




GE1A series Electronic Timers

Two different time ranges to cover a wide time range

- Large clear knob for easy time range setting
- ON Delay function
- Highly precise time control
- Instant monitoring of operation status by LED indicators.

Applicable Standards	Mark	File No. or Organization
UL508 CSA C22.2 No. 14		UL/c-UL Listed File No. E204716
EN61812-1		EU Low Voltage Directive
		TÜV Product Service



Contact Ratings

Contact Ratings	240V AC/5A, 24V DC/5A (resistive load)
Electrical Life	100,000 operations minimum
Mechanical Life	5,000,000 operations minimum

Time Ranges

Time Range Code	Magnification	Time Range
10H	1S	0.1 sec. to 1 sec.
	10S	1 sec. to 10 sec.
	1M	0.1 min. to 1 min.
	10M	1 min. to 10 min.
	1H	0.1 hour to 1 hour
30H	10H	1 hour to 10 hours
	1S	0.3 sec. to 3 sec.
	10S	3 sec. to 30 sec.
	1M	0.3 min. to 3 min.
	10M	3 min. to 30 min.
	1H	0.3 hour to 3 hour
10H	3 hour to 30 hours	

10H



30H



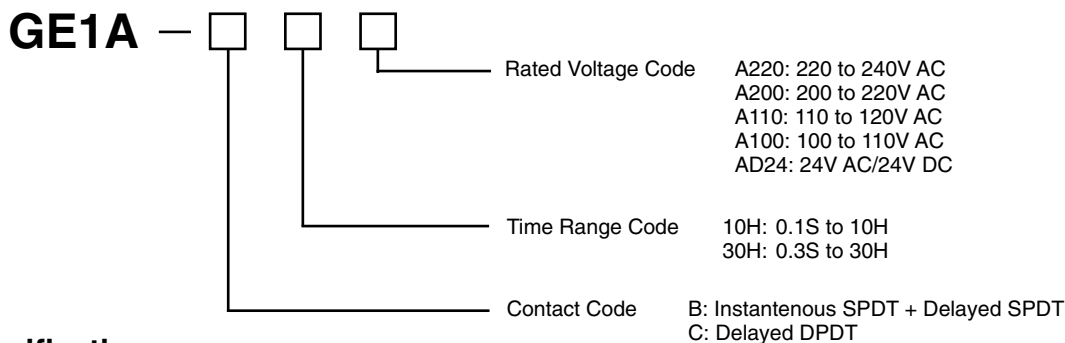
Time Range	Rated Voltage	Part No.	
		Contact	
		Delayed SPDT + Instantaneous SPDT	Delayed DPDT
10H (0.1 sec. to 10 hours)	220 to 240V AC	GE1A-B10HA220	GE1A-C10HA220
	200 to 220V AC	GE1A-B10HA200	GE1A-C10HA200
	110 to 120V AC	GE1A-B10HA110	GE1A-C10HA110
	100 to 110V AC	GE1A-B10HA100	GE1A-C10HA100
	24V AC/DC	GE1A-B10HAD24	GE1A-C10HAD24
30H (0.3 sec. to 30 hours)	220 to 240V AC	GE1A-B30HA220	GE1A-C30HA220
	200 to 220V AC	GE1A-B30HA200	GE1A-C30HA200
	110 to 120V AC	GE1A-B30HA110	GE1A-C30HA110
	100 to 110V AC	GE1A-B30HA100	GE1A-C30HA100
	24V AC/DC	GE1A-B30HAD24	GE1A-C30HAD24

The time ranges shown above will be available in around February 2012.

