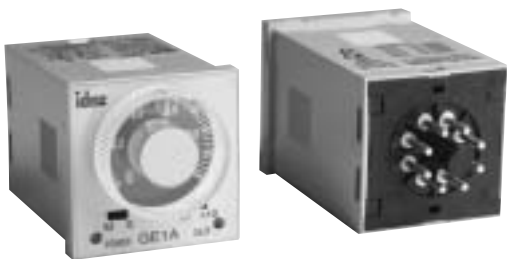


GE1A Series — Single Function ON Delay Timers



- Key features of the GE1A series include:
- DPDT or SPDT + instantaneous SPDT
 - 8-pin, octal base
 - 8 time ranges
 - Repeat error $\pm 0.2\%$ maximum
 - Large, clear knob for easy setting
 - Instant monitoring of operational status by LED indicators



Timers
Specifications

Specifications	Rated Operating Voltage		24V AC/DC 100 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		±0.2% ±10msec maximum
	Voltage Error		±0.5% ±10msec maximum
	Temperature Error		±3% maximum
	Setting Error		±10% maximum
	Reset Time		0.1 sec maximum
	Insulation Resistance		100MΩ 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 0.75mm, 10 to 55 Hz Operating extremes: Amplitude 0.5mm, 10 to 55 Hz
	Shock Resistance		Damage limits: 500m/s2 (Approx. 50G)
	Power Consumption	GE1A-B	24V AC type: 1.6 VA
			24V DC type: 1.0W
			110V AC type: 3.8 VA
			220V AC type: 7.7 VA
GE1A-C		24V AC type: 2.0 VA	
		24V DC type: 0.8W	
		110V AC type: 3.5 VA	
		220V AC type: 8.0 VA	
Electrical Life		100,000 operations minimum (at full rated load)	
Mechanical Life		10,000,000 operations minimum	
Operating Temperature		−10 to +55°C (without freezing)	
Operating Humidity		35 to 85% RH (without freezing)	

GE1A Table of Contents

Part Number List — G-55

Timing Diagrams — G-55

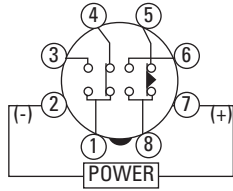
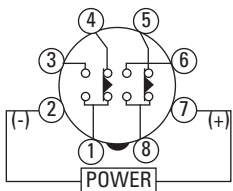
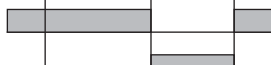
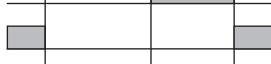
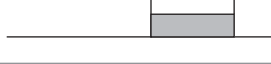
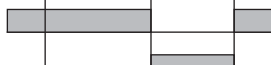
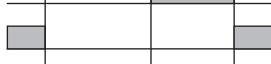
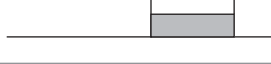
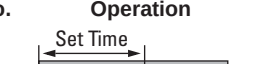
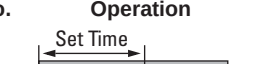
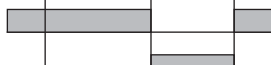
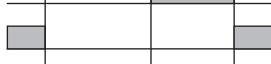
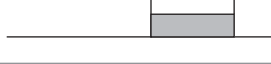
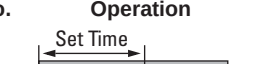
GE1A Accessories — G-56

