation	GFSK
IMPORTANT: This Quick Start Guide about the Relay. Before using the dev	vice, we recommend to	1. Outside the premises (outdoors).		Maximum distance between the device and the Hub	1,000 m (any obstacles absent)
reviewing the User Manual on the we ajax.systems/support/devices/relay		 In metal junction boxes and electric service panels. In rooms with a temperature and humidity outside the allowable 		Communication ping with the receiver	12-300 sec. (default 36 sec.)
		limits.		Shell protection rating	IP20
FUNCTIONAL ELEMENTS		Status indicator Signal l	To check the quality of	Operation temperature range	From 0°C to +64°C (ambient)
		Excellent signal	connection with the hub,	Max. temperature protection	Yes, over 65°C at the place of installation or over 85°C inside the Relay
			Ajax Security System app	Operating humidity	Up to 75%
		Good signal I	evel for at least a minute.	Dimensions	38 x 25 x 18 mm
		Poor signal I	evel	Weight	32 g
			gnal	* If using inductive or capacitive load, the maximum commutated current decreases to 3 A at 24 V DC and to 8 A at 230 V AC!	
1- antenna	4- function button			WARRANTY	
2– power supply terminal block 3– contacts terminal block	5- light indicator	MOUNTING THE DEVICE		Warranty for Ajax devices is v	alid for two years after the purchase
CONNECTION AND SETTING UP		 Turn off power on the cable to which the Relay will be connected. Connect the power supply cable to the Relay terminals, and then the Relay contact terminals to the required circuit with wires/cable of a 		date. If the device does not work correctly, you should first contact the support service—in half of the cases, technical issues can be solved remotely!	
IMPORTANT: Do not connect the Relay	power supply terminals to				
110–230 V electric mains! Do not connect the Relay to a power supply with a voltage exceeding 36 V. It creates a fire hazard and will damage the device!		sufficient diameter.		The full text of the warranty is available on the website:	
		If the device is installed in a connection box, install the antenna outside. The further the antenna is located away from metal structures, the less the chance of radio signal shielding. The antenna		ajax.systems/warranty	
				User Agreement:	
The Relay is powered by a 7–24 V DC source. The recommended				ajax.systems/end-user-agreement	

voltage values for the Relay are 12 V and 24 V.

The Relay connection and setup is carried out via the Ajax Security System mobile app.

To make the Relay detectable, connect it to a power supply and wait 10-15 seconds. Then launch the procedure of adding a device in the mobile app and press the Relay function button.

During pairing, the relay and the hub should be located at the same site.

nance of radio sigr must not be shortened under any circumstances.

During the Relay installation and operation, follow the general electrical safety rules for using electrical devices, as well as the requirements of the electrical safety regulations. It is expressly prohibited to disassemble the device

This product can be used across all EU member states. CE

This device in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.

3. Quick Start Guide.

2. Double-sided adhesive tape.

Technical support: support@ajax.systems

COMPLETE SET

1. Relay.

Manufacturer: Research and Production Enterprise "Ajax" LLC Address: Sklyarenko 5, Kyiv, 04073, Ukraine By request of Ajax Systems Inc. www.ajax.systems