



GNT21IN8RL4AO
LOGIC ROOM CONTROLLER

Building & Home automation

CONTROLLER

Datasheet

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VERS 1.0



Overview

Product name: GNT21IN8RL4AO

Product or component type: Building & Home automation

- Designed to accelerate your return on investment with an easy to install and commission room controller and designed to bring building automation to another level.
- The unit includes lighting, curtain, power supply, DND/MUR avoiding the cabling of traditional auxiliary power contactors. This enables the installer to reduce cabling costs and the dimensions of electrical panels and a time proof installation, so guaranteeing efficiency and energy saving.
- Thanks to the RLG Tool Kit software-based programming tools, complex algorithms such as Welcome, Goodbye, and other scenarios can be set or changed at any time, during the early stages of the project's design or during the installation process through the remote profiling of RCU.
- The RJ45 port connects the device to the GRMS ethernet network and local appliances and fully configurable all inputs and outputs.
- The controller integrates perfectly with the main PMS system through GRMS server.

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

Important Notes

- Do not short circuit between housing and high voltage.
- Do not short circuit input cable when power supplied.
- Cable uses CAT5/CAT6 for input port.

Safety Precautions

- The device should be installed with DIN rail in DB box. GNT does not take responsibility for all the consequences caused by installation and wire connection that are not in accordance with this document.
- Please do not privately disassemble the device or replace parts, otherwise it may cause mechanical failure, electric shock, fire or body injury.
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for maintenance service. The warranty is not applicable for the product fault caused by private disassembly.

- It is not allowed to exceed the range.

Product Information

SPECIFICATIONS

Product name	GNT21IN8RL4AO
Product or component type	Building & Home automation
Supply voltage	12VDC-0.5A
Digital Input	21 dry contact inputs
Digital outputs (Relays)	8 Relays SPST-NO-10A@250V ($\cos\phi=1$) 4 Analogue Output 0-10V
Port	1x LAN (TCP/IP, UDP) 1x CAN bus 2x RS485/DMX
Terminal block	Plug terminal, screw connector, 1.5mm ² -2.5 mm ²
Dimensions (W x H x D) mm	160 x 90 x 60 (mm)
Weight	0.25 Kg. (~)
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	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 ABS



Technical Support.

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