GE1A Dimensions — G-57

Part Numbering List

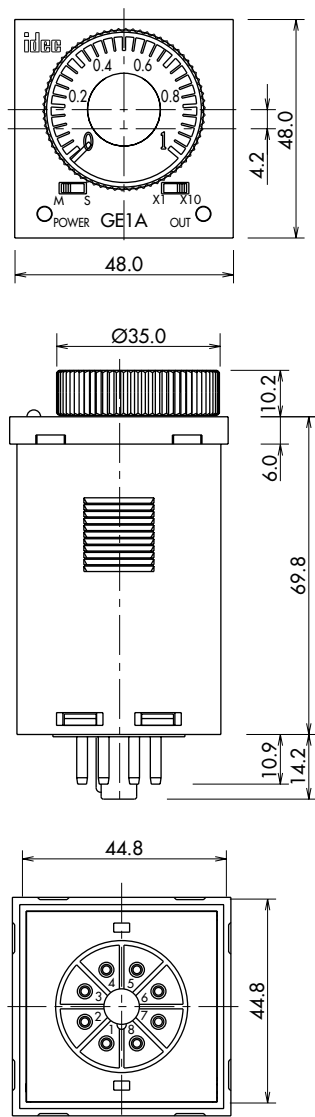
Mode of Operation	Contact	Output	Rated Voltage	Time Range	Complete Part No.
ON-Delay	Delayed SPDT + Instantaneous SPDT	24V DC/120V AC, 5A	24V AC/DC	0.1s to 10m	GE1A-B10MAD24
			110-120V AC		GE1A-B10MA110
			220-240V AC		GE1A-B10MA220
			24V AC/DC	0.1m to 10h	GE1A-B10HAD24
			110-120V AC		GE1A-B10HA110
			220-240V AC		GE1A-B10HA220
	Delayed DPDT	240V AC, 5A	24V AC/DC	0.1s to 10m	GE1A-C10MAD24
			110-120V AC		GE1A-C10MA110
			220-240V AC		GE1A-C10MA220
			24V AC/DC	0.1m to 10h	GE1A-C10HAD24
			110-120V AC		GE1A-C10HA110
			220-240V AC		GE1A-C10HA220

Timing Diagrams/Schematics

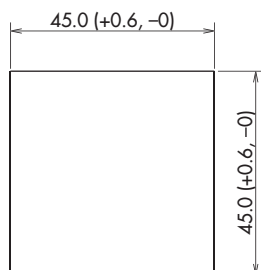
	GE1A-B Delayed SPDT + Instantaneous SPDT	GE1A-C Delayed DPDT																																					
Operation Mode Selection																																							
ON-Delay 1 MODE 	<table> <thead> <tr> <th>Item</th><th>Terminal No.</th><th>Operation</th></tr> </thead> <tbody> <tr> <td>Power (Power)</td><td>2-7 (8p)</td><td></td></tr> <tr> <td rowspan="2">Delayed Contact</td><td>(NC) 5-8 (8p)</td><td></td></tr> <tr> <td>(NO) 6-8 (8p)</td><td></td></tr> <tr> <td rowspan="2">Instantaneous Contact</td><td>(NC) 1-4</td><td></td></tr> <tr> <td>(NO) 1-3</td><td></td></tr> <tr> <td rowspan="2">Indicator</td><td>POWER</td><td></td></tr> <tr> <td>OUT</td><td></td></tr> </tbody> </table>	Item	Terminal No.	Operation	Power (Power)	2-7 (8p)		Delayed Contact	(NC) 5-8 (8p)		(NO) 6-8 (8p)		Instantaneous Contact	(NC) 1-4		(NO) 1-3		Indicator	POWER		OUT		<table> <thead> <tr> <th>Item</th><th>Terminal No.</th><th>Operation</th></tr> </thead> <tbody> <tr> <td>Power (Power)</td><td>2-7 (8p)</td><td></td></tr> <tr> <td rowspan="2">Delayed Contact</td><td>(NC) 1-4, 5-8 (8p)</td><td></td></tr> <tr> <td>(NO) 1-3, 6-8 (8p)</td><td></td></tr> <tr> <td rowspan="2">Indicator</td><td>POWER</td><td></td></tr> <tr> <td>OUT</td><td></td></tr> </tbody> </table>	Item	Terminal No.	Operation	Power (Power)	2-7 (8p)		Delayed Contact	(NC) 1-4, 5-8 (8p)		(NO) 1-3, 6-8 (8p)		Indicator	POWER		OUT	
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Dimensions: GE1A Series

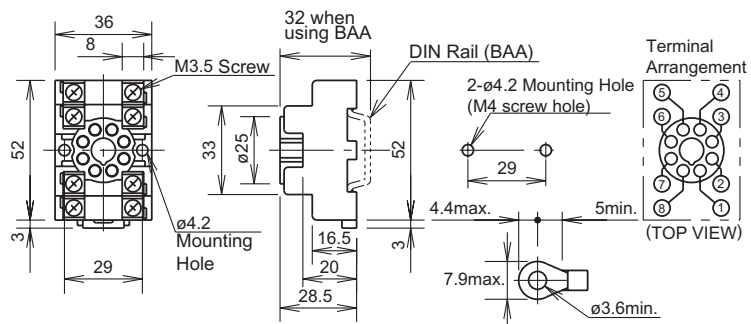
GE1A Timer



GE1A Timer Panel Cutout



8-Pin SR2P-05



8-Pin SR2P-06

Dimensions in inches (mm)

