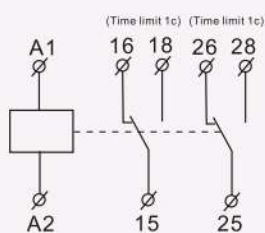


Output Operation Mode

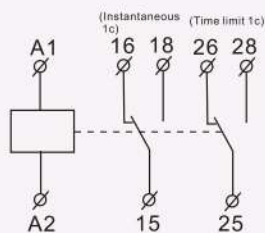
A	Power A1-A2 Time limit contact N. C. 15-16 (25-26) Time limit contact N. O. 15-18 (25-28) Time limit output indicator Operation/Power indicator	
A1	Power A1-A2 Time limit contact N. C. 25-26 Time limit contact N. O. 25-28 Instantaneous contact N. C. 15-16 Instantaneous contact N. O. 15-18 Time limit output indicator Operation/Power indicator	 ※One-shot output is 0.5sec fixed.
B	Power A1-A2 Time limit contact N. C. 25-26 Time limit contact N. O. 25-28 Instantaneous contact N. C. 15-16 Instantaneous contact N. O. 15-18 Time limit output indicator Operation/Power indicator	
F	Power A1-A2 Time limit contact N. C. 15-16 (25-26) Time limit contact N. O. 15-18 (25-28) Time limit output indicator Operation/Power indicator	
F1	Power A1-A2 Time limit contact N. C. 25-26 Time limit contact N. O. 25-28 Instantaneous contact N. C. 15-16 Instantaneous contact N. O. 15-18 Time limit output indicator Operation/Power indicator	
I	Power A1-A2 Time limit contact N. C. 25-26 Time limit contact N. O. 25-28 Instantaneous contact N. C. 15-16 Instantaneous contact N. O. 15-18 Time limit output indicator Operation/Power indicator	

Wiring Diagram

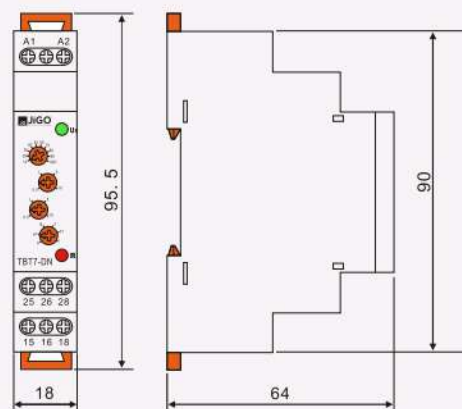
- When selecting [A],[F] output operation mode



- When selecting[A1],[B],[F1],[I] output operation mode



Dimensions(mm)



MULTI-FUNCTION TIME RELAY

General

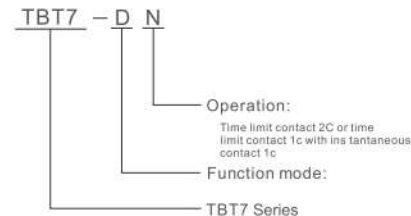
Applications

- TBT7-DN multifunction time relay have 6 kinds of time delay functions, wide time range from 0.05Sec~100 hours.
- Multifunction time relay can be used for electrical appliances, control of lights, heating, motors, pumps, and fans etc.

Function Features

- Comfortable and well-arranged function and Wide time-range 0.1s~100Hours, 6 functions.
- Can choose multi input voltage AC/DC24-240V.
- Relay status is indicated by LED.
- 1-MODULE, DIN rail mounting.

Model and connotation



TBT7-DN

Technical parameters

	TBT7-DN
Function	A.A1.B.F.F1.I.
Supply terminals	A1-A2
Voltage range	AC/DC24-240V(50-60Hz)
Burden	AC0.7-3VAC/DC0.5-1.7W
Supply voltage tolerance	-15%;+10%
Reset time	Max.200ms
Timing operation	Power ON Start way
Contact type	Time limit contact DPDT(2C) or time limit contact SPDT(1C) with instantaneous contact SPDT(1C) by selecting output operation mode.
Contact capacity	250VAC 5A Impedance load
Repeat error	Less than±0.2%±10ms
Time deviation	Less than±5%±50ms
Voltage error	Less than±0.5%
Temperature coefficient	0.05%/°C,at=20°C(0.05°F= at 68°F)
Insulation resistance	100MΩ(500VDCmge)
Dielectric strength	2,000VAC 50/60Hz 1Minute
Operating temperature	-20°Cto+55°C (-4°F to 131°F)
Storage temperature	-35°Cto+75°C (-22°F to 167°F)
Supply indication	LED
Mechanical life	1×10 ⁷
Dimensions	95.5×18×64mm
Weight	W240-96g,A230-95g

Time Specifications

Time range	Time setting range	Time range	Time setting range
0.5s	0.05~0.5s	0.5h	0.05~0.5h
1.0s	0.1~1s	1.0h	0.1~1h
5s	0.5~5s	5h	0.5~5h
10s	1~10s	10h	1~10h
0.5m	0.05~0.5m	0.5×10h	0.05~0.5h
1.0m	0.1~1m	1.0×10h	0.1~1h
5m	0.5~5m	5×10h	0.5~5h
10m	1~10m	10×10h	1~10h