



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## GE1A Series – ON Delay Timers

## Single Function

## Key features:

- DPDT or SPDT + instantaneous SPDT
- 8-pin, octal base
- Repeat error  $\pm 0.2\%$  maximum
- Large, clear knob for easy setting
- Instant monitoring of operational status by LED indicators



UL, c-UL Listed  
File No. E55996



## Specifications

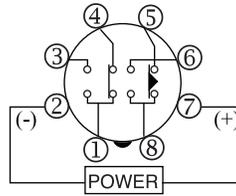
Rated Operating Voltage	24V AC/DC 110 to 120V AC 220 to 240V AC	
Voltage Tolerance	AC: 85 to 110% DC: 90 to 110%	
Contact Rating	240V AC/5A 24V DC/5A	
Contact Form	DPDT or SPDT+ instantaneous SPDT	
Repeat Error	$\pm 0.2\% \pm 10\text{msec}$ maximum	
Voltage Error	$\pm 0.5\% \pm 10\text{msec}$ maximum	
Temperature Error	$\pm 3\%$ maximum	
Setting Error	$\pm 10\%$ maximum	
Reset Time	0.1 sec maximum	
Insulation Resistance	100M $\Omega$ 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 0.75mm, 10 to 55 Hz Operating extremes: Amplitude 0.5mm, 10 to 55 Hz	
Shock Resistance	Damage limits: 500m/s <sup>2</sup> (Approx. 50G)	
Power Consumption	GE1A-B	24V AC type: 1.6 VA
		24V DC type: 1.0W
		110V AC type: 3.8 VA
	GE1A-C	220V AC type: 7.7 VA
		24V AC type: 2.0 VA
		24V DC type: 0.8W
Electrical Life	GE1A-C	110V AC type: 3.5 VA
		220V AC type: 8.0 VA
		100,000 operations minimum (at full rated load)
Mechanical Life	B type: 10,000,000 operations minimum, C type: 5,000,000 operations minimum	
Operating Temperature	-10 to +55°C (without freezing)	
Operating Humidity	35 to 85% RH (without freezing)	

Part Numbering List

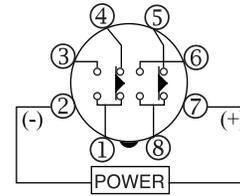
Mode of Operation	Contact	Output	Rated Voltage	Time Range	Complete Part Number	
ON-Delay	Delayed SPDT + Instantaneous SPDT	24V DC/120V AC, 5A 240V AC, 5A	220-240V AC	0.1s - 10h	GE1A-B10HA220	
			110-120V AC		GE1A-B10HA110	
			24V AC/DC		GE1A-B10HAD24	
			220-240V AC	0.3s - 30h	GE1A-B30HA220	
			110-120V AC		GE1A-B30HA110	
			24V AC/DC		GE1A-B30HAD24	
	Delayed DPDT			220-240V AC	0.1s - 10h	GE1A-C10HA220
				110-120V AC		GE1A-C10HA110
				24V AC/DC		GE1A-C10HAD24
				220-240V AC	0.3s - 30h	GE1A-C30HA220
				110-120V AC		GE1A-C30HA110
				24V AC/DC		GE1A-C30HAD24

Timing Diagrams/Schematics

GE1A-B  
Delayed SPDT + Instantaneous SPDT



GE1A-C  
Delayed DPDT

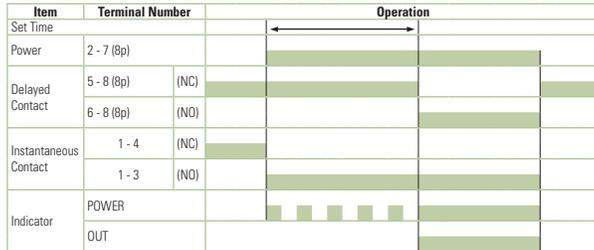


Operation Mode Selection

ON-Delay 1

MODE

A



Note: Terminals 1, 3, and 4 are for the instantaneous contact

Accessories

Mounting Accessories & Sockets

	Item	Appearance	Part No.
DIN Rail/Surface Mounting Accessories	8-Pin Screw Terminal (dual tier)		SR2P-05
	8-Pin Fingersafe Socket		SR2P-05C
	8-Pin Screw Terminal		SR2P-06
	DIN Mounting Rail Length 1000mm		BNDN1000
Panel Mounting Accessories	8-Pin Solder Terminal		SR2P-51
	Screw Terminal Socket		SR6P-M08G
	Panel Mount Adapter		GE9Z-AD

Other Accessories

	Item	Appearance	Part No.
	Dust Cover		GE9Z-C48

Switches & Pilot Lights

Signaling Lights

Relays & Sockets

Timers

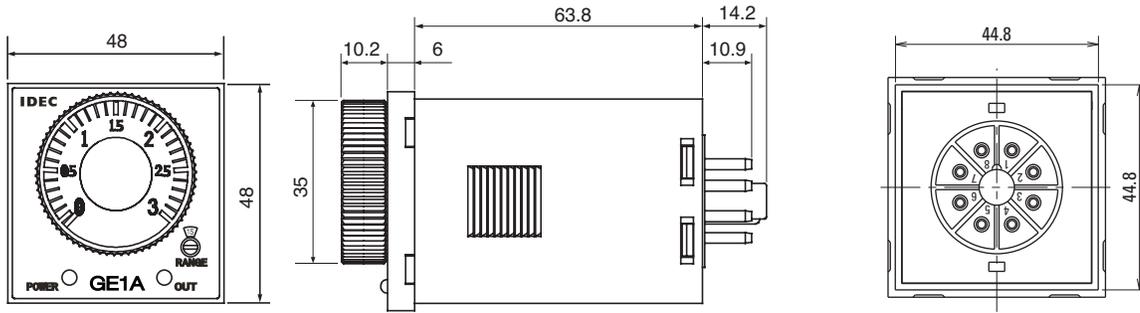
Contactors

Terminal Blocks

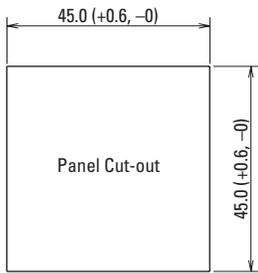
Circuit Breakers

Dimensions

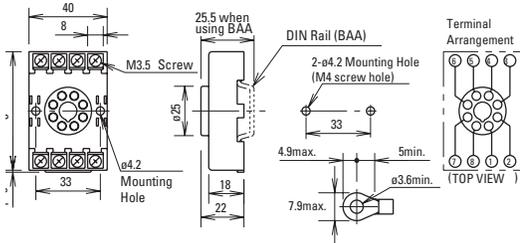
GE1A Timer



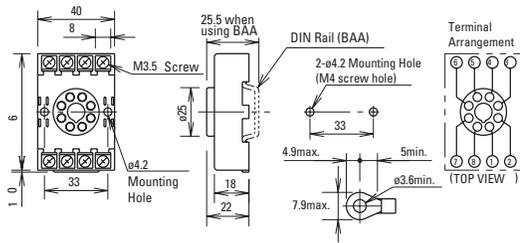
GE1A Timer Panel Cutout



8-Pin SR2P-05



8-Pin SR2P-06



Switches & Pilot Lights

Signaling Lights

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Terminal Blocks

Circuit Breakers