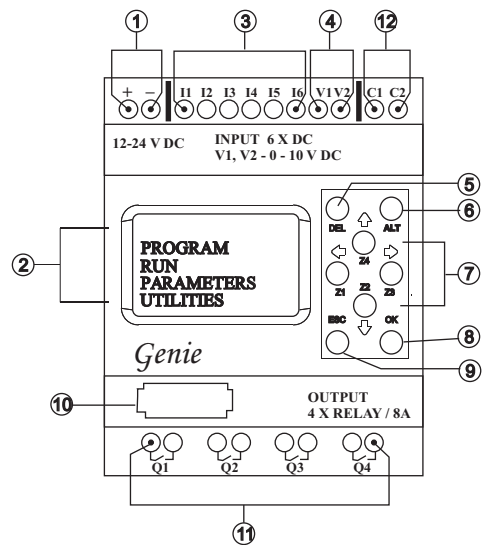




## Front Display



## Legend :

- Power Input
- Graphical LC 4 Lines 12 characters.
- Screw Terminal block for Digital inputs.
- Analog 0-10 Volt inputs (only for G8DDT8).
- Delete key.
- ALT key : selection & editing.
- Arrow keys.
- OK key: validation.
- Escape key.
- Interface for Memory card and PC cable.
- Relay Outputs.
- Terminals for Extension Module

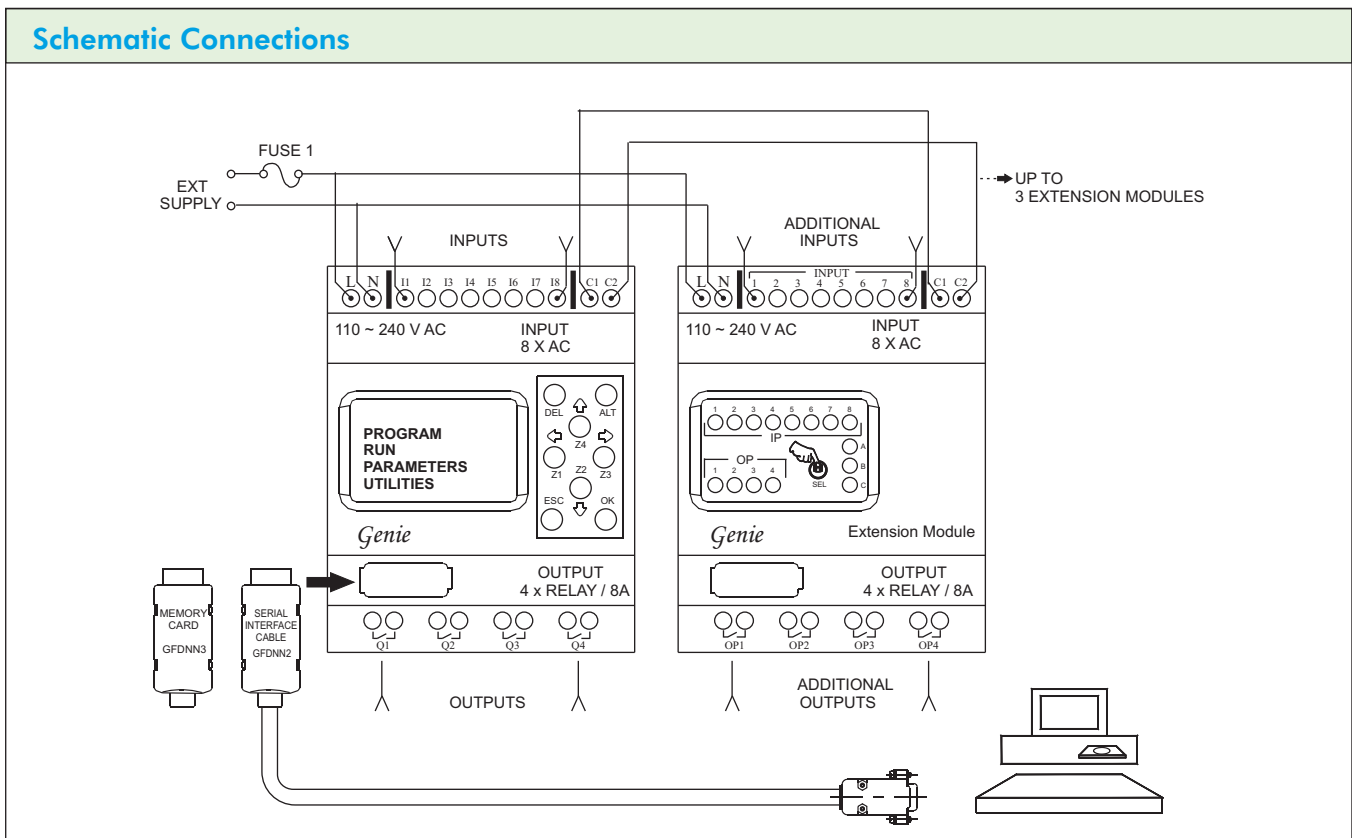
## Features :

