



NTE8 Time Delay Relay

1. General

NTE8 series time delay relay is mainly used as the time control element to connect or disconnect the circuits according to the predetermined time in control circuits with AC 50Hz/60Hz, rated control power voltage up to 415V and DC rated control power voltage up to 24V. Standards: IEC 60947-5-1

2. Type designation

NTE8-□

- A: Off-delay
 - B: On-delay
 - C: Trigger interval-delay
 - J: Interval-delay
 - Y: Star-delta starting delay
 - M1: On-delay (multi-gear)
 - M2: Multi delay modes (multi-gear)
- Design sequence No.

Time delay relay

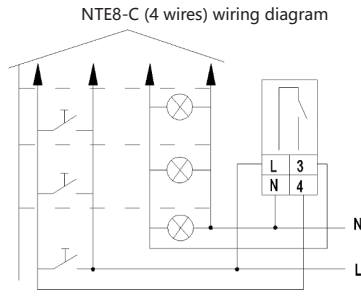
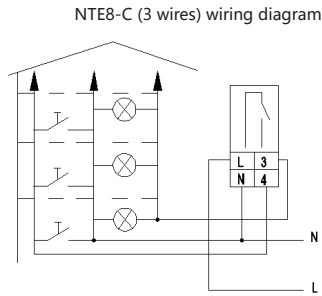
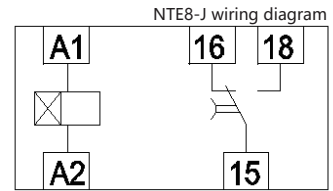
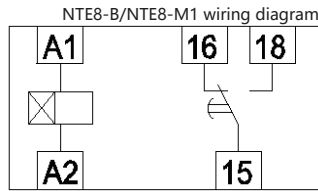
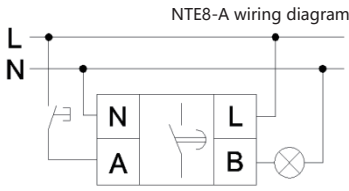
Enterprise features code

Note: NTE8-M2 delay type: A, H, C, W, Di, D, B

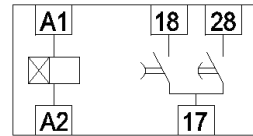
3. Technical data

Model	NTE8-A	NTE8-B	NTE8-J	NTE8-Y	NTE8-M1	NTE8-M2	NTE8-C
Working mode	Off-delay	On-delay	Interval-delay	Star-delta starting delay	On-delay (multi-gear)	Multi delay modes (multi-gear)	Trigger interval-delay
Delay range		0.1s ~ 5s 1s ~ 10s 3s ~ 30s 6s ~ 60s 12s ~ 120s 18s ~ 180s 36s ~ 360s 48s ~ 480s 0.5min ~ 5min 1min ~ 10min 3min ~ 30min 6min ~ 60min 12min ~ 120min 18min ~ 180min 36min ~ 360min 48min ~ 480min		0.5s ~ 5s 1s ~ 10s 3s ~ 30s 6s ~ 60s 0.2min ~ 2min 0.3min ~ 3min 0.5min ~ 5min 1min ~ 10min 2min ~ 20min (Star delta conversion 20ms ~ 300ms)	0.1s ~ 1s 1s ~ 10s 0.1min ~ 1min 1min ~ 10min 0.1h ~ 1h 1h ~ 10h 0.1d ~ 1d 1d ~ 10d (multi-gear)	0.1s ~ 1s 1s ~ 10s 10s ~ 100s 1min ~ 10min 10min ~ 100min 1h ~ 10h 10h ~ 100h (multi-gear)	0.5min ~ 20min
Rated control supply voltage U_s (V), frequency (Hz)	AC24V, AC110V, AC220V, AC230V, AC240V, AC380V, AC400V, AC415V, 50Hz/60Hz; DC24V			AC220V, AC230V, AC240V, AC380V, AC400V, AC415V, 50Hz/60Hz	AC36V, AC110V, AC220V, AC230V, AC240V, AC380V, AC400V, AC415V, 50Hz/60Hz; DC24V	AC110V, AC220V, AC230V, AC240V, AC380V, AC400V, AC415V, 50Hz/60Hz; DC24V	AC110V, AC220V, AC230V, AC240V, 50Hz/60Hz
Allowable fluctuation range of rated control power supply voltage	85% U_s ~ 110% U_s						
Number of contacts	1 group of normally open	1 group of change-over	1 group of change-over	2 group of normally open	1 group of change-over	1 group of change-over	1 group of normally open
Electrical life/mechanical life (10000 times)	Ue/Ie: AC-15 240V/0.75A, 415V/0.47A; DC-13 220V/0.27A; Ith: 5A						Ue/Ie: AC-15 240V/3A, 415V/1.9A; DC-13 24V/1.1A; Ith: 10A
Electrical life / mechanical life (10,000 times)	10/100						
Setting error	Relative value of setting error \leq 10%						
Reset time	\leq 1s						
Ambient temperature	-5°C ~ +40°C						
Installation method	Guide rail type						

