



Multifunction Timer

MDT-17U

APPLICATIONS

Electrical Appliances

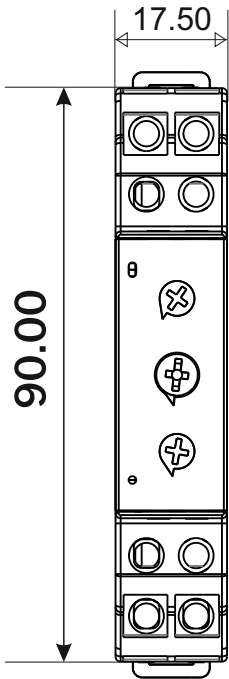
Control of Lights, Fan, Heaters

Automation panels

Special purpose machine

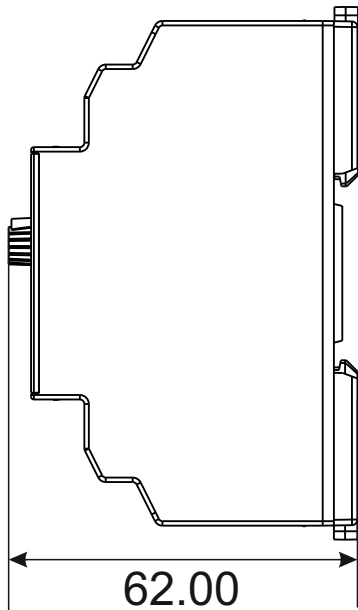
Air conditioning - HVAC

Mechanical Dimensions



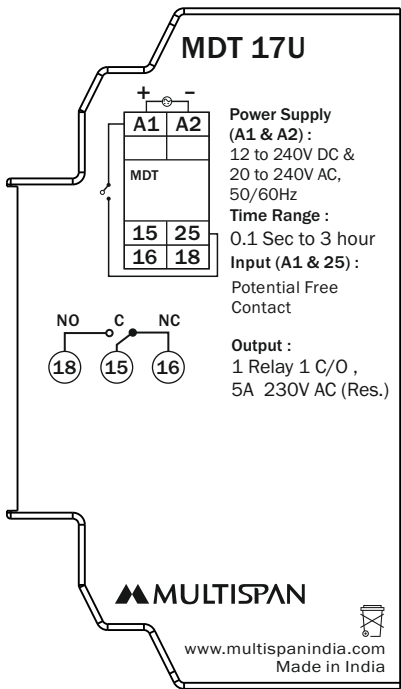
FRONT VIEW

All dimensions are in mm

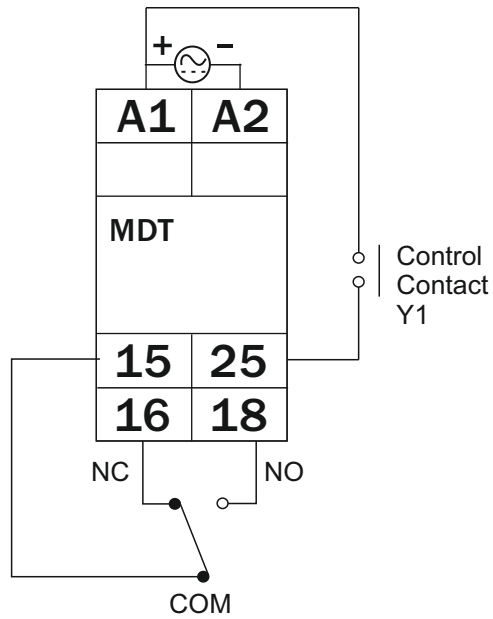


RIGHT SIDE VIEW

Connection Diagram



Terminal Connection



TECHNICAL DATA

Modes	On delay Interval Cyclic equal Off First Cyclic equal On first Pulse output, 500ms fixed Delay On break Delay on make / Delay on break Interval after break Single shot Retriggerable single shot Latching relay
Time Range	0.1-1sec, 0.3-3sec, 1-10sec, 3-30sec, 0.1-1min, 0.3-3min, 1-10min, 3-30min, 0.1-1hr, 0.3-3hr
Resolution	0.1sec
Reset	On power interruption Reset time < 100m sec

INPUT

Input	A1 & 25 Terminal Potential Free Contact
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OUTPUT

Relay contact	1 Relay 1C/O
Contact Rating	5@250V AC, Resistive Load

DISPLAY INDICATION

LED	Main LED, Relay LED
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SUPPLY VOLTAGE

Auxiliary Supply	12 to 240V DC & 20 to 240V AC, 50/60Hz
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Environmental Characteristics

Working Temperature	0 to 55 °C
Storage Temperature	0 to 70 °C
Relative Humidity	95% RH Non-condensing
Protection (As per Request)	IP-65 (Front Side)

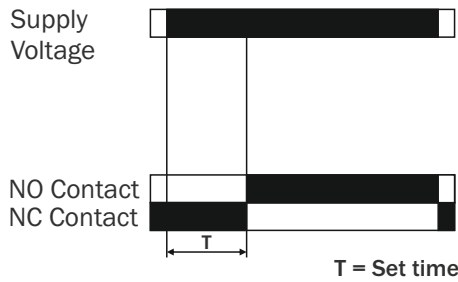
Mechanical Characteristics

Mounting Type	Din Rail
Bezel (HXW)	90 x 17.5
Depth of Installation	62
Material Body	Polycarbonate (PC)
Terminal Screw Size	M3.5
Screw Torque (N.m)	1
Wire Gauge (AWG)	26-14
Accessories	1 Pair of Mounting Clamps