- Integrated, ready to use, wide range of programmable functions to include 16 timers, 16 retentivity selectable 4 digit up/down counters, 16 time switches, 16 compare counters, 16 soft text messages, 32 auxiliary relays & 12 analog comparators.
- 8 digital inputs, 4 digital outputs (Relay)
- 2 inputs (0 to 10 V) as analog inputs in 12-24 V DC variant inputs can also be used digitally.
- Interface for the connection of 3 expansion modules, expanding I / O to 32 digital inputs, 16 digital outputs.
- 250 lines of ladder programming.
- Backlit LC display screen for display and modification of pre-selected parameters of function blocks, viewing I/O status and easy programming on the device.
- PC software "G-Soft" for programming ladder diagrams, online and offline simulations, documentation and printing. Time is saved due to automatic connection of links between contacts.
- Optional EEPROM memory card allows transfer of the program and parameters, secured back up and local storage.
- DIN 35 Rail or base mounting for Genie and Extension module.
- Compact and standardized [72(4 modular spaces) x 90 x 95 mm] dimensions. With CE, CSA mark.
- Designed for use in small automation for commercial and industrial sectors, such as Auto-Packaging machines, Auto-Printing machines, Domestic and commercial Building controls, Auto Parking controls, Lighting applications etc.

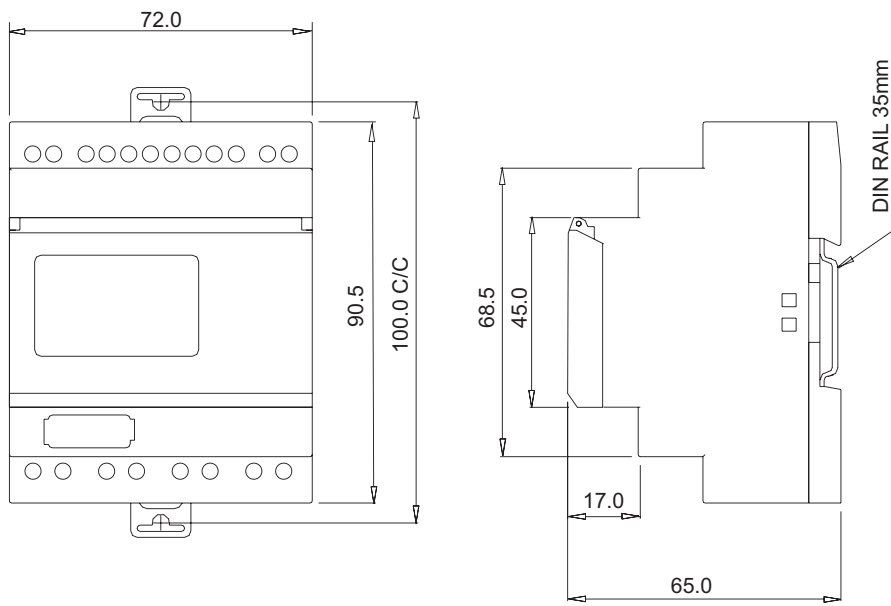
## Accessories

Genie Software CD	GNDNN1
Serial Interface Cable	GFDNN2
Memory Card	GFDNN3
Instruction Manual	GNDNN4
Extension Module for 110 - 240 VAC	G7DDT5D
Extension Module for 12 - 24 VDC	G8DDT5E

Technical Specifications		
	G8DDT8	G7DDT8
Digital Inputs	6	8
Analog Inputs	2 (can be used digitally)	-
Supply Voltage	12 - 24 V DC	110 - 240 V AC, 50/60 Hz
Supply Variation	-10% to + 10%	-20% to +10%
Digital Input Voltage Range	OFF ("0"): 0 - 5V DC ON ("1"): 8 - 26.4 V DC	OFF ("0"): 0 - 40 V AC ON ("1"): 80 - 264 V AC
Digital Input Current	0.5 mA	0.5 mA
Analog Input Voltage Range	0 to 10 V DC	-
Analog Input Resolution	10 bit	-
Power Consumption	~ 4W	~ 4W
Operating Temperature	-5 to 55 C	-5 to 55 C
Analog Compare	12	-
Time Switches	16 (weekly/daily)	
Reserve Power	80 Hr.	
Timers	16	
Counters	16 (Up/Down Retentive selectable)	
Compare Counters	16	
Soft Messages	16	
Outputs	4 relays SPST	
Contact Rating	8A (Resistive)	
Lines for ladder diagram	250	
Protection	IP20 (for front panel only)	
Mounting	Din Rail 35mm or Base	
Dimensions	72x90x65 mm	
PC Interface	RS232C / USB	
External Protection	Fuse 500 mA	Fuse 250 mA
EMI/EMC	EN 55011 (Class B)	
Radio Interference Suppression	Level IV as per IEC 61000-4-4	
Immunity to Transients	Level III as per IEC 61000-4-2	
Immunity to ESD		
Certification	CE, CSA	
Weight	Genie - 248 gm	Extension Module - 232 gm



## Mechanical Dimensions



## NOTES