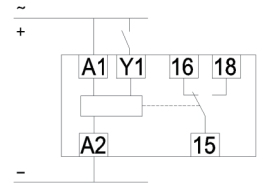
4. Wiring diagram



NTE8-Y wiring diagram



NTE8-M2 wiring diagram

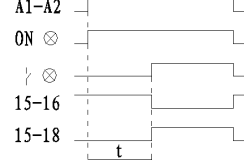


5. Time sequence chart

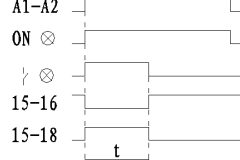
NTE8-A time sequence chart



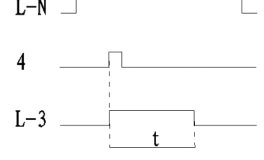
NTE8-B time sequence chart



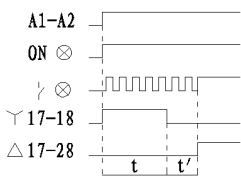
NTE8-J time sequence chart



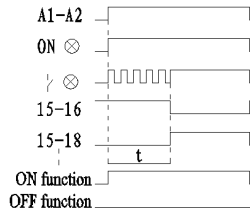
NTE8-C time sequence chart



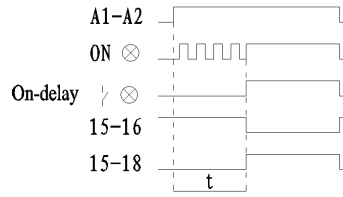
NTE8-Y time sequence chart



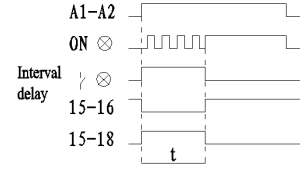
NTE8-M1 time sequence chart



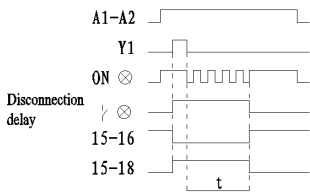
type A delay time sequence chart



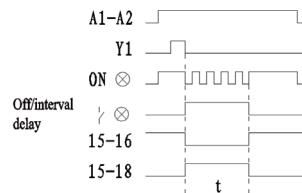
type H delay time sequence chart



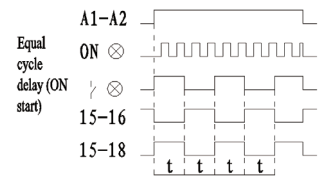
type C delay time sequence chart



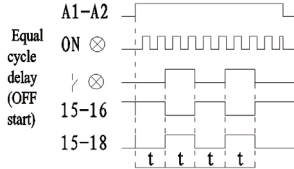
type W delay time sequence chart



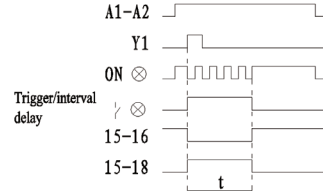
type Di delay time sequence chart



type D delay time sequence chart



type B delay time sequence chart



6. Overall and mounting dimensions (mm)

