

Smart Relay GENIENX



Features

- Supports 8 digital inputs and 4 relay outputs. Two analog inputs (0 -10V) in 12 -24VDC
- Add up to 34 extension modules expanding I/Os to 32 digital inputs, 16 relay outputs
- 250 lines of ladder programming
- 16 soft text messages, Time Switches, Compare Counters, Timers, Counters & 12 Analog functions, 4 Hour Meters
- DST Feature Available
- Backlit LCD Screen for display & modification of pre-selected parameters of functional blocks, viewing I/O status and programming on the device
- PC software for programming, online & offline simulation
- Designed for use in automation for commercial & Industrial sectors
- Password and parameter lock facility
- Soft keys for convenient creation and editing of programs on the device

Technical Overview

Feature	Parameter	
Supply Voltage	110 - 240 VAC	
Supply Variation	-20% to +10%	
Frequency	50/60 Hz	
Power Consumption	5W	
Digital Input	8	
Analog Input	N/A	
Digital Input Range	(0 - 40 VAC) OFF, (80 - 265 VAC) ON	
Analog Input Range	N/A	
Digital Output	Relay Output	4 'NO'
	Contact Rating	8A @ 240 VAC / 5A @ 30 VDC (Resistive)
	Electrical Life	10 ⁵
	Mechanical Life	10 ⁷
Utilization Category	AC - 15	Rated Voltage (Ue): 120/240 V, Rated Current (Ie): 3.0/1.5 A
	DC - 13	Rated Voltage (Ue): 24/125/250 V, Rated Current (Ie): 2.0/0.22/0.1 A
I/O Extensions (Max.)	3	
Power Reserve (For Clock Only)	7 yrs. (at -10°C to 55°C)	
Modbus Communication	Yes (RTU) (Slave)	
DST	Settable	
Lines for Ladder Programming	250	
Function Blocks	Timers	16 (ON Delay, Interval, Cyclic ON-OFF, OFF Delay)
	Counters	16 (Up / Down, Retentive selectable)
	Time Switches	16 (Weekly / Daily)
	Compare Counters	16
	Analog Functions	N/A
	Soft Text Messages	16 (Priority Driven)
	Auxiliary Relays	64
	Hour Meter	4
Operating Temperature	-10°C to +55°C	
Humidity (Non Condensing)	95% (Rh)	
Enclosure	Flame Retardant UL 94-V0	

Model Specification

Dimension (mm) (W x H x D)	72 X 90 X 65
Weight (unpacked) Approx.	230 g
Mounting	Base / DIN Rail
Degree of Protection	IP 20 for Terminals, IP 40 for Enclosure