

# 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

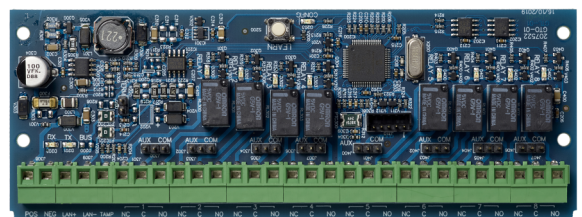
---

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

# NXG-508N

## xGenConnect 8 relay output expander

### Technical specifications

#### System

|              |             |
|--------------|-------------|
| Product line | xGenConnect |
| Kit          | No          |

#### Inputs

|              |                 |
|--------------|-----------------|
| Tamper input | Normally closed |
|--------------|-----------------|

#### Outputs

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

#### Communication

|              |       |
|--------------|-------|
| Databus type | RS485 |
|--------------|-------|

#### Electrical

|                     |                                                                          |
|---------------------|--------------------------------------------------------------------------|
| Operating voltage   | 12.0 to 13.5 VDC (provided by panel)                                     |
| Current consumption | 20mA (minimum, no outputs active)<br>130mA (maximum, all 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% relative humidity non-condensing |

#### Regulatory

|               |                                |
|---------------|--------------------------------|
| EN50131 Grade | Grade 2                        |
| Compliance    | CE                             |
| Certification | EN50131 Grade 2, INCERT, NFA2P |



As a company of innovation, Carrier Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit [firesecurityproducts.com](https://firesecurityproducts.com) online or contact your sales representative.

Last updated on 5 May 2023 - 10:35