

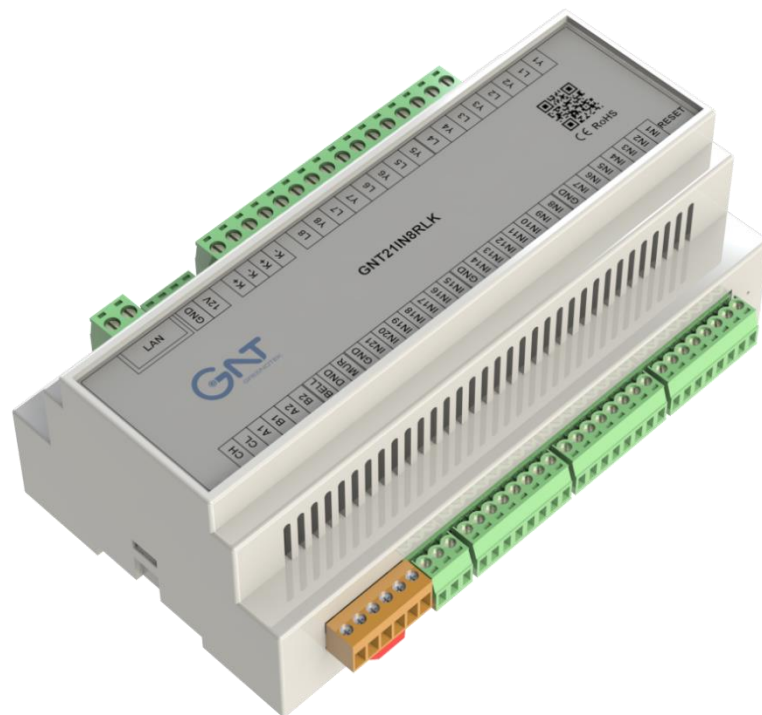
# GNT | DATASHEET

## CONTROLLER

VERS 1.0

Issued day: September ,2023

info@vis.solutions.  
www.vis.solutions



## BLIND/SWITCH/HVAC ACTUATOR

### RCU21IN8RL-K

# OVERVIEW

The combo blind/switch actuator is versatile device that allows a variety of configurations. The combo device is intended to cover automation requirements in a smart building environment and smart hotel room. The communication of the devices via the KNX bus enables information exchange with KNX switches, sensor, and other devices. And integration with a building management system.

Main features:

- Lighting control can be made with every output of device.
- HVAC control can be made with every output of the device. FAN coil and Valve On/off control.
- Every output of device can be configured as shutter/blind provided that 2 consecutive outputs are available.
- DMX 512 gateway supports a maximum of 225 group addresses with condition.
- The functionalization for each output includes among other things timing functions, Automated logic gates, scenes, disabling functions, forced, working date counter, periodical monitoring, and different configurations for feedback telegrams.
- Last situation memory against power failure.
- Support for KNX TP, KNX Standard Datapoint types (DPT) available

All existing clients of VIS SOLUTIONS can benefit from a quick upgrade of their current software and control solutions.

## TECHNICAL SPECIFICATIONS.

Product name	RCU21IN8RL-K
Fields of application	Hospitality/Smart Building
Supply voltage	12VDC
Digital Input	21 x Dry contact input.
Digital outputs (Relays)	8 SPST-10A@250V PF = 1 (NO)
Port	1 x RJ45 Ethernet port (Modbus TCP/IP, UDP). 1 x CAN BUS. 1 x RS485 1 x DMX Port 1 x KNX TP
Terminal block	Pluggable type terminals. Screw type connectors, 1.5mm <sup>2</sup> -2.5mm <sup>2</sup>
Dimensions (W x H x D) mm	160 x 90 x 60 mm
Weight	0.4 Kg. (~)
Operating temperature	-20 to 60°C (-4 to 140 ° F)
Storage temperature	-30 to 70 ° C.
Relative humidity	5 to 95% - no condensation
IP degree of protection	IP20
Standards	EN IEC 62368-1:2020+A11:2020 EN IEC 55032:2015+A11:2020 EN IEC 55035:2017+A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 6100-3-3:2013+A1:2019+A2
Housing material	Plastic

### Important notes:

- Do not short circuit input cable when power supplied.
- Cable should be use CAT5/CAT6 for input port.

Technical Support.

Email: [info@vis.solutions](mailto:info@vis.solutions)

Tel: +84-028-39390141/+84-932414151

Website: <https://www.vis.solutions>

Copyright by Vis Solutions LTD. All rights reserved specifications subject to change without notice.