MULTI-FUNCTION MULTI-RANGE





- 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





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MULTI- FUNCTION ◆	INPUT VOLTAGE	PRODUCT NUMBER	WIRING/ SOCKETS ■
Includes Six (6) Functions Built-in (See "Definitions of Timing Functions".)	100-240V AC 50/60Hz & 24-240V DC	TAA1U	SEE DIAGRAMS NEXT PAGE 8 Pin Octal
Includes Six (6) Functions Built-in (See "Definitions of Timing Functions".)	100-240V AC 50/60Hz & 24-240V DC	TAA2U	SEE DIAGRAMS NEXT PAGE 11 Pin Octal

- See "Definitions of Timing Functions".
- See below for Sockets & Accessories.

Application Data

Voltage Tolerance:

+10% of rated voltage.

Load (Burden): Less than 2.5 VA

Repeat Accuracy:

 $\pm 0.01\%$, ± 0.05 seconds (includes variation due to voltage and temperature changes).

Recycle Time:

0.2 seconds maximum.

Temperature:

Operating: -10° to $55^{\circ}C$ (14° to 131°F) Storage: -40° to $85^{\circ}C$ (-40° to 185°F)

SOCKETS & ACCESSORIES

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:





OUDREID D AU		PRODUCT			
DESCRIPTION		NUMBER	A mune - 2 a		
8 Pin Octal Soc	ket	70169-D 	S.F.A.		
8 Pin Octal Socket (Back Mounting) 11 Pin Octal Socket		SR6P-M08G	SR6P-M08G		
		70170-D 			
	cket (Back Mounting)	SR6P-M11G	anno M		
Panel-Mounting	Adaptor	Included			
	Track Mounting-See S		SR6P-M11G		
_	additional information	1			
DIMENSIONS			PANEL CUTOUT		
			PANEL COTOUT		
1.9 (48)	0.2 (6)		Min. 53		
°	2.1 (53)	(15)			
NOVER OF O		1-1-1			
1.9 (48)	2.4 (60)	1.8 (46)	▲ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓		
	(60)		n, 62		
000			45 +0.6		
			All Dimensions Millimeters		
	Dimensiona in				

All Dimensions in Inches (mm)

36

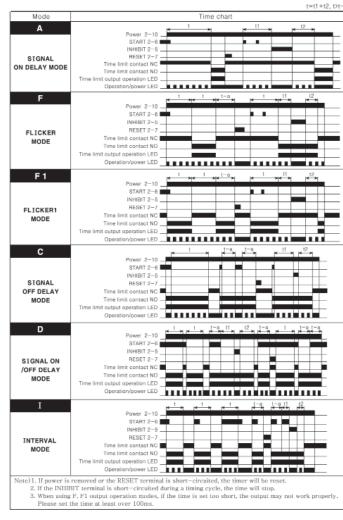
DEFINITION OF TIMING FUNCTIONS Digital-Set | TAA Series

t:Setting time (t) t-a Bt:Beturn time(Max 100ms)

Functions for TAA1U

Mode			Time	chart			
Α		t د	~ ~	Rt	t	Rt	t-a
~	Power 2-7			î			
	Time limit contact NC 1-4 (8-5)						
POWER ON	(8-5) Time limit contact NO 1-3						
DELAY MODE	(8-6)	+					
	Time limit output operation LED						
	Operation/power LED						
A 1		H L		Rt N	t	Rt M	He t-a
	Power 2-7						
	Time limit contact NC 8-5			D.5sec		★ ★ 0.5sec	
POWER ON	Time limit contact NO 8-6						
DELAY 1 MODE	Instantaneous contact NC 1-4		_				
(One-shot output)	Instantaneous contact NO 1-3	-					
output/	Time limit output operation LED						
	Operation/power LED	#One = shot	output is 0.5	sec fixed.			
в		, t		Rt	t t	H H RL	× ^{t−a} ×
	Power 2-7						
	Time limit contact NC 8-5						
	Time limit contact NO 8-6						
POWER ON	Instantaneous contact NC 1-4						
DELAY 2 MODE	Instantaneous contact NO 1-3						
	Time limit output operation LED						
	Operation/power LED						
F		. t .	t	t-a	Rt., t	t	. t
	Power 2-7	· · ·		-		- m	
	Time limit contact NC 1-4 (8-5)						
	Time limit contact NO 1-3						
FLICKER MODE	(8-6)	+					
	Time limit output operation LED						
	Operation/power LED						
F 1		t +	t t	1-a F	t t	→ t →	+ ^t +
	Power 2-7						
	Time limit contact NC 8-5						
	Time limit contact NO 8-6						
FLICKER 1	Instantaneous contact NC 1-4						
MODE	Instantaneous contact NO 1-3	-					
	Time limit output operation LED	_					
	Operation/power LED						
I		r t		Rt +		* * Rt	- He 1-a H
	Power 2-7						
	Time limit contact NC 8-5						
	Time limit contact NO 8-6	_					
	Instantaneous contact NC 1-4						
	Instantaneous contact NO 1-3						
	Time limit output operation LED						

Functions for TAA2U



TAA1U Functions A, F

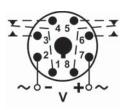


DIAGRAM 134

TAA1U Functions A1, B, F1 & I

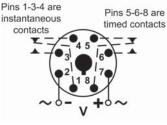


DIAGRAM 182

TAA2U All Functions

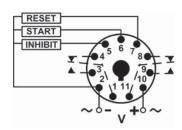


DIAGRAM 183