Security relay module installation guide

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NVAC-RM

NOVUS®

INFORMATION

EMC (2004/108/EC) and LVD (2006/95/EC) Directives

CE Marking

Our products are manufactured to comply with requirements of following directives and national regulations implementing the directives:

- Electromagnetic compatibility EMC 2004/108/EC.
- Low voltage LVD 2006/95/EC with further amendment. The Directive applies to electrical equipment designed for use with a voltage rating of between 50VAC and 1000VAC as well as 75VDC and 1500VDC.

WEEE Directive 2002/96/EC

Information for users who want to get rid of electrical and electronic appliances. This product is marked according to the European Directive on Waste Electrical and Electronic Equipment (2002/96/EC) and further amendments. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The symbol on the product, or the documents accompanying the product, indicates that this appliance may not be treated as household waste. It shall be handed over to the applicable collection point for the waste electrical and electronic equipment for recycling purpose. For more information about recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

RoHS Directive 2002/95/EC

Information concerning limitation of the use of dangerous substances in the electrical and electronic appliances.

Out of concern for human health protection and friendly environment, we assure that our products falling under RoHS Directive regulations, regarding the restriction of the use of hazardous substances in electrical and electronic equipment, have been designed and manufactured in compliance with the above mentioned regulation. Simultaneously, we claim that our products have been tested and do not contain hazardous substances whose exceeding limits could have negative impact on human health or natural environment.

Information

The device, as a part of professional AC system used for control, is not designed for self installation in households by individuals without technical knowledge.

The manufacturer is not responsible for defects and damages resulted from improper or inconsistent with user's manual installation of the device in the system.

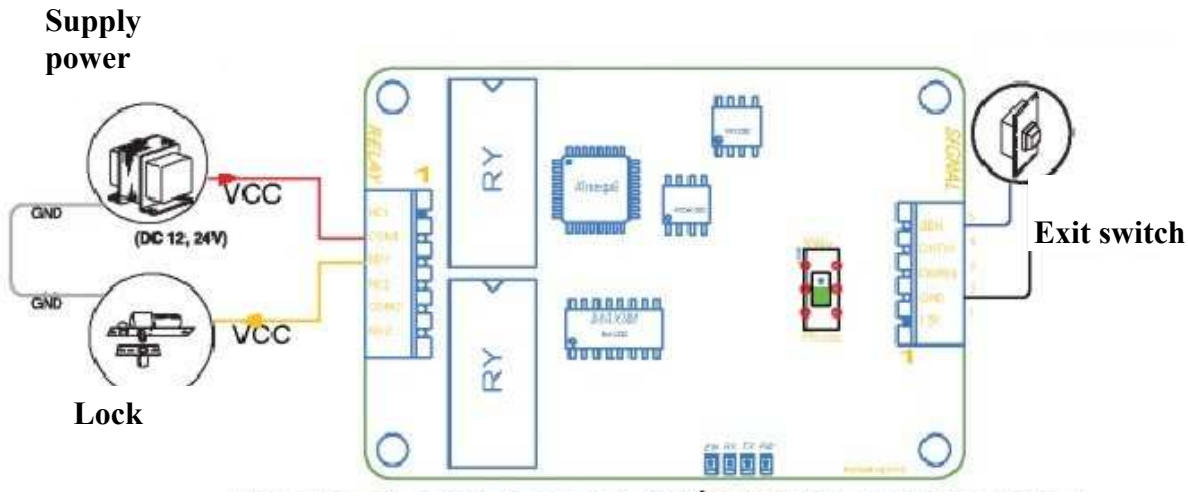
SECURITY MODULE NVAC-RM

NVAC-RM relay security module is designed for direct connection of NVAC-C300CKF controllers. Module include digital port type RS232/Wiegand (switch) for communication with controller. Second port on this module is designed for outputs control signal. Two relays are located on RM module—one for lock control and the second for bell control.

This module is designed to increase security of access control system installation. Lock control circuit is located in secure area. Additionally can save external NVAC-C300 controller when case tamper will be connected to one of sensor input. When this input goes in alarm controller send digital signal to RM module and activate second relay.
Exit switch can be also secure when is connected to one of RM module sensor input.

RM-module must be located inside secure area - the best place is inside supply power cabinet.

