GT3P ALL-MULTI TIMERS [SEQUENCE TYPE] (DUTY RATIO VARIABLE)

TYPES

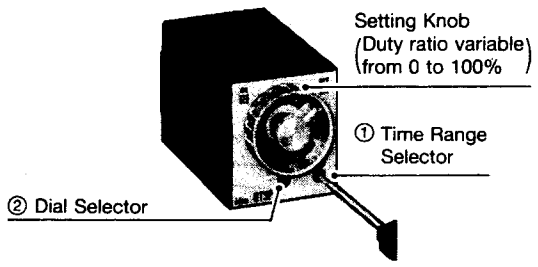
Operation Mode	Rated Voltage Code	Time Range	Duty Ratio	Output	Type No.	
					8-pin Type	11-pin Type
Sequence (Duty Ratio Variable)	AF20: 100 to 240V AC (50/60Hz) AD24: 24V AC (50/60Hz)/ 24V DC	0.01 sec to 10 min (See TIME RANGES for details.)	ON time in one cycle 0 to 100% variable	Triac output (one circuit) 240V AC, 0.6A	GT3P-2AF20	GT3P-2EAF20
					GT3P-2AD24	GT3P-2EAD24
				Transistor output (one circuit) 28V DC, 100mA	GT3P-4AF20	GT3P-4EAF20
					GT3P-4AD24	GT3P-4EAD24

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

TIME RANGES

② Dial	2.5	5	7.5	10
Duty Ratio / ① Range	0 to 100% variable			
0.1S	0.01(0) sec – 0.25(∞) sec	0.01(0) sec – 0.5(∞) sec	0.02(0) sec – 0.75(∞) sec	0.02(0) sec – 1(∞) sec
1S	0.05(0) sec – 0.25(∞) sec	0.1(0) sec – 5(∞) sec	0.15(0) sec – 7.5(∞) sec	0.2(0) sec – 10(∞) sec
10S	0.5(0) sec – 25(∞) sec	1(0) sec – 50(∞) sec	1.5(0) sec – 75(∞) sec	2(0) sec – 100(∞) sec
1M	3(0) sec – 2.5(∞) min	6(0) sec – 5(∞) min	9(0) sec – 7.5(∞) min	12(0) sec – 10(∞) min

GT3P [Sequence Type (Duty Ratio Variable)]

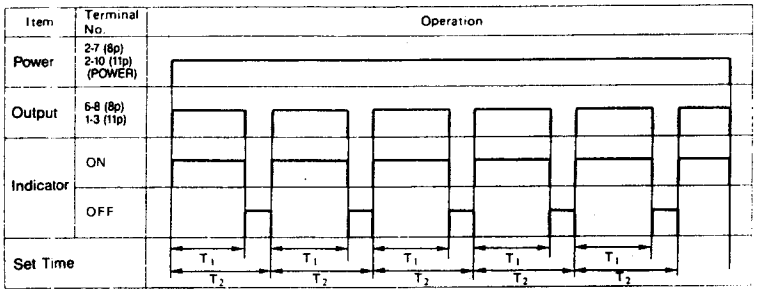


• Switch Setting

(1) The switches should be securely turned using a flat screwdriver, 4 mm 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.

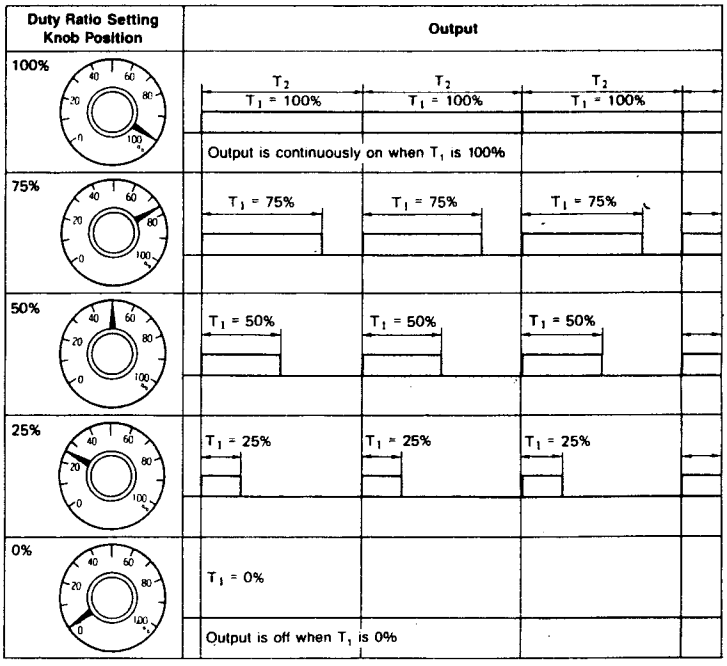
OPERATION CHARTS



• While power is on, the output is on during T_1 and is off during $T_2 - T_1$.

• $T_1 = T_2 \times \frac{\text{Preset Duty Ratio}}{100}$, T_2 = Preset Time for One Cycle

• Relationship between Duty Ratio Setting Knob and Output



• The duty ratio varies from 0 to 100% infinitely.

Note: The setting knob should be turned to the extremes for continuous output or no output.