TIMING DIAGRAM

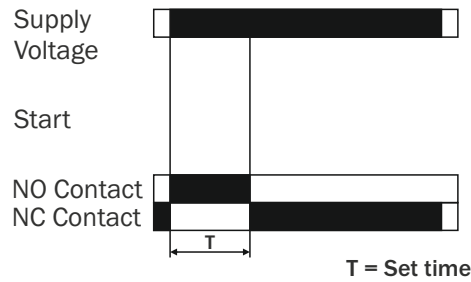
(A)

Function: ON Delay



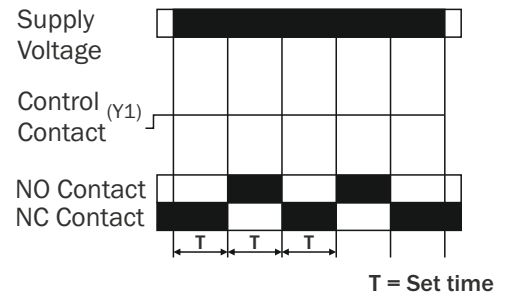
(B)

Function: Interval



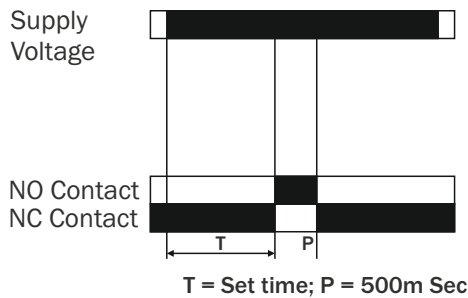
(C)

Function: Cyclic equal Off first
With Input



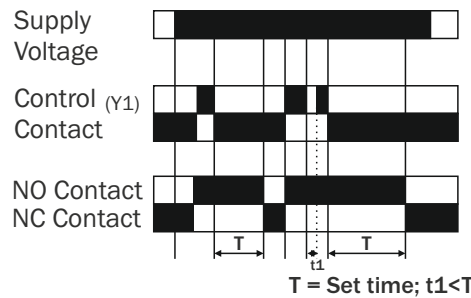
(D)

Function: Pulse Output

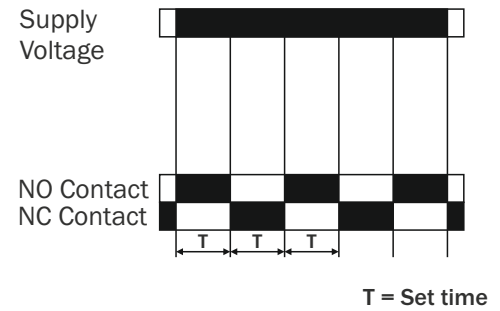


(E)

Function: Delay On break

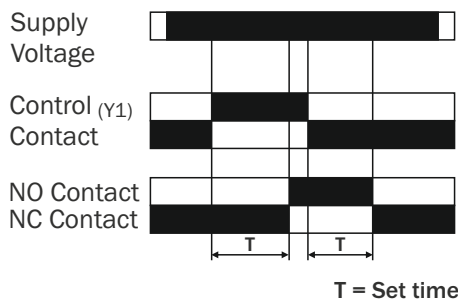


Function: Cyclic equal On first
Without Input



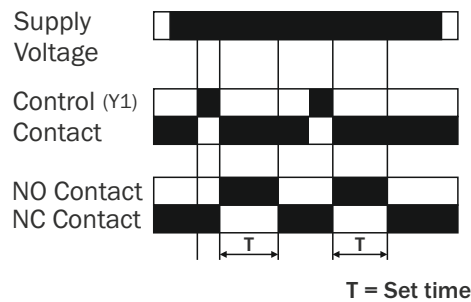
(F)

Function: Delay On make/break



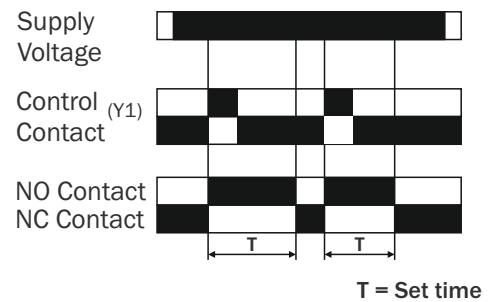
(G)

Function: Interval after break



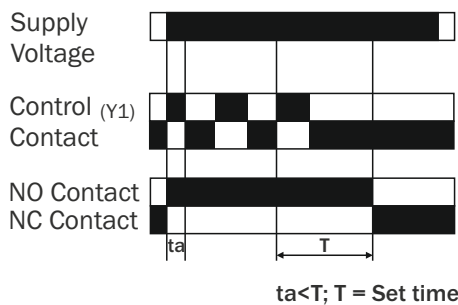
(H)

Function: Single shot



(I)

Function: Retriggerable single shot



(J)

Function: Latching relay

