

GNT | DATASHEET

CONTROLLER

VERS 1.0

Issued day: May 2023

info@vis.solutions.
www.vis.solutions



BLIND/SWITCH/HVAC ACTUATOR

GNT48IN16RLK

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	GNT48IN16RLK
Fields of application	Building/home automation
Supply voltage	12VDC-1.5A
Digital Input	16 ports RJ45 (16 x 3 dry contact inputs with led indicator)
Digital outputs (Relays)	16 Relays SPST-NO-10A@250V ($\cos\phi=1$)
Port	1x LAN (TCP/IP, UDP) 1x CAN bus 2x RS485/DMX 1x mini USB 1x KNX
Terminal block	Plug terminal, screw connector, $1.5mm^2-2.5 mm^2$ Plug Modular Connector RJ45
Dimensions (W x H x D) mm	159 x 93 x 60 (mm)
Weight	450G
Operating temperature	-20°C to 60°C (-4°F to 140°F)
Storage temperature	-30°C to 70°C
Relative humidity	5% to 95% no condensation
IP degree of protection	IP20
Standards	Plastic ABS
Housing material	GNT48IN16RLK

Important notes:

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

For more detail about our product.

Email: bang.nguyen@vis.solutions

Tel: +84-932414151

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

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