



The Electro 11 pin plug-in range of control and timing devices are to be installed into a standard 11 pin base making installation easy and convenient.

type	time range	function	contact
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Multi-function (4 x functions) multi-range (4 x time ranges)

Multi-function multi-range plug in timers that includes all commonly used functions. Any change made to function or time range by means of front mounted dials will result in a reset of the unit.

TIME RANGE	TIME RANGE		function	contact
	A	B		
T2M*	1 0.3 - 6s	0.3 - 6m	On-delay Interval	10A DPDT
	2 3 - 60s	3 - 60m	Equal repeat	
	3 0.3 - 6m	0.3 - 6h	Interval (pulse controlled)	
	4 3 - 60m	3 - 60h	as above with instantaneous	

True off delay on de-energisation timer (delay on removal of supply)

Application of supply operates the relay. On removal of supply the pre-set time period begins, on lapse of time period the relay releases. If supply re-applied before relay releases the time period is reset and relay remains on until supply is removed again. Note: should not be operated by pulses shorter than 30 seconds

T2D*	3s, 10s, 30s, 60s, 180s, 380s	delay on release	10A SPDT
T2D/B*	10min, 30min, 60min, 180min	delay on release	10A SPDT

Note for pulses shorter than 30s + 30%, PT11/PT13 should be used.

Unequal repeating timer multi-range (for ON and OFF ranges)

Asymmetrical recycler timer with two independently adjustable time ranges. On application of supply the relay operates for the pre-set "on" time, thereafter the relay releases for the separately pre-set "off" time. Cycle repeats until supply is removed. Cycle can be reversed ("off" time first) by bridging terminals 7 and 9

- Unequal repeating timer (asymmetrical recycler independently adjustable ON time and OFF time)

TIME RANGE	TIME RANGE		function	contact
	A	B		
R2U*	1 0.3 - 6s	0.3 - 6m	unequal repeating timer	10A SPDT
	2 3 - 60s	3 - 60m		
	3 0.3 - 6m	0.3 - 6h		
	4 3 - 60m	3 - 60h		

Star-delta timer multi-range (for ON and OFF ranges)

Applying supply switches relay to "star" for the pre-set star period, on lapse of the star period the relays switches to a neutral "transition" position (4-180 msec) where after the relay switches to the "delta" position and remains there until supply is removed

TNE*	30s, 60s, 180s	star-delta timer	10A SPDT
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Defrost timer (with fan delay)

Configurable for 4-hour (defrost cycle every 4 hours) or 8 hour cycles. Application of supply starts the pre-select 1-60 min defrost cycle, thereafter the relay switches to the cooling cycle activating the pre-set 1-60 sec fan delay period (to prevent water splatter and warm air blowing into the room) and then starts the fan.

DEF1/F*	cycle: 4 or 8 hr defrost: 3-60 min fan: 3-60 sec	defrost timer	
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Other econo range timers

T10*	on-delay		10A SPDT
T30*	on-delay + instantaneous		10A SPDT
T11*	interval		10A SPDT
PT11*	pulsed controller multifunction timer	NPN	10A SPDT
PT13*	pulsed controller multifunction timer	PNP	10A SPDT
T1P	one-shot		10A SPDT
R1E*	equal repeating		10A SPDT
PCT1*	percentage timer		10A SPDT
FRT1*	forward / reverse		10A SPDT
TP2*	two shot timer		10A SPDT
SSF1	solid state flasher (95-240 VAC)		solid state

* Voltage: 12 VAC, 24 VAC, 48 VAC, 110 VAC, 230 VAC, 400 VAC, 525 VAC
12 VDC, 24 VDC, 48 VDC (other voltages available on request)