Relay output module for operating elevators, storage units, and deposit lockers

NVE-RC104



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The NVE-RC104 module provides centralized and intelligent access management for elevators, storage units, lockers, utility rooms, and various types of deposit systems through integration with the video intercom system.

When working together with indoor monitors, entrance panels, and Wiegand-standard proximity card readers, the module enables elevator automation and precise access control to designated locations.

In its basic configuration, the NVE-RC104 supports 4 relays, but the system can be easily expanded with NVE-MR116-EXP modules. Each expansion module adds support for an additional 16 floors or access points, and connecting up to 5 such modules allows control of up to 80 floors or locations. The system also supports elevator call functionality directly from user monitors equipped with a touchscreen.

Access is granted by presenting a proximity card, which activates only the relays corresponding to the user’s assigned locations. For example: if a card provides access only to the 8th floor, then after presenting it at the reader, only that button will become active in the elevator panel, while all others remain disabled. In the case of storage units, presenting a card assigned to storage unit number 14 will unlock only that specific module.

Communication with the video intercom system is carried out via TCP/IP, and the module is powered using PoE technology, ensuring stable operation and simplifying installation.

Device type	Relay module
Mounting type	DIN rail
Power supply input	12-24 VDC
PoE	48 V DC (802.3af)
Power consumption	3,5 W (Max.)
Relays	4x NO / NC (4 A/30 V AC/DC)
Port LAN	1 x 10M / 100M Ethernet
Ports	Wiegand 26/34 bits
Card reader format	mifare standard, unique standard
Number of cards supported	1000
Dimensions	72 x 90 x 59 mm
Weight	120g
Operating temperature	from -30 to 60 °C
Color	Signal White (RAL9003)