

# TIME DELAY RELAYS

## TAA SERIES ANALOG-SET MULTI-FUNCTION MULTI-RANGE 1/16 DIN MOUNTING



- ◆ 6 field-selectable functions in one unit
- ◆ Large dial for setting of time delay
- ◆ 50ms to 100 Hours programmable timing range
- ◆ Universal 100-240V AC/ 24-240V DC input voltage
- ◆ Panel, track or surface mounting
- ◆ 1/16 DIN style case (comes with panel-mounting adapter)
- ◆ 5A DPDT output contacts



MULTI-FUNCTION ◆	INPUT VOLTAGE	PRODUCT NUMBER	WIRING/SOCKETS ■
Includes Six (6) Functions Built-in (See Page 75 for additional information)	100-240V AC 50/60Hz & 24-240V DC	TAA1U	SEE DIAGRAMS ON PAGE 75 8 Pin Octal (See Below)
Includes Six (6) Functions Built-in (See Page 75 for additional information)	100-240V AC 50/60Hz & 24-240V DC	TAA2U	SEE DIAGRAMS ON PAGE 75 11 Pin Octal (See Below)

- ◆ See Page 75 for additional details on Functions.
- See below for **Sockets & Accessories**.

### APPLICATION DATA

**Voltage Tolerance:**  
+10% of rated voltage.

**Load (Burden):**  
Less than 2.5 VA

**Repeat Accuracy:**  
+0.01%, +0.05 seconds (includes variation due to voltage and temperature changes).

**Recycle Time:**  
0.2 seconds maximum.

**Temperature:**  
-10° to 55°C (14° to 131°F)

**LED Indicators:** One red LED indicates Input Voltage/Timing (flashing) & a second red LED indicates relay status.

**Output Contacts:**  
5A DPDT Resistive @ 250V AC

**Life:**  
Mechanical: 10,000,000 operations  
Full Load: 100,000 operations

**Approvals:**    
File #E170213

### SOCKETS & ACCESSORIES

DESCRIPTION	PRODUCT NUMBER
8 Pin Octal Socket	70169-D ■
8 Pin Octal Socket (Back Mounting)	SR6P-M08G
11 Pin Octal Socket	70170-D ■
11 Pin Octal Socket (Back Mounting)	SR6P-M11G
Panel-Mounting Adaptor	Included



