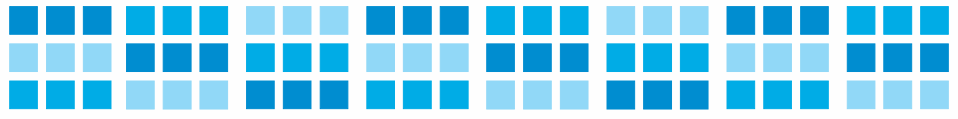


**TRINITY
TOUCH**



INDUSTRIAL CONTROLLERS

ANALOG TIMERS

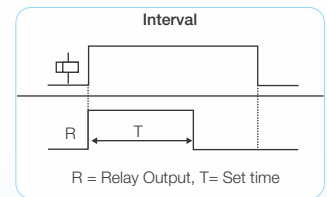
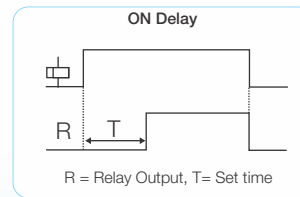
Trinity Touch offers wide variety of Analog Timer portfolio with multiple operating modes, universal supply voltage for AC or DC coils, wider time range, 22.5 mm and slim, space-saving design of 17.5 mm width size even for 2-changeover output in DIN- rail mounting design.

- One model choice for various power supply voltages.
- Wide timing range from 0.1 sec to 30 Hrs.
- Accuracy is $\pm 1\%$ of FS.
- Large Knob design which allows to set the timing and function mode in timer without any tools.
- Ideal for use in various applications of Industrial, Food & Beverages, and Building Automation.



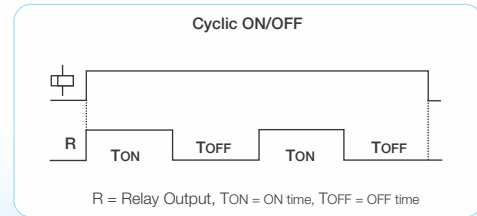
On Delay / Interval Analog Timer

Function Mode	- ON Delay, Interval
Operating Voltage	- 12 to 240V AC/DC, 415 VAC, 50/60 Hz
Time Range	- 0.1-1 sec., 1-10 sec., 3-30 sec., 10-100 sec., 1-10 min., 3-30 min., 10-100 min., 30-300 min., 1-10 hour, 3-30 hour
Number of Scale	- 1-10
Relay Output	- SPDT/ DPDT
Output Rating	- 5/8 A @ 250V AC/30VDC with resistive load



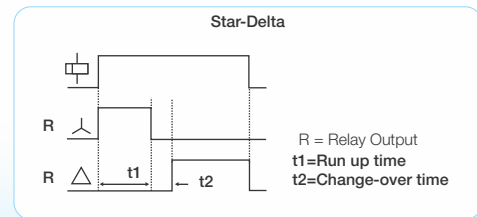
Cyclic On-off Analog Timer

Function Mode	- Cyclic OFF First, Cyclic ON First
Operating Voltage	- 12 to 240 VAC/DC, 50/60 Hz
Time Range	- 0.1-1 Sec., 1-10 sec., 3-30 sec., 10-100 sec., 1-10 min., 3-30 min., 10-100 min., 30-300 min., 1-10 hour, 3-30 hour
Number of Scale	- 1-10
Relay Output	- SPDT/ DPDT
Output Rating	- 5/8 A @ 250 VAC/30 VDC with resistive load



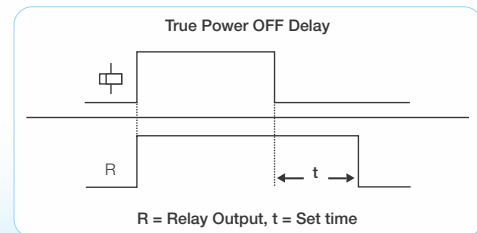
Star Delta Analog Timer

Function Mode	- Star-Delta
Operating Voltage	- 12 to 240 VAC/DC and in 415 VAC 50/60 Hz
Time Range	- Run Time - 3-30 Sec., 6-60 Sec
Change Over Time	- 50 msec. (fixed), 100 msec (fixed)
Relay Output	- SPDT (Star) + SPDT (Delta)
Output Rating	- 5 A @ 250 VAC/30 VDC with resistive load



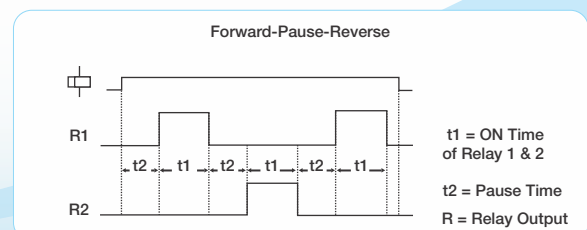
True Power Off Delay Analog Timer

Function Mode	- True Power OFF Delay
Operating Voltage	- 230 VAC, 50/60 Hz
Time Range	- 15 sec, 35 sec, 65 sec, 85 sec, 115 sec, 135 sec, 160 sec
Energizing Time	- 100 msec
Relay Output	- DPDT
Output Rating	- 5 A @ 250 VAC/30 VDC with resistive load



