

Intelligent Relay Module

SK-SR1



The SecuRelay™ from Secura Key adds a new dimension of protection to standalone access control units. SecuRelay™ moves the lock control relay to a location away from the reader. This eliminates the threat of an intruder gaining entry by “hot wiring” the cable at the reader.

The SecuRelay™ also provides Remote Open inputs for use with the 26SA or RK65K/S, or any other connected access control unit, as these inputs could also be compromised at the reader location.

Whenever a valid card is presented to a SecuRelay™ compatible access control unit,

a unique data stream is sent to the SecuRelay™. Each SecuRelay™ learns to recognize the data from a single access control unit. Tampering with the wires at the access control unit, even replacing the unit with another reader, will not trick the SecuRelay™ into releasing the lock or gate.

SecuRelay™ is compatible with Secura Key Radio Key® RKDT-SR-M/S and RK-65K standalone proximity access controls and with the 26SA (version 4.0 or later firmware), as well as with the Smart Readers used with the NOVA.16 multi-reader control panel.

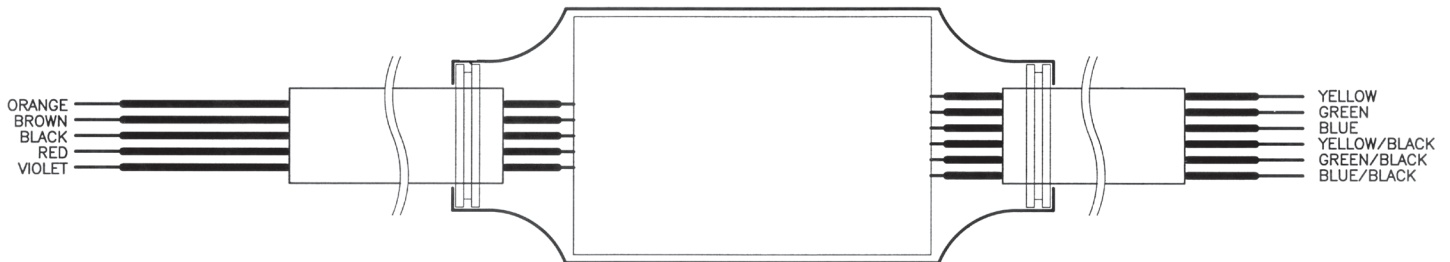
Features:

- Added Security For Standalone Access Control Units
- Remote Relay is Activated by Unique Code from Reader
- Compatible with Radio Key® RK-65K, 26SA, RKDT-SA-M/S, RKDT-SR-M/S AND ET8-SR-X-M/D.
- Easy Installation

SECURELAY™

SPECIFICATIONS

SK-SR1 SECURELAY™ MODULE																															
Dimensions (H x W x L)	0.5" (1.27 cm) x 0.625" (1.59 cm) x 2.25" (5.72 cm) (plus wires)																														
Weight	1 oz. (28.35 gm)																														
Power Requirements	5 – 12 VDC (provided by access control unit)																														
Inputs	Signal and Ground (from access control unit) Request-To-Exit (requires contact closure)																														
Output	DPDT dry contact relay, 2 amp, up to 220VAC or or 30VDC																														
Environment	-40° to +70° C (-40° to +158° F) 95% non-condensing																														
Operational	Presentation of a valid card at the access control unit generates a unique data transmission to the SecuRelay™. Upon receipt of this signal, or if the "Remote Open" input is closed, the DPDT relay in the SecuRelay™ will activate for the access time configured in the connected access control unit. (Note: "Remote Open" operation in the 26SA and RK65K/S units is disabled when SecuRelay™ is used.)																														
Wiring	<table border="1"> <thead> <tr> <th></th> <th>Wire Color</th> <th>Function</th> <th></th> </tr> </thead> <tbody> <tr> <td rowspan="5">Inputs</td> <td>Red</td> <td>5 – 12 VDC</td> <td rowspan="5">} From Access Control Unit</td> </tr> <tr> <td>Black</td> <td>Ground</td> </tr> <tr> <td>Violet</td> <td>Signal</td> </tr> <tr> <td>Orange</td> <td>Remote Open</td> </tr> <tr> <td>Brown</td> <td>Remote Open</td> </tr> <tr> <td rowspan="6">Outputs</td> <td>Green</td> <td>Latch Relay Common</td> <td rowspan="6"></td> </tr> <tr> <td>Yellow</td> <td>Latch Relay Normally Open</td> </tr> <tr> <td>Blue</td> <td>Latch Relay Normally Closed</td> </tr> <tr> <td>Green/Black</td> <td>Alarm Shunt Common</td> </tr> <tr> <td>Yellow/Black</td> <td>Alarm Shunt Normally Open</td> </tr> <tr> <td>Blue/Black</td> <td>Alarm Shunt Normally Closed</td> </tr> </tbody> </table>		Wire Color	Function		Inputs	Red	5 – 12 VDC	} From Access Control Unit	Black	Ground	Violet	Signal	Orange	Remote Open	Brown	Remote Open	Outputs	Green	Latch Relay Common		Yellow	Latch Relay Normally Open	Blue	Latch Relay Normally Closed	Green/Black	Alarm Shunt Common	Yellow/Black	Alarm Shunt Normally Open	Blue/Black	Alarm Shunt Normally Closed
	Wire Color	Function																													
Inputs	Red	5 – 12 VDC	} From Access Control Unit																												
	Black	Ground																													
	Violet	Signal																													
	Orange	Remote Open																													
	Brown	Remote Open																													
Outputs	Green	Latch Relay Common																													
	Yellow	Latch Relay Normally Open																													
	Blue	Latch Relay Normally Closed																													
	Green/Black	Alarm Shunt Common																													
	Yellow/Black	Alarm Shunt Normally Open																													
	Blue/Black	Alarm Shunt Normally Closed																													
Regulatory Approvals	UL/cUL294, Part 15 Class B FCC, CE Mark																														
Warranty	These Secura Key products are warranted against defects in materials and workmanship for two years. Secura Key will replace any Secura Key manufactured product that fails to perform as intended. This warranty does not include freight, taxes, duties, or installation expenses. See price list for complete terms and conditions.																														



ORDERING

MODULES

SK-SR1 Intelligent Relay Module