



SAVEAIR
Technologies Pvt Ltd



Product Catalogue

Contact For Any Enquiry

📍 25/1, 12th Avenue, Ashok Nagar, Chennai-600083.

☎ 044- 4858 4456 📞 9840261043

✉ marketing@saveairtechnologies.com

🌐 www.saveairtechnologies.com

Smart Relay *Genie™* - *NX*

- Nx-Comm RS 485 Module



Ordering Information

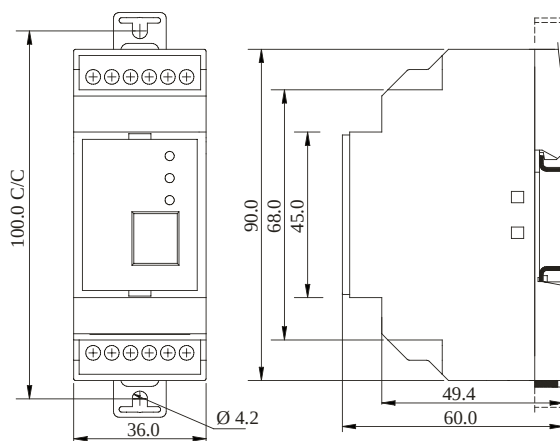
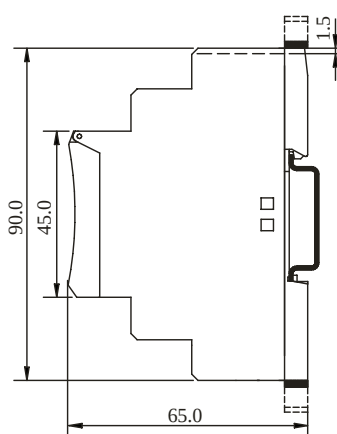
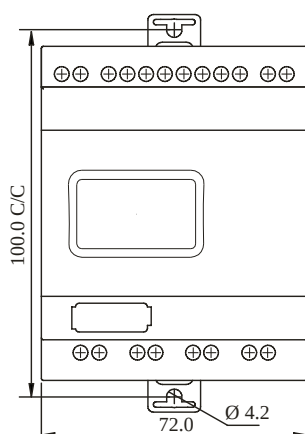
Cat. No.	Description
G7XDTR4	110 - 240 VAC, RS 485 Communication Module
G8XDTR4	12 - 24 VDC, RS 485 Communication Module

Smart Relay *Genie™* - *MX*



Cat. No.	G7XDTR4	G8XDTR4
Parameters		
Supply Voltage (⚡)	110 - 240 VAC	12 - 24 VDC
Input	TTL Level	
Output	RS 485 Protocol (Two wires, D +, D -)	
Number of Nodes	32 Standard unit loads	
Isolation voltage	2000 Vrms	
Baud Rate	300, 600, 1200, 2400, 4800, 9600	
Operating Temperature	-10°C to + 55°C	
Storage Temperature	-20°C to + 70°C	
Modbus Communication	Yes (RTU) (Slave)	
LED Indications	Red LED's for Tx & Rx. Green LED for Power indication.	
Certification	  	
Weight (unpacked)	80 g	84 g

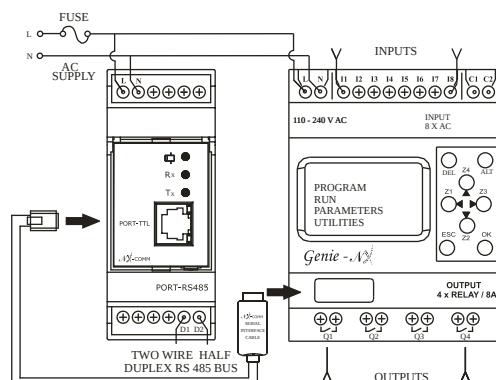
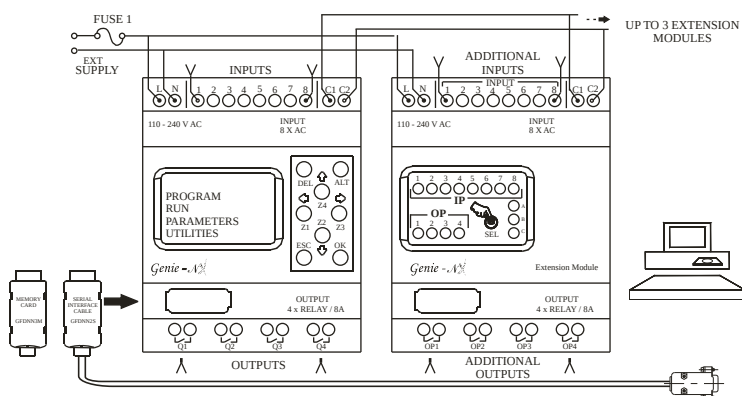
MOUNTING DIMENSION (mm)



G7DDT11, G7DDT11B, G8DDT11, G8DDT11B, G7DDT10E, G8DDT10E

G7XDTR4, G8XDTR4

CONNECTION DIAGRAM



TERMINAL TORQUE & CAPACITY

	0.54 N.m (6 Lb.in)
	1 x 2.5 mm ² Solid Wire/Stranded
AWG	1 x 24 to 12

Smart Relay *Genie™ - NX*



FEATURES

Programming:

Programming can be carried out independently using the keys on the Genie-NX base module with the help of ladder diagram or on a PC, using "G-Soft NX." software.

LCD Backlighting:

Backlight of the LCD display is present for a minimum 15 seconds whenever the device is powered ON or a key is pressed on the base module. The backlight can also be configured to be permanently ON or permanently OFF by configuring the "Device Utilities" option in the device menu or by using the G-Soft NX application software.

Memory Card:

Genie-NX has a Program Transfer feature, which allows programs to be transferred or copied into another Genie-NX with the help of memory card. This feature enables quick copy of the programs without the use of a laptop or a PC.

I/O Extensions:

User can connect a maximum of 3 Extension Modules to the Genie-NX base module & each Extension Module has 8 inputs and 4 outputs, so we can expand up to 48 I/O extensions if necessary via the Genie-NX. Expansions are made in daisy chain fashion.

Communication Module:

A module for communication on the Modbus network is available, which is called "NX-Comm" to facilitate communication of the logic relay over a 2 wire half duplex RS 485 link. Modules are powered by 110- 240 VAC or 12- 24 VDC power supplies. The base module can be connected to this communication interface by means of the cable and the communication takes place via the NX-Comm. on the RS 485 link.

APPLICATIONS

- HVAC Controls
- Machine Controls involving Motor, Pump and Valve
- Operational Monitoring systems like Access control, Vehicle Control Monitoring, Baggage handling etc.
- Materials handling Equipments, Conveyor systems and Elevators
- Exhaust and Filtering Systems
- Water-treatment plants
- Printing and Packaging Machines
- Ancillary equipments in Textile and Plastic Industry
- Interior and Exterior Lighting Control
- Door, Gate, Shutter, Sun blinds and Awning control
- Irrigation Control Systems
- Automation of Compressors and Pumps for Air Conditioning requirements