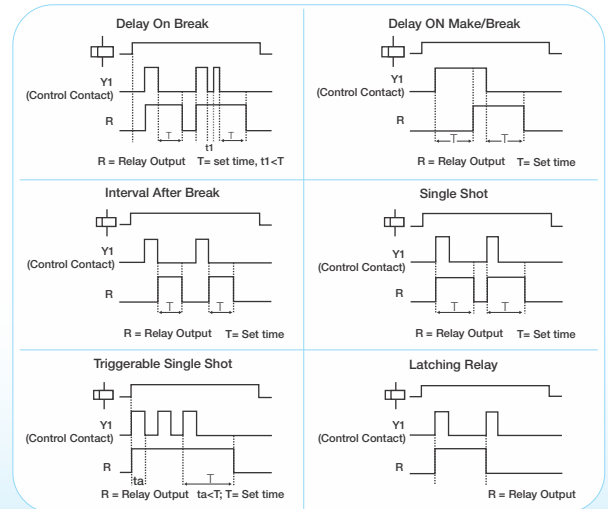
Reverse Pause Forward Analog Timer

Function Mode	- Reverse - Pause - Forward
Operating Voltage	- 12 to 240 VAC/DC, and in 415 VAC 50/60 Hz
Time Range	- On Time - 1/2/4/8/10 min
Off Time	- 10/20/40/80/100 sec
Relay Output	- 1 SPDT (Forward) + 1 SPDT (Reverse)
Output Rating	- 5 A @ 250 VAC/30 VDC with resistive load

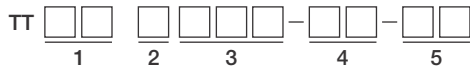


Multi Function Analog Timer

Function Mode	- ON Delay, Interval, Cyclic OFF First, Cyclic ON First, Delay ON Break, Delay ON Make/Break, Interval After Break, Single Shot, Triggerable Single Shot, Latching Relay
Operating Voltage	- 12 to 240 VAC/DC, 50/60 Hz
Time Range	- 0.1-1 Sec., 1-10 sec., 3-30 sec., 10-100 sec., 1-10 min., 3-30 min., 10-100 min., 30-300min., 1-10 hour, 3-30 hour
Number of Scale	- 1-10
Relay Output	- SPDT
Output Rating	- 5 A @ 250 VAC/30 VDC with resistive load



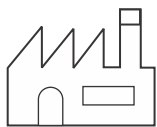
Model Number Legend



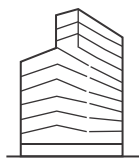
SN	DESCRIPTION	SYMBOL	MEANING
1	HOUSING SIZE	17	17.5 mm Housing Width
		22	22.5 mm Housing Width
2	INPUT SUPPLY TYPE	U	Universal Supply Voltage (AC/DC)
		A	Alternate current (AC)
		230	230 V
3	SUPPLY VOLTAGE RANGE	240	12-240 V
		415	415 V
		1S	SPDT
4	CONTROL OUTPUT	2S	DPDT
		MF	Multi Function
5	FUNCTION	OI	On Delay / Interval
		OO	Cyclic ON/OFF
		RF	Reverse Pause Forward
		SD	Star Delta
		OD	True Power OFF Delay
		IF	Interval Function 3.5 fixed

SN	FUNCTION	ARTICLE NO.	DESCRIPTION
1		011707066	TT22-U240-2S-OI
2		011707065	TT22-U240-1S-OI
3	ON Delay / Interval	011709067	TT22-A415-1S-OI
4		011709070	TT17-U240-2S-OI
5		011709057	TT17-U240-1S-OI
6		011707064	TT22-U240-2S-OO
7	Cyclic ON/OFF	011707063	TT22-U240-1S-OO
8		011709069	TT17-U240-2S-OO
9		011709056	TT17-U240-1S-OO
10		011707067	TT22-U240-1S-SD
11	Star Delta	011708403	TT22-A415-1S-SD
12		011709058	TT17-U240-1S-SD
13	True Power OFF Delay	011707308	TT22-A230-2S-OD
14		011707068	TT22-U240-1S-RF
15	Forward-Pause-Reverse	011709068	TT22-U415-1S-RF
16		011709059	TT17-U240-1S-RF
17	Multifunction	011707301	TT22-U240-1S-MF
18		011709060	TT17-U240-1S-MF
19	Interval Function with Control Contact	011709064	TT17-U240-1S-IF3.5

Application Area



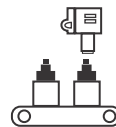
Industrial



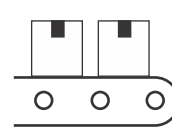
Building Automation



Lighting Control



Food Processing



Material Handling



OEM

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