Thumbwheel, Multifunction Timers

DXT53



48 x 48mm

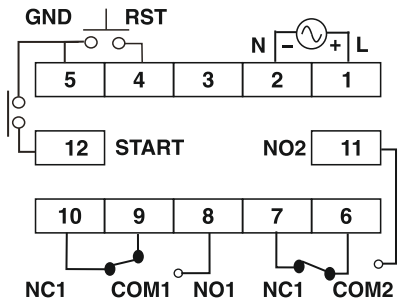
Features :

- 3 digits, 7 segment LED Timer
- Single set point
- On delay/ Interval
- 2 Relay (SPDT)
- 7 Time ranges
- Down counting

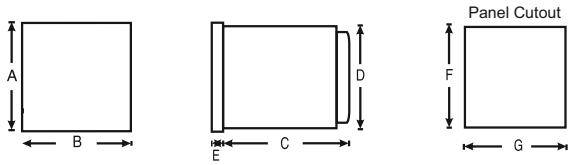
Technical specifications

Display specifications	
Display	3 digits, 7 segment LED Timer
LED Indication	Relay status
Input specifications	
Start input	Pulse start
Accuracy	± 0.05% of F.S. or 50msec (whichever is greater)
Output specifications	
Contact rating	Relay: NO: 10A 250 VAC/ 24 VDC NO/ NC: 5A/ 5A 250 VAC/ 24 VDC
Relay contact	2X SPDT
Functional specifications	
Time ranges	9.99, 99.9, 999 sec, 99.9, 999 min, 99.9, 999 hr
Modes	ON delay/ Interval
Resolution	0.01 sec
Counting direction	Down
Set point	1
Time setting	Pushwheel
Reset	Front, Remote, On power interruption
Memory retention	No
Auxiliary supply specifications	
Supply voltage	90 to 270 VAC/ DC (50/ 60Hz)
Environment specifications	
Temperature	Operating: 0 to 50°C; Storage: - 5 to 75°C
Humidity (non - condensing)	5VA max @270 VAC/ DC
Mechanical specifications	
Mounting	Panel mount
Weight	120gms

Terminal connections

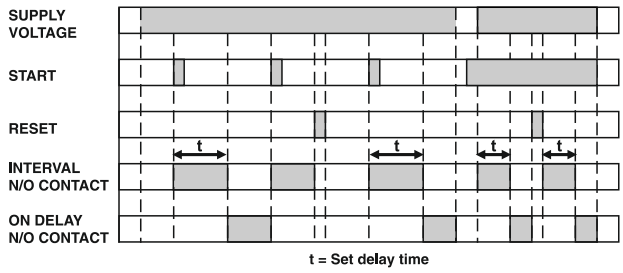


Dimensions (All are in mm)



MODELS / DIM	A	B	C	D	E	F	G
DXT53	52	52	76	45	3.5	46	46

Timing diagrams



DIP Switch setting for mode selection

MODE	SW 1
ON DELAY	OFF
INTERVAL	ON

DIP SWITCH SETTINGS FOR TIME RANGE

RANGE	SW2	SW3	SW4
9.99 sec	OFF	OFF	OFF
99.9 sec	OFF	OFF	ON
999 sec	OFF	ON	OFF
99.9 min	OFF	ON	ON
999 min	ON	OFF	OFF
99.9 hr	ON	OFF	ON
999 hr	ON	ON	ON

DIP SWITCH SETTING EXAMPLE



Mode - INTERVAL

Range - 99.9 Sec.

NOTE : DIP switch for range and mode settings is on the side of the Instrument.

Ordering information

Product code	Output1	Output2	Supply voltage	Certification
DXT53	RELAY (5A)	RELAY (5A)	90 to 270 VAC/ DC	- - -