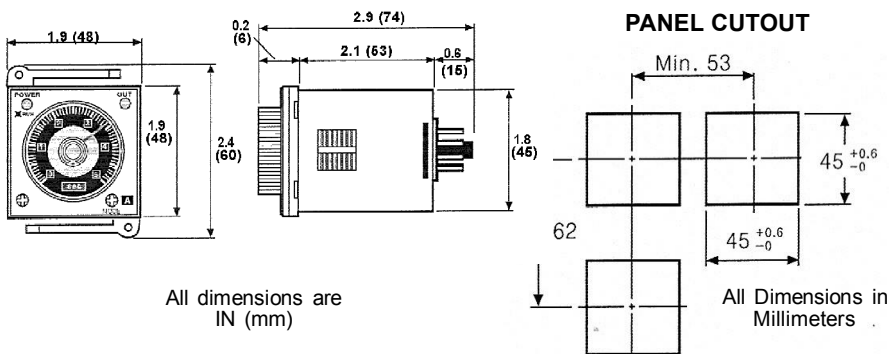
SR6P-M08G



SR6P-M11G

- For Surface or Track Mounting--See Page 80 for additional information

### DIMENSIONS



800-238-7474

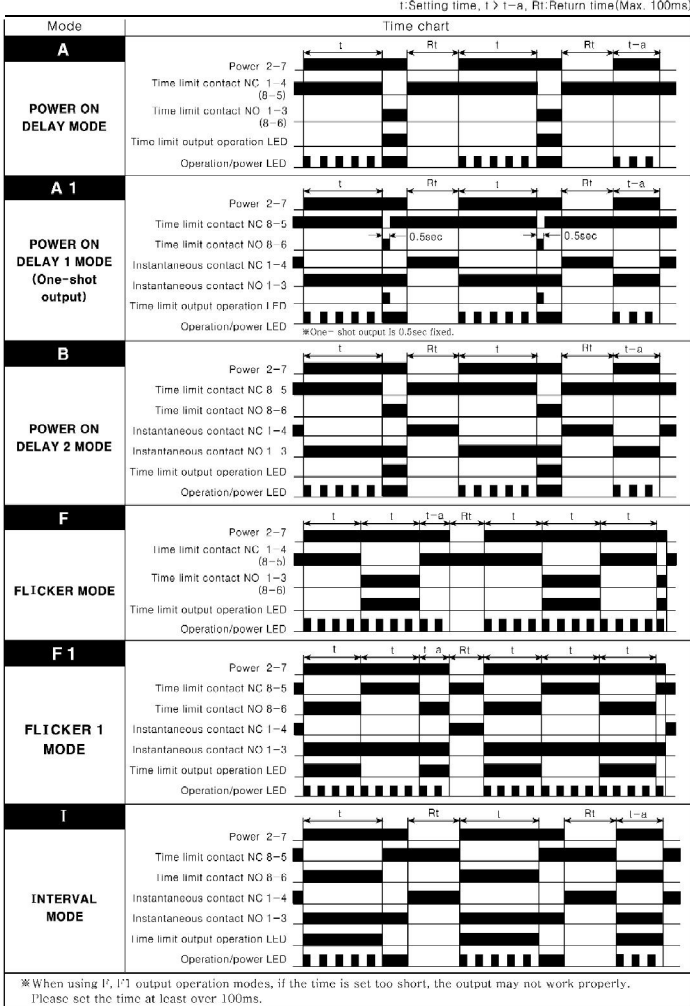
www.macromatic.com  
sales@macromatic.com

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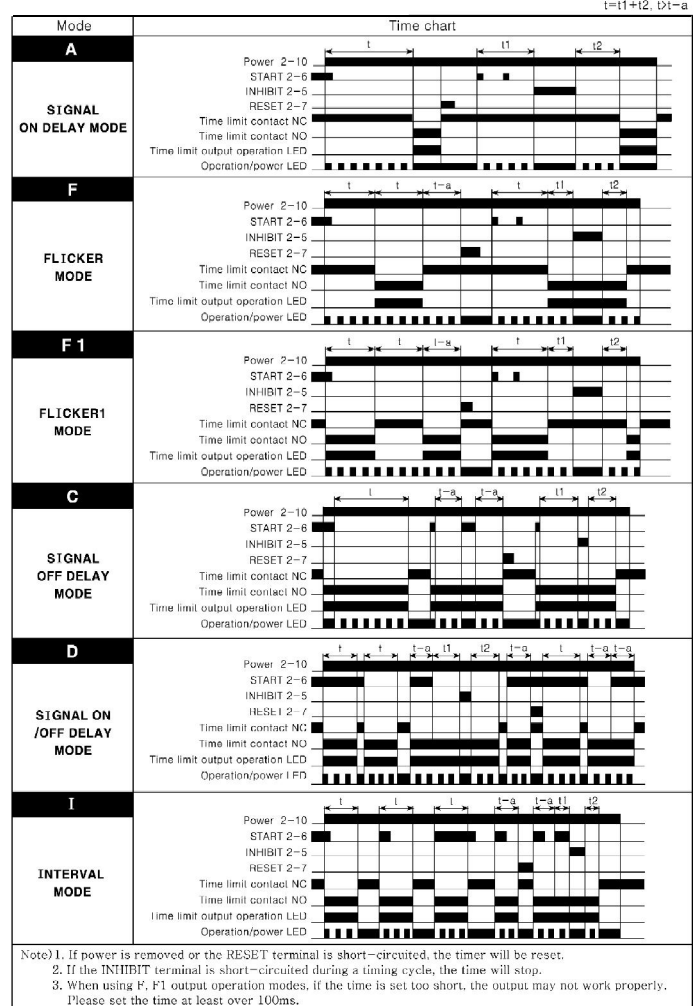
## TAA SERIES ANALOG-SET MULTI-FUNCTION MULTI-RANGE

### DEFINITION OF TIMING FUNCTIONS

#### Functions for TAA1U



#### Functions for TAA2U



#### TAA1U Functions A, F

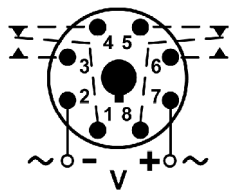


DIAGRAM 134

#### TAA1U Functions A1, B, F1 & I

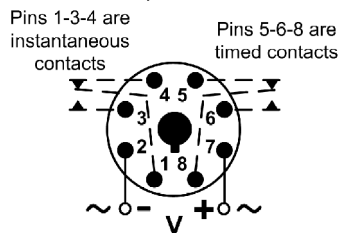


DIAGRAM 182

#### TAA2U All Functions

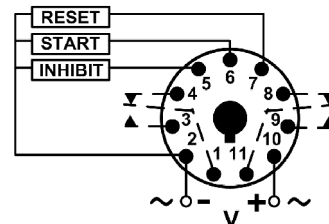


DIAGRAM 183