Relay module layout



NVAC-RM - SECURITY RELAY MODULE

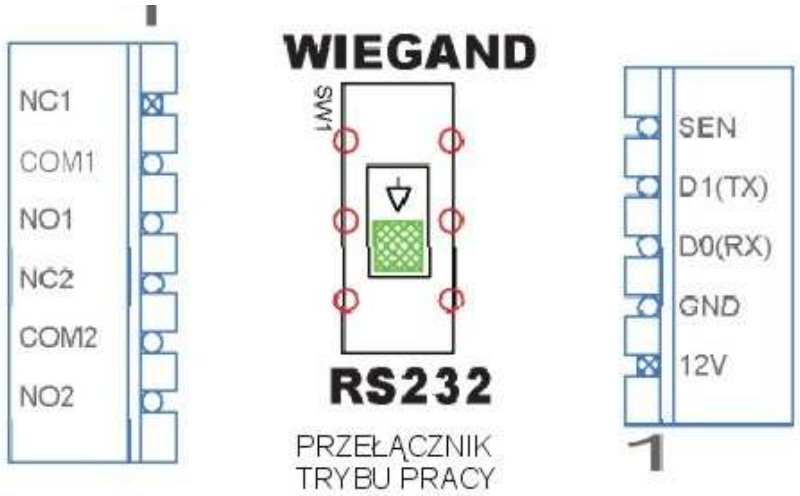


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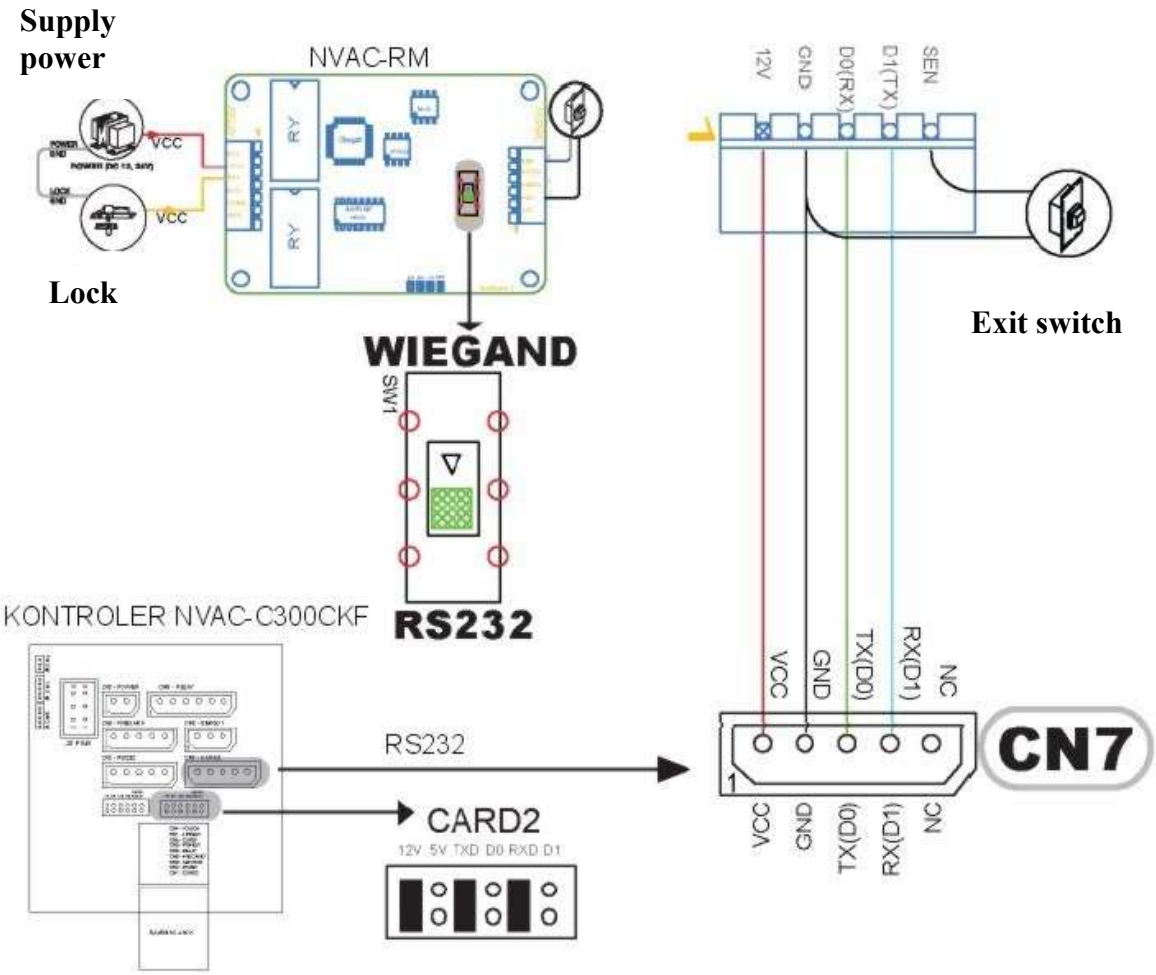
Diagram connection between RM module and NVAC-C300CKF controller using CN7 socket like RS232 port.



