

GT3S ALL-MULTI TIMERS [STAR-DELTA TYPE]

TYPES

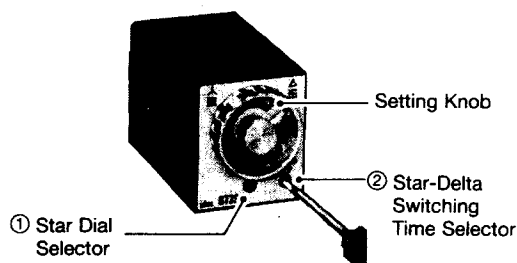
Operation Mode	Rated Voltage Code	Time Range	Output	Contact	Type No.	
					8-pin Type	11-pin Type
Star-Delta	AF20: 100 to 240V AC (50/60Hz)	Star: 0.05 to 100 sec Star-delta switching time: 0.05 sec 0.1 sec 0.25 sec 0.5 sec	250V AC/30V DC, 5A (resistive load)	Star: Delayed SPST-NO Delta: Delayed SPST-NO	GT3S-1AF20	GT3S-1EAF20
				Star: Delayed SPST-NO Delta: Delayed SPST-NO Instantaneous SPST-NO	GT3S-2AF20	GT3S-2EAF20

Note: Type No. including E represents 11-pin type, while Type No. without E represents 8-pin type.

TIME RANGES

① Star Dial Selector		② Star-Delta Switching Time Selector	
Dial	Time Range	Indication	Time
0 - 5	0.05 sec - 5 sec	0.05	0.05 sec
0 - 10	0.1 sec - 10 sec	0.1	0.1 sec
0 - 50	0.5 sec - 50 sec	0.25	0.25 sec
0 - 100	1 sec - 100 sec	0.5	0.5 sec

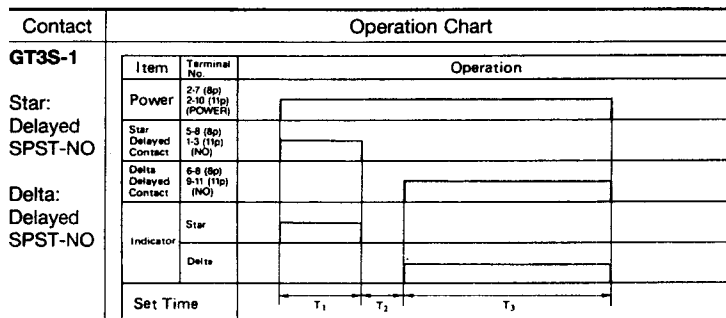
GT3S (Star-Delta Type)



• Switch Setting

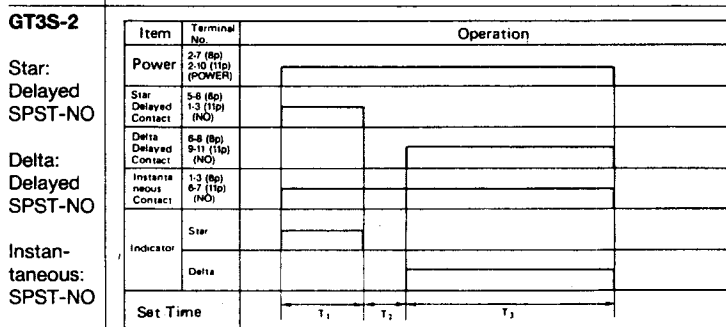
- (1) The switches should be securely turned using a flat screwdriver, 4mm wide maximum. Note that incomplete setting may cause malfunction. The switches, which do not turn infinitely, should not be turned beyond the limits.
- (2) Since changing the setting during timer operation may cause malfunction, power should be turned off before changing the setting.

OPERATION CHARTS



- The star delayed contact goes on when power is turned on and goes off after a set time for the star contact (T₁). The delta delayed contact goes on after star-delta switching time (T₂) and goes off when power is turned off.

T₁ = Star ON time (Set Time)
T₂ = Star-delta switching time
T₃ = Delta ON time



- The star delayed contact goes on when power is turned on and goes off after a set time for the star contact (T₁). The delta delayed contact goes on after star-delta switching time (T₂) and goes off when power is turned off.
- The instantaneous contact goes on when power is turned on and goes off when power is turned off.

T₁ = Star ON time (Set Time)
T₂ = Star-delta switching time
T₃ = Delta ON time