

TECHNICAL SPECIFICATION

Time relay “star/delta” TE 19



Description:

The time relay is manufactured under the most modern methods of qualitative and reliable materials. The timer is adjusted for DIN-rail mounting. It is used to provide reliable and safe time hold at “star/delta” starters and it is used for setting fixed time intervals. Programming is done through selection of the time unit (seconds or minutes) and rate (x 0.1 or x1) by the slide switches, and then selection of a value from the timer knob (from 0 to 10). Whenever timer circuit receives a signal, it executes the set cycle and then stops until a new signal is available. It gives possibility for time adjustment for motor unwinding in star up to 600s and time change to delta according to the consumer’s need.

Technical data:

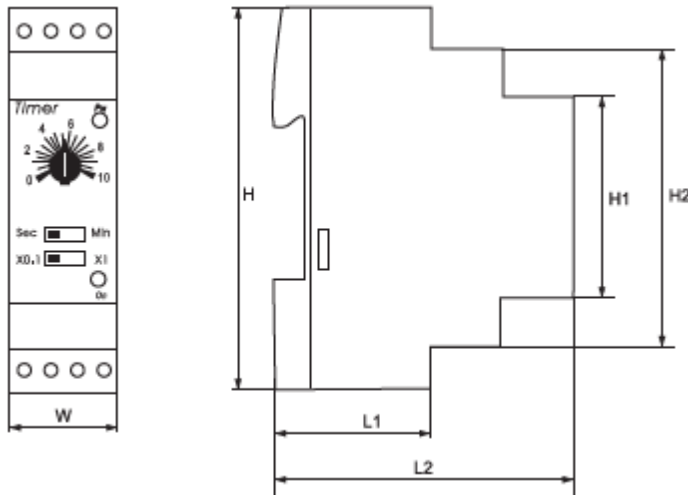
- Power supply voltage: 230V; 50Hz
- Adjustment range for operation in star: 1 to 600 seconds
- Repetition accuracy: $\pm 5\%$ from the whole scale
- Adjustment accuracy: $\pm 5\%$ from the whole scale
- Zeroing time: $< 0.5s$
- Power consumption: $< 5VA$
- Electrical wear resistance: 100 000 cycles

- Mechanical wear resistance: 1 000 000 cycles
- Operating temperature: -10 ÷ +65°C
- Humidity: 45 – 85%RH
- Commutating capacity: up to 5A
- Indication:
 - at operation in “star”: red indication
 - at operation in “delta”: green indication
- Weight: 150g

Mounting:

- DIN-rail

Dimensions:



H	W	L1	L2	H1	H2
85	24	34	66	45	60

Type	Packing / Box (pcs)	Catalogue number
TE 19	1 / 200	50102

Standards: EN 61812-1:2011
EN 60730-2-7:2010

