

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.



type	supply voltage*	time range	function	description	
		sec			
TNE30S024AD TNE30S110A TNE30S230A TNE30S400A	24V ACDC 110 VAC 230 VAC 400 VAC	30 30 30 30	star delta star delta star delta star delta	star delta timer star delta timer star delta timer star delta timer	
TNE60S024AD TNE60S230A TNE60S400A TNE180S230A	24V ACDC 230 VAC 400 VAC 230 VAC	60 60 60 180	star delta star delta star delta star delta	star delta timer star delta timer star delta timer star delta timer	

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 1-60sec fan delay period (to prevent water splatter and warm air blowing into the room) and then starts the fan.

Cycle: 4 or 8 hrDefrost: 3-60 minFan: 3-60 sec

DEF1/F230A 230 VAC timer – defrost timer



Econo range timers							
T10/10S230A	230 VAC	10	on-delay	econo on-delay timer			
T10/10S400A	400 VAC	10	on-delay	econo on-delay timer			
T10/30S230A	230 VAC	30	on-delay	econo on-delay timer			
T10/60S230A	230 VAC	60	on-delay	econo on-delay timer			
T10/180S024AD	24V ACDC	180	on-delay	econo on-delay timer			
T10/180S230A	230 VAC	180	on-delay	econo on-delay timer			
T10/360S024AD	24V ACDC	360	on-delay	econo on-delay timer			
T10/360S230A	230 VAC	360	on-delay	econo on-delay timer			
T10/360S400A	400 VAC	360	on-delay	econo on-delay timer			
T10/600S024AD	24V ACDC	600	on-delay	econo on-delay timer			
T10/600S230A	230 VAC	600	on-delay	econo on-delay timer			
T10/600S400A	400 VAC	600	on-delay	econo on-delay timer			
T10/600S525A	525 VAC	600	on-delay	econo on-delay timer			
T10/60M230A	230 VAC	60min	on-delay	econo on-delay timer			
T1IP/30S024AD	24V ACDC	30	interval	econo pulsed internal timer econo pulsed internal timer			
T1IP/30S230A	230 VAC	30	interval				
T1P/230A	230 VAC	-	one-shot	econo impulse relay			
PCT1/230A	230 VAC	-	timer	econo percentage timer econo percentage timer			
PCT1/400A	400 VAC	-	timer				
FRT1/230A	230 VAC	_	timer	econo forward/reverse timer			
TP2/230A	230 VAC	_	timer	econo two shot timer			
SSF1/230MV	95 - 240 VAC	_	timer	econo solid state flasher			
* Other voltage options available on request.							