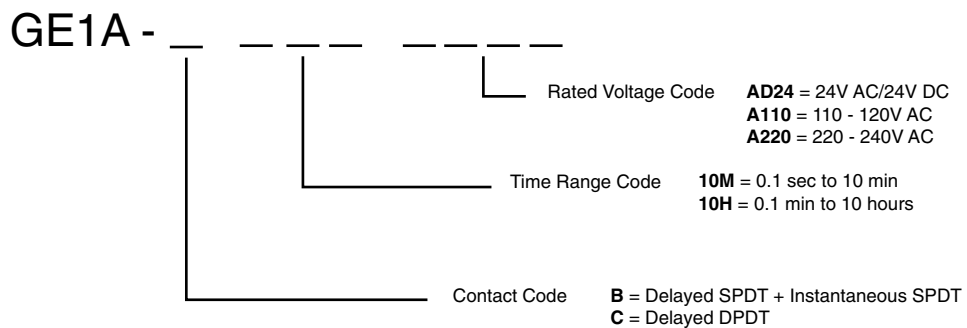


GE1A Series

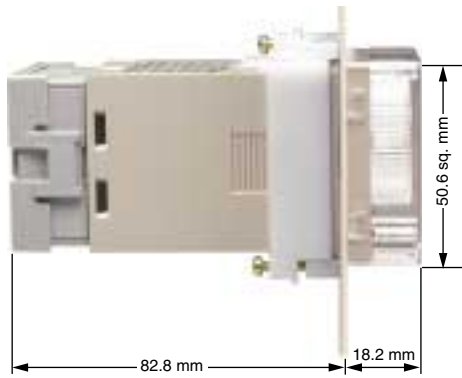


Part No. Development



Variations

Time Range	Rated Voltage	Contacts	
		Delayed SPDT + Instantaneous SPDT	Delayed DPDT
0.1 sec to 10 min	24V AC/DC	GE1A-B10MAD24	GE1A-C10MAD24
	110 - 120V AC	GE1A-B10MA110	GE1A-C10MA110
	220 - 240V AC	GE1A-B10MA220	GE1A-C10MA220
0.1 min to 10 hours	24V AC/DC	GE1A-B10HAD24	GE1A-C10HAD24
	110 - 120V AC	GE1A-B10HA110	GE1A-C10HA110
	220 - 240V AC	GE1A-B10HA220	GE1A-C10HA220



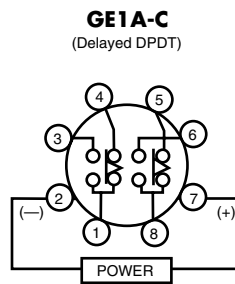
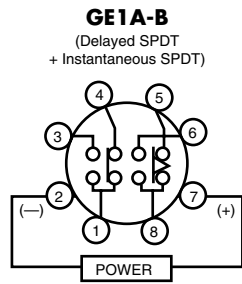
Contact Ratings

Contact Ratings	24V AC/5A, 24V DC/5A (resistive load)
Electrical Life	100,000 operations minimum (at full rated load)
Mechanical Life	10,000,000 operations minimum

Specifications

Time Range	0.1 second to 10 hours		
Rated Operational Voltage	24V AC/DC, 110 to 120V AC, 220 to 240V AC		
Voltage Tolerance	AC: 85 to 110%, DC: 90 to 110%		
Operating Temperature	-10 to +55°C (without freezing)		
Storage Temperature	-30 to +80°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: 1,500V 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: 500 m/s ² (Approx. 50G)		
Power Consumption	GE1A-B	GE1A-C	
	24V AC	1.6VA	2.0VA
	24V DC	1.0W	0.8W
	110V AC (60/50 Hz)	3.8VA/3.3VA	3.5VA/3.0VA
	220V AC (60/50 Hz)	7.7VA/6.6VA	8.0VA/7.0VA

Internal Connections



Operation Charts

GE1A-B

Item	Terminal No.	Operation	
Power	2-7 (Power)	← Preset Time →	
Delayed Contact	8-5 (NC)		
	8-6 (NO)		
Instantaneous Contact	1-4 (NC)		
	1-3 (NO)		
LED Indicator	POWER		
	OUT		

GE1A-C

Item	Terminal No.	Operation	
Power	2-7 (Power)	← Preset Time →	
Delayed Contact	1-4, 8-5 (NC)		
	1-3, 8-6 (NO)		
LED Indicator	POWER		
	OUT		

Accessories



Screw Terminal Socket
For Panel Mounting
Part No. SR6P-M08G



Panel Mount
Adapter
Part No. GE9Z-AD



Dust Cover
Part No. GE9Z-C48

DIN rail mount accessories also available.

idec

www.idec.com

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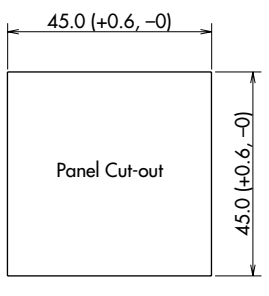
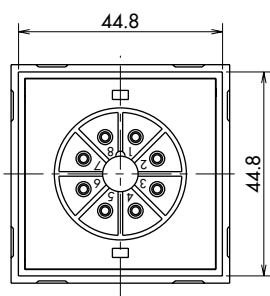
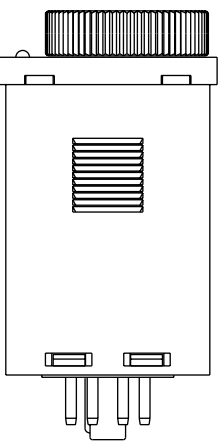
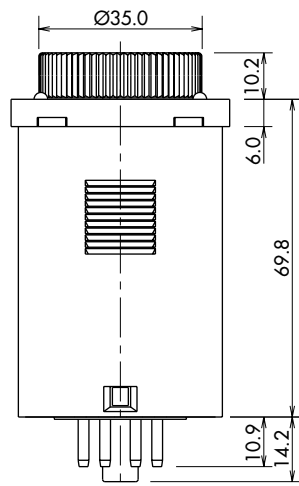
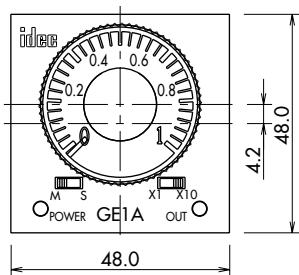
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Dimensions



Dimensions in mm