- Flush Silhouette
- Switches & Pilot Lights
- Display Lights
- LED Illumination Units
- Display Units
- Safety Products
- Terminal Blocks
- Comm. Terminals
- AS-Interface
- Relays & Timers
- Sockets
- Circuit Protectors
- Power Supplies
- PLCs & SmartRelay
- Operator Interfaces
- Sensors
- Control Stations
- Explosion Protection
- References

GE1A Series Electronic Timers

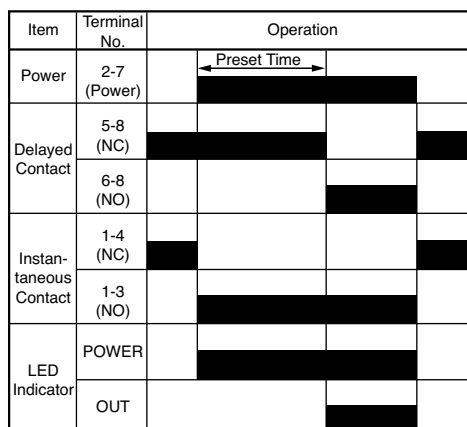
Part No. Development



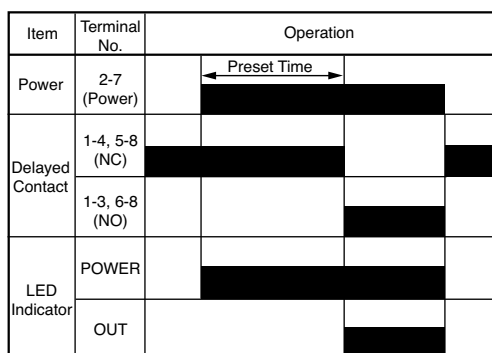
Specifications

Model		GE1A-B	GE1A-C
Operation Mode		ON Delay	
Time Range		0.1 second to 30 hours	
Rated Operational Voltage		220V to 240V AC, 200 to 220V AC, 110V to 120V AC, 100 to 110V AC, 24V AC/DC	
Voltage Tolerance		AC: 85 to 110%, DC: 90 to 110%	
Operating Temperature		-10 to +55°C (without freezing)	
Storage Temperature		-30 to +70°C (without freezing)	
Operating Humidity		35 to 85% RH (without condensation)	
Repeat Error		±0.2% ±10 ms maximum	
Voltage Error		±0.5% ±10 ms maximum	
Temperature Error		±3% maximum	
Setting Error		±10% maximum	
Insulation Resistance		100 MΩ minimum (500V DC megger)	
Dielectric Strength	Between power and output terminals	2,000V AC, 1 minute	
	Between contact circuits	750V AC, 1 minute	
Vibration Resistance		Damage limits: Amplitude 0.75 mm, 10 to 55 Hz Operating extremes: Amplitude 0.5 mm, 10 to 55 Hz	
Shock Resistance	Damage limits	490 m/s ² (approx. 50G)	
Power Consumption	220V AC	7.7 VA (60 Hz), 6.6 VA (50 Hz)	8.0 VA (60 Hz), 7.0 VA (50 Hz)
	200V AC	7.0 VA (60 Hz), 6.0 VA (50 Hz)	8.0 VA (60 Hz), 7.0 VA (50 Hz)
	110V AC	3.8 VA (60 Hz), 3.3 VA (50 Hz)	3.5 VA (60 Hz), 3.0 VA (50 Hz)
	100V AC	3.5 VA (60 Hz), 3.0 VA (50 Hz)	3.5 VA (60 Hz), 3.0 VA (50 Hz)
	24V AC	1.6 VA	2.0 VA
	24V DC	1.0W	0.8W
Weight (Approx.)		101g	95g

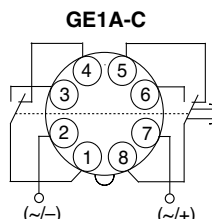
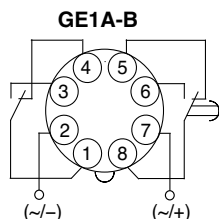
GE1A-B