CAUTION: To enable communication between relay module and controller suitable option must be set: Setup system > 26 System option > Serial option > Relay module.

Diagram connection between RM module and NVAC-C300CKF controller using CN6 socket like Wiegand port.

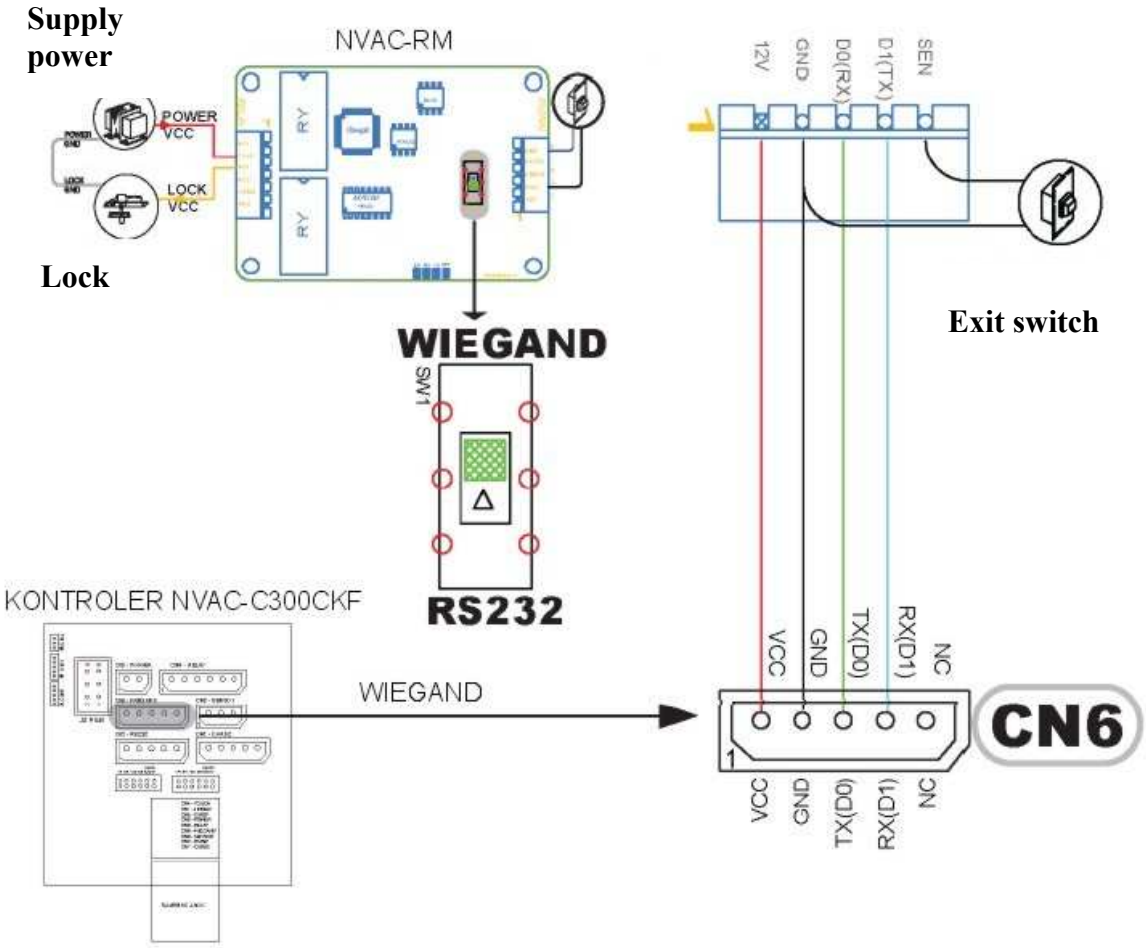


Diagram connection between RM module and NVAC-C300CKF controller and proximity reader NVAC-C100/200 using CN7 socket and J10 jumper set (CARD2):.

