NXG-508N

xGenConnect 8 relay output expander

Increasing output capability

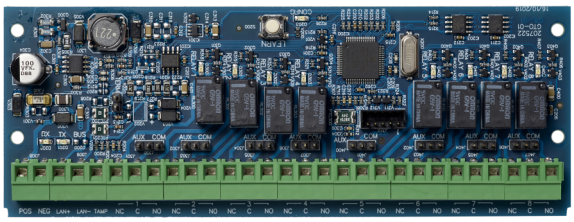
The NXG-508N adds 8 additional relay outputs to the GenConnect range of panels. Via a jumper, each Single Pole Double Throw (SPDT) Form C relay output can be configured in 3 different modes: as dry contact, or to switch the bus or externally supplied voltage to the output terminal, or to switch the bus ground to the output terminal. This allows to use the module in different applications. The status LED next to each output shows the actual state of the relay.

Installation

The module comes with a set of card slides allowing the module to be slided into the xGenConnect control panel enclosure.

Programming

Enrolling the module and programming the outputs is done from the control panel. The firmware of the module is upgradeable remotely via DLX900 or locally using the USB flash device.



Details

- 8 relay output expander for xGenConnect
- Single Pole Double Throw (SPDT) Form C relays
- 3 selectable operating modes for each output
- Status LED for each output
- Seperate box tamper input
- "NetworX" form factor
- Firmware upgrade via USBUP-EUR flash tool or via DLX900 over the network
- EN50131-3 CLASS II GRADE 2, INCERT T031, NFA2P

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Technical specifications

System

Product line	xGenConnect
Kit	No

Outputs

No. of outputs	8 SPDT relays
Rated load	0.5 A, 30 VAC or 1 A, 24 VDC
Minimum load	1 mA, 5 VDC
Maximum load	1 A, 24 VDC

Communication

Databus type	RS485

Electrical

Operating voltage	12 to 13.5 VDC (provided by panel)
Current consumption	130 mA (maximum, all outputs active) 20 mA (minimum, no outputs active)

Physical

Physical dimensions	153 x 57 mm
Shipping weight	70 g

Environmental

Operating temperature	0 to +49°C
Storage temperature	-34 to 60°C
Relative humidity	85% noncondensing

Regulatory

EN50131 Grade	Grade 2
Compliancy	CE
Certification	EN50131 Grade 2, INCERT, NFA2P

Inputs

Tamper input	Normally closed

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Last updated on 16 June 2026 - 15:13