

DT25 : STANDARD TIMER



- ❖ Universal supply voltage : 20 ~ 265 V AC/DC
- ❖ 2 digit display
- ❖ 0.1 seconds to 990 hours
- ❖ 9 user selectable ranges
- ❖ 4 user selectable modes
- ❖ Incrementing / decrementing display
- ❖ ± 0.01% quartz crystal accuracy

SPECIFICATIONS

PROGRAMMABLE PARAMETERS

Range	See Table 1
Setpoints	Independently selectable for t1 & t2
Units	t1 & t2 - See Fig 1 Seconds / Minutes / Hours, Independently selectable for t1 & t2
Resolution	See Table 1
Control functions	Independently selectable for t1 & t2 See Fig 1 ON delay Interval C1 (Relay ON at power ON) C2 (Relay OFF at power ON)
Direction	Up (Incrementing) Down (Decrementing)
Program lock	On, Off

ELECTRICAL, MECHANICAL

Display	2 digit, 0.39", 7 - segment red LED
Accuracy	0.01% of set-time ±1 display count
Timing start delay (after application of power)	0.05 seconds max
Reset time (minimum)	50 milliseconds
Relay	Relay 1, 1 x NO-C-NC
Relay contact rating	5 A/230 V AC, resistive
User programming	2 keys and display
Program memory	Non-volatile
Reset	Front panel key
Supply voltage	20~265 V AC/DC
Dimensions (in mm)	80(H) x 25(W) x 85(D)
Mounting	Snap-on for 35 mm DIN rail to DIN 46277

TABLE 1

RANGE NO	RANGE	RESOLUTION
1	9.9 s	0.1 s
2	99 s	1 s
3	990 s	10 s
4	9.9 m	0.1 m
5	99 m	1 m
6	990 m	10 m
7	9.9 h	0.1 h
8	99 h	1 h
9	990 h	10 h

CONTROL FUNCTIONS

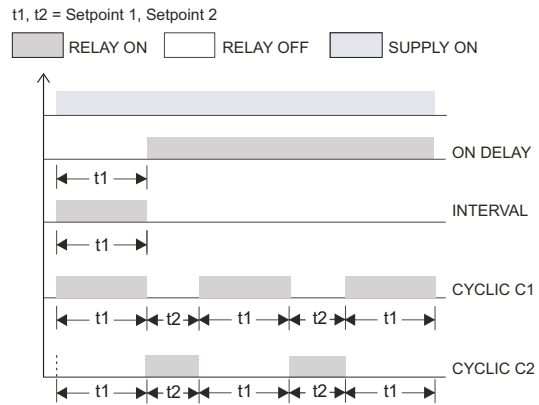


FIG 1

DT25 : 9-STEP TIMER

SPECIFICATIONS

As for DT25 - Standard Timer except those given below

PROGRAMMABLE PARAMETERS

Start	P.O (Power on start) Pb (Push button switch start)
Setpoints	9
ELECTRICAL	
Relay	Relay 1, 1 x NO-C-NC

CONTROL FUNCTION

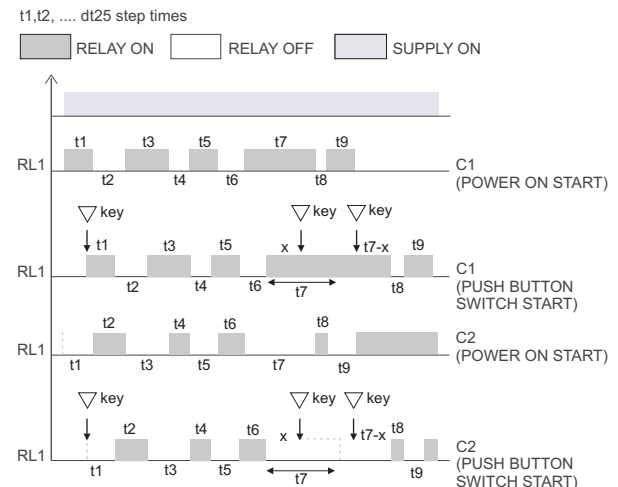
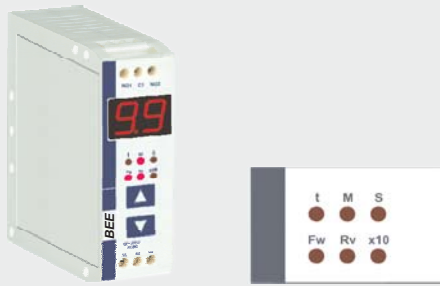


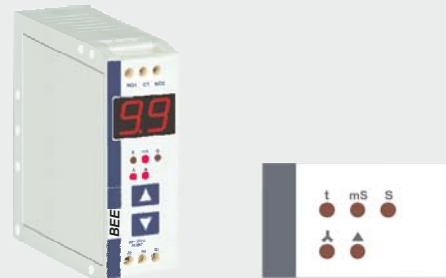
FIG 2

STANDARD, STAR-DELTA, FORWARD-REVERSE, 9-STEP

DT25 : FORWARD - REVERSE TIMER



DT25 : STAR-DELTA TIMER



SPECIFICATIONS

As for DT25 - Standard Timer except those given below

PROGRAMMABLE PARAMETERS

Range

Setpoints
See Fig 3

Units

See Table 2
a) Forward setpoint
b) Reverse setpoint
c) Pause setpoint
Seconds / Minutes, independent for each setpoint

ELECTRICAL

Relays

Relay 1, 1 x NO-C (Forward)
Relay 2, 1 x NO-C (Reverse)

SPECIFICATIONS

As for DT25 - Standard Timer except those given below

PROGRAMMABLE PARAMETERS

Star setpoint (t2)

0~99 seconds - See Fig 4

Delta pause setpoint (t1)

40~99 milliseconds - See Fig 4

ELECTRICAL

Relays

Relay 1, 1 x NO-C (Star)

CONTROL FUNCTION

t1 = DELTA PAUSE SETPOINT
t2 = STAR SETPOINT

TABLE 2

RANGE	UNIT	RESOLUTION
9.9	S	0.1
99	S	1
990	S	10
9.9	M	0.1
99	M	1
990	M	10

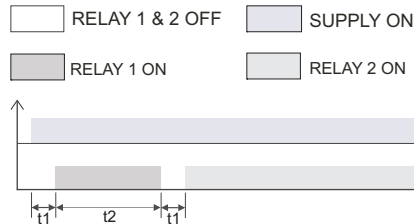
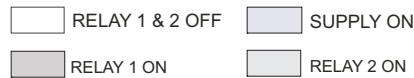


FIG 4

CONTROL FUNCTION



tf = FORWARD SETPOINT tr = REVERSE SETPOINT td = PAUSE SETPOINT

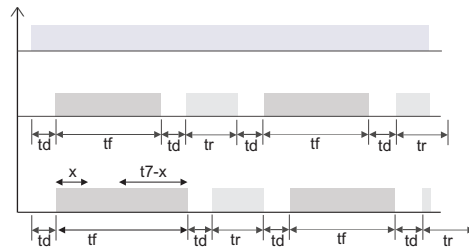


FIG 3

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