- **Module NVAC-RM should be connected to J10 according to the diagram below using TXD and RXD (RS232)**
- **Proximity readers NVAC100/200 should be connected to J10 according to the diagram below using D0 i D1 (Wiegand) pin.**

CAUTION: Before connecting reader and module all jumpers must be remove from J10

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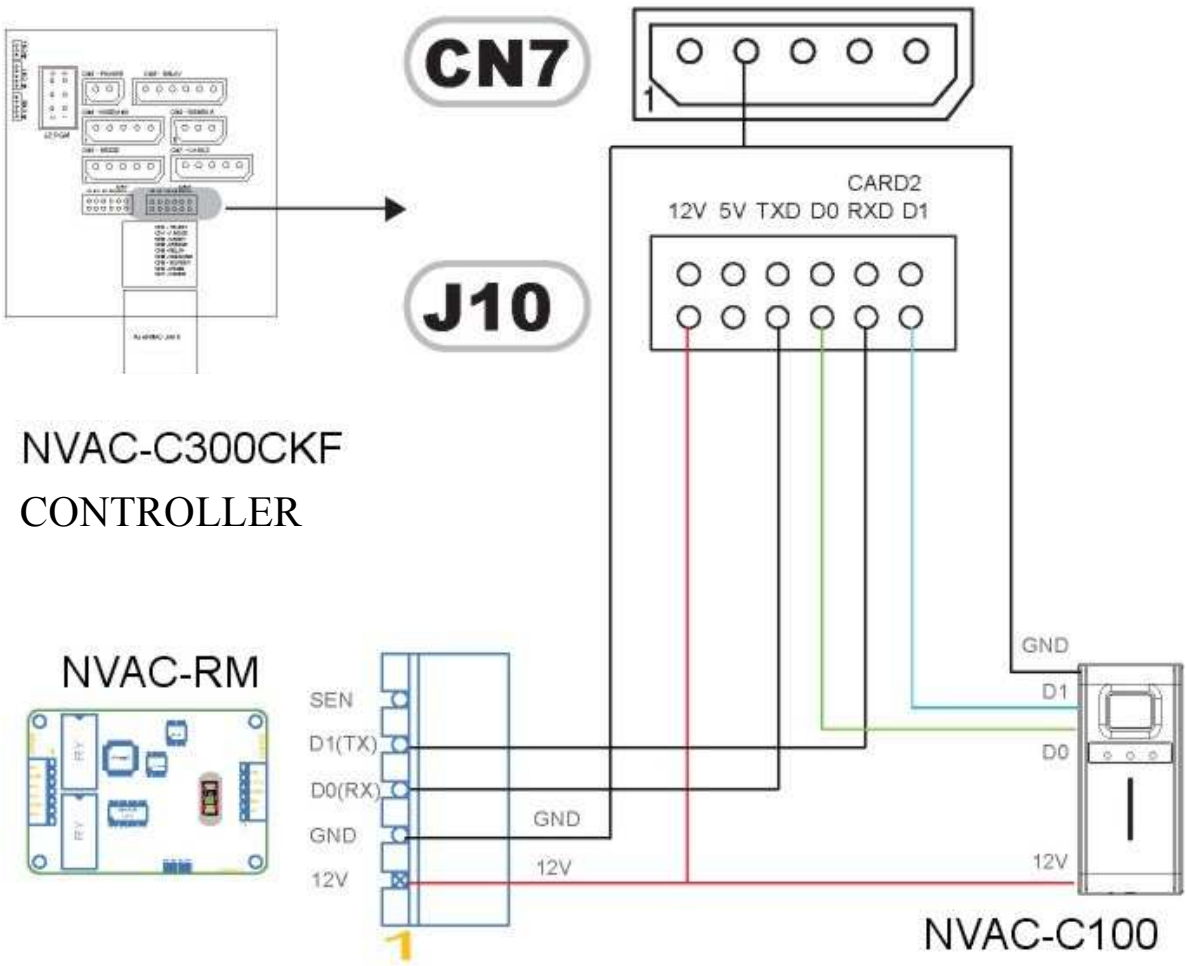

Above configuration diagram should be use for control entry/exit and inside is NVAC100/200 readers. In this case to secure lock control RM relay module must be use . This relay must be install inside secure area.

NOTICE

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