GE1A-C

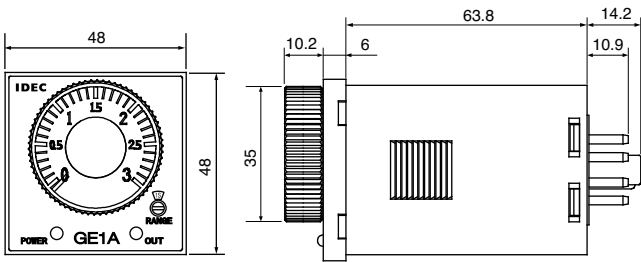


Internal Connections

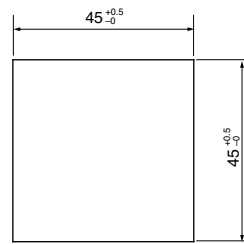


GE1A Series Electronic Timers

Dimensions

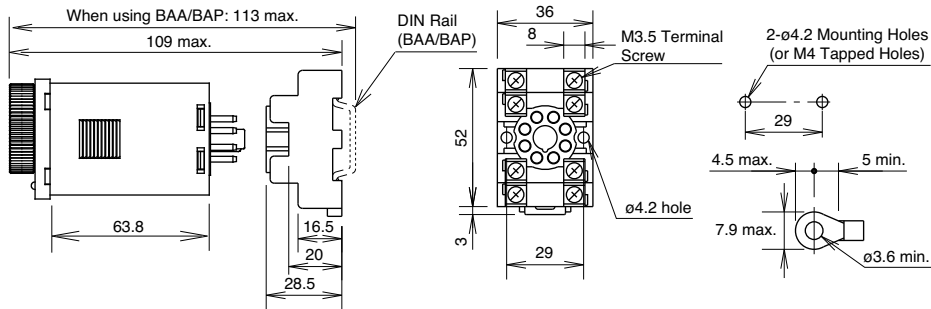


Panel Cut-out

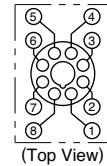


Applicable Sockets

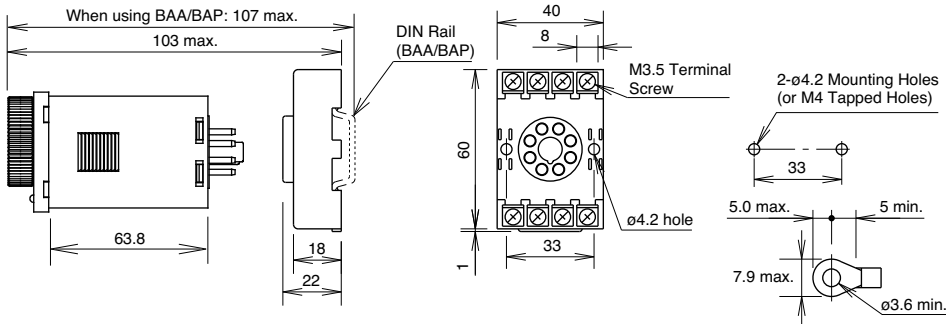
SR2P-05A (not UL/c-UL listed)



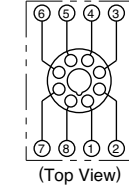
Terminal Arrangement



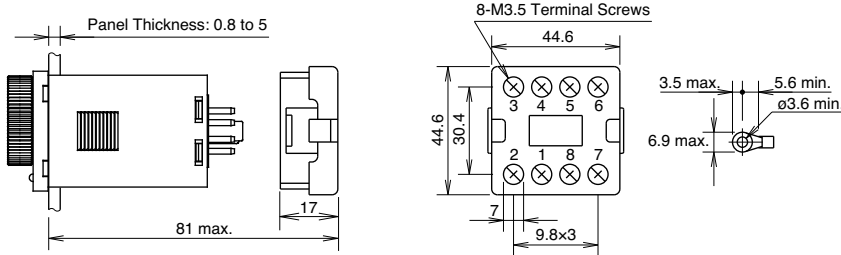
SR2P-06A



Terminal Arrangement



SR6P-M08G



All dimensions in mm.

Accessories

Name	Shape	Part No.
Panel Mount Adapter		GE9Z-AD
Dust Cover		GE9Z-C48

- Flush Silhouette
- Switches & Pilot Lights
- Display Lights
- LED Illumination Units
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