

GST-NRP00

Network Repeater Panel



Description

GST-NRP00 Network Repeater Panel is based on GST network technology, providing remote control and indication of the fire alarm system.

A certain network card is required for sitting to the network.

Features and Benefits

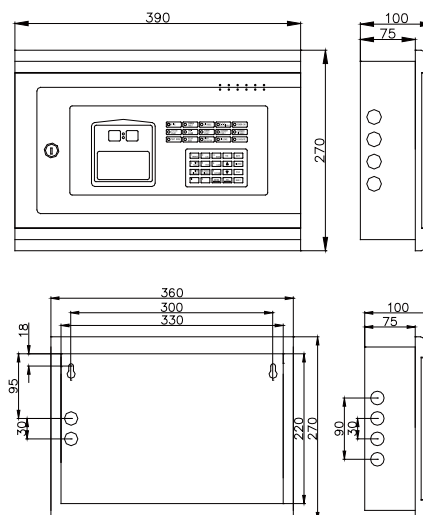
- Provide remote display and control of system
- Password protected access level
- 8X18 characters LCD screen
- 15 LEDs to display important information
- Functional control of network panels
- Network-wide operation: Acknowledge, Silence, Reset.
- Flush-mount or surface-mount structure
- Meet network protocol by selecting suitable network card

Certificates and Compliance

- Standards: CE-EMC

Installation Data

GST-NRP00 is flush-mount or surface-mount. Its appearance and the mounting hole are shown here.



Recommended Cabling

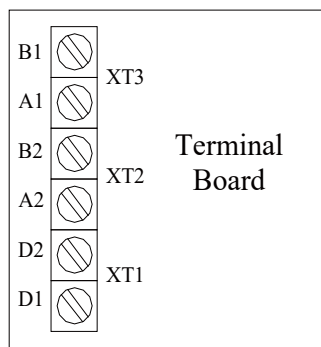
1.0mm² or above fire cable is recommended for communication cable, and 1.5mm² or above fire cable is recommended for power supply. All cables should be subject to local codes.

IMPORTANT: This publication is a generic version in which product information is shown for informational purposes only and does not constitute a specific commitment or guarantee. We are constantly pursuing the improvement of product technology to improve product performance, for which we reserve the right to adjust the configuration and technical information of the related products without notice. In addition, the description of system performance in this publication applies only to the usual situation. As a result, there may be a variety of unpredictable special circumstances in the real world, so the realization of the relevant product performance will depend on the professional investigation and analysis and the design plan. Please contact us and we will be happy to provide you with professional advice.

Terminals

B1 A1: Network connection from previous panel, polarized
 B2 A2: Network connection to next panel, polarized
 D2 D1: 24VDC power supply, non-polarized

Function of the terminals for network will be considered according to network card adapted.



Technical Specification

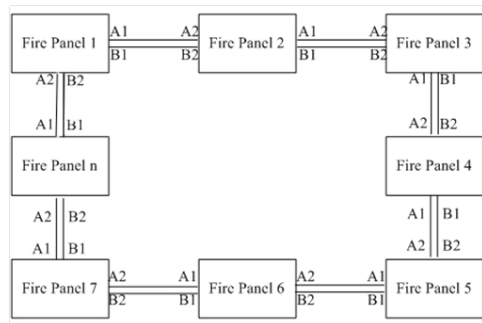
Supply Voltage	20VDC~27VDC
System Current	Max. 0.5A
Communication Distance	RS485: Less than 1200m CAN: Less than 3000m
Display	8(Line) x 18 (characters)
Network	According to network card
Operating Environment	0°C ~ +40°C >95%, non condensing
Dimensions	390mm W x 270mm H x 100mm D

Variant Models

Part No.	Product No.	Property
GST-NRP00-HU	10105317	Hungarian Model
GST-NRP00-PT	10105318	Portuguese Model

Typical Connections

The GST-NRP00 repeater panel sits in GST network. A typical Class-A network connection is shown below. It also possible sits in a Class-B network.



Accessory

One of the network card (order separately) **MUST** be selected before connecting to network.

Product No.	Part Number	Network Type
20100994	P-9940A	RS485, Class A
20101849	P-9960	CAN, Class B
20102002	P-9960A	CAN, Class A

Ordering Information and Compatible Products

Part No.	GST-NRP00
Device Name	Network Repeater Panel
Product No.	10105316
Compatible Devices	GST200-2 Intelligent Fire Alarm Panel GST200N Intelligent Fire Alarm Panel GST-IFP8 Intelligent Fire Alarm Panel