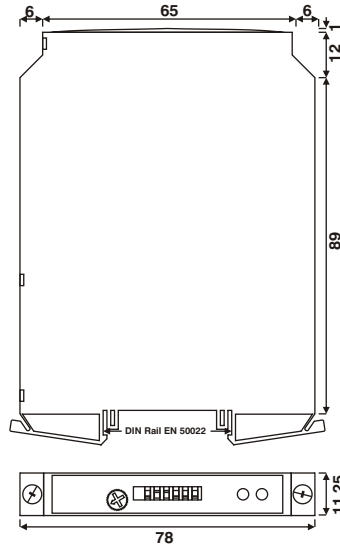


# HSB TIMER

## SMR-220B

- Multi-function Timer
- Contact Protection relay
- Impulse Timer
- 3-Phase Monitoring Relay
  - Over/-Under Voltage
  - Over/-Under Frequency
  - Phase Asymmetry Control
  - Phase Sequence Control
- Current-Voltage control relay
- Measurement Transducer
- Motor Thermal Protection Relay
- Coupling Relay
- Liquid Level Relay
- Isolation Transducer
- 5 Year Guarantee
- ISO 9001
- Made in Germany
- 0.2% Repetitive accuracy (Timers)
- Only 11.25mm wide
- 24VAC/DC & 230VAC

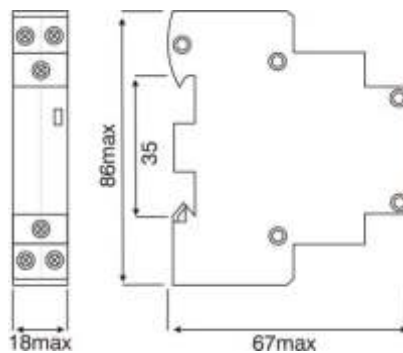
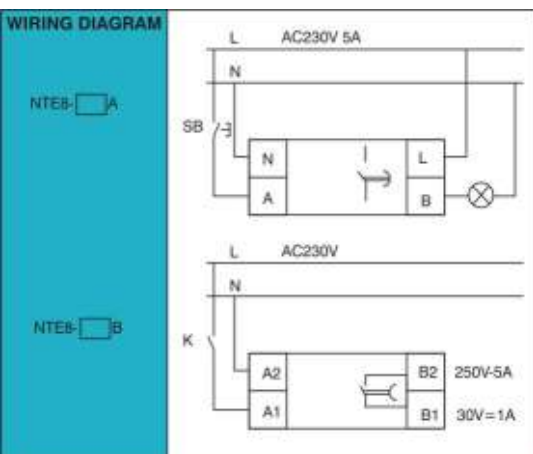


# CHINT ELECTRONIC TIMING RELAY

The product is mainly applicable to a circuit of 50Hz/60Hz, rated voltage 230V and current up to 5A, used to operate a controlled element at a predetermined time in an automatic or semi-automatic control system.

## MAIN TECHNICAL PARAMETER

Rated voltage	AC 230V, 50/60Hz
Rated current	5A
Insulation resistor	> 1.5M
Insulation strength	Between circuit and erection guide rail: AC 2000V 1min Between normal open contacts AC 690V 1 min
Rated power consumption	< 1W
Electric lifetime	1x10 <sup>5</sup> times
Protection grade of enclosure	IP41
Pollution grade	Grade2



Model	Number of contacts	Rated current	Rated voltage	Time delay range	Time delay class
NTE8-480A	Normal open 1	5A	AC230V	30s-480s	De-energizing time delay
NTE8-480B	Normal open 1	5A	AC230V	30s-480s	Energizing time delay
NTE8-10B	Normal open 1	5A	AC230V	0.1s-10s	Energizing time delay
NTE8-120B	Normal open 1	5A	AC230V	10s-120s	Energizing time delay