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TECHNOLOGY GROUP

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Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
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Expert team | Trust guarantee | 100% satisfaction

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Find the *Macromatic SS-65122* at our website: ***Click HERE***

TIME DELAY RELAYS

TIME RANGER™ MULTI-RANGE PLUG-IN

- 16 Timing Ranges in Single Timer - Requires No Math to Set
- Timing Ranges from 0.1 Seconds to 2 Hours (0.6 Seconds to 24 Hours for all Repeat Cycle & Delayed Interval Timers)
- Dual-Rated AC or DC Input Voltages
- Voltages from 12VAC/DC to 240VAC
- ±0.1% Repeat Accuracy
- 10A @240VAC DPDT Output
- Independently Adjustable ON & OFF Times on Repeat Cycle Products
- Industry-Standard 8 & 11 Pin Octal Sockets

WIRING/SOCKET DIAGRAMS

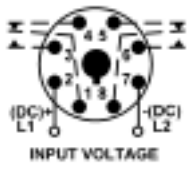


DIAGRAM 1

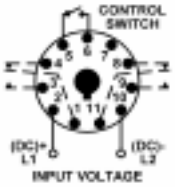


DIAGRAM 2

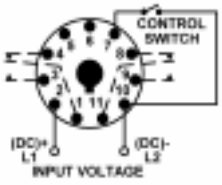


DIAGRAM 3

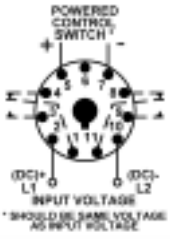


DIAGRAM 4

MACROMATIC

800-238-7474



Simply select 1 of the 16 built-in time ranges by setting DIP switches per a chart on side of unit and adjust within that range using the knob on top

FUNCTION	INPUT VOLTAGE	PRODUCT NUMBER	WIRING/ SOCKETS
ON DELAY	120VAC/DC 12VAC/DC 24VAC/DC 240VAC	SS-60222 SS-60226 SS-60228 SS-60221	8 Pin Octal 70169-D **DIAGRAM 1**
INTERVAL ON	120VAC/DC 12VAC/DC 24VAC/DC 240VAC	SS-60522 SS-60526 SS-60528 SS-60521	8 Pin Octal 70169-D **DIAGRAM 1**
OFF DELAY (5-6 Trigger)	120VAC/DC 12VAC/DC 24VAC/DC 240VAC	SS-61622 SS-61626 SS-61628 SS-61621	11 Pin Octal 70170-D **DIAGRAM 2**
OFF DELAY (7-10 Trggger)	120VAC/DC 12VAC/DC 24VAC/DC 240VAC	SS-61422 SS-61426 SS-61428 SS-61421	11 Pin Octal 70170-D **DIAGRAM 3**
OFF DELAY (Power Trigger)	120VAC/DC 12VAC/DC 24VAC/DC 240VAC	SS-61922 SS-61926 SS-61928 SS-61921	11 Pin Octal 70170-D **DIAGRAM 4**
SINGLE SHOT (Momentary Interval)	120VAC/DC 12VAC/DC 24VAC/DC 240VAC	SS-61522 SS-61526 SS-61528 SS-61521	11 Pin Octal 70170-D **DIAGRAM 2**
WATCHDOG (Power Trigger Retriggerable Single Shot)	120VAC/DC 12VAC/DC 24VAC/DC 240VAC	SS-61822 SS-61826 SS-61828 SS-61821	11 Pin Octal 70170-D **DIAGRAM 4**
REPEAT CYCLE* (OFF Time First Followed By ON Time)	120VAC/DC 12VAC/DC 24VAC/DC 240VAC	SS-63122 SS-63126 SS-63128 SS-63121	8 Pin Octal 70169-D **DIAGRAM 1**
REPEAT CYCLE* (ON Time First Followed By OFF Time)	120VAC/DC 12VAC/DC 24VAC/DC 240VAC	SS-65122 SS-65126 SS-65128 SS-65121	8 Pin Octal 70169-D **DIAGRAM 1**
DELAYED INTERVAL* (OFF Time Followed by ON Time Followed by OFF State Until Reset)	120VAC/DC 12VAC/DC 24VAC/DC 240VAC	SS-66122 SS-66126 SS-66128 SS-66121	8 Pin Octal 70169-D **DIAGRAM 1**

* These units have independently adjustable ON and OFF times.

Factory Modifications: ◆ External Adjust ◆ Special Triggering ◆ Non-Standard Voltages

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Application Data

Voltage Tolerance:
AC Operation: +10/-15% of nominal at 50/60 hz.
DC Operation: +10/-15% of nominal.

Load (Burden):
Less than 2.5 watts.

Repeat Accuracy:
±0.1% for constant voltage and temperature.

Setting Accuracy:
Maximum Setting: +0%, -50%
Minimum Setting: +5%, -0%.

Triggering Off Delay or Single Shot Timers:
Timing sequence must be initiated only after input voltage is applied to unit.

Compatibility:
Do not use a solid state switch to initiate the timing sequence.

Recycle Time:
0.1 Seconds

Temperature:
-28° to 65°C (-20° to 150°F)

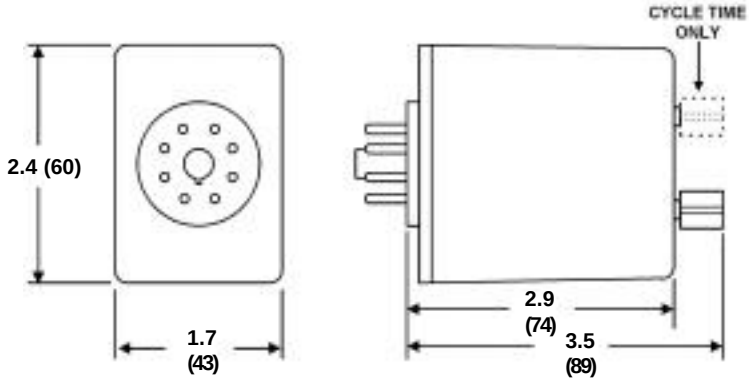
Transient Protection:
10,000 volts for 20 microseconds

Output Contacts:
10A Resistive @ 240VAC/30VDC,
1/3HP @ 240VAC

Life:
Mechanical: 7,000,000 operations
Full Load: 500,000 operations

Approvals:
File E109466 File LR45565

Dimensions

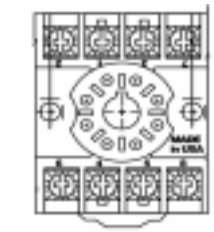


All dimensions are in. (mm.)

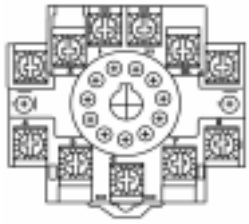
Mounting & Accessories

Macromatic plug-in time delay relays require an octal socket for mounting (see below). Both the 8 pin & 11 pin octal sockets can be mounted to a panel with 2 screws or snapped on a 35mm DIN track. **Electrical Rating:** 10A @ 300VAC. Pressure wire clamps accept 1 or 2 #12-22 wires.

Description	Product Number
8 Pin Octal Socket	70169-D
11 Pin Octal Socket	70170-D
35MM DIN Track (3 ft. length)	70100



70169-D



70170-D

MACROMATIC

Macromatic Controls LLC

6625 W. Mill Road, Milwaukee, WI 53218 ◆ 414-358-2600 ◆ 800-238-7474 ◆ Fax 414-358-2626

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