

<b>DHC19-Y</b>	<b>Star-Delta Timer</b>	<b>DHC19-Y</b>
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This unit is designed to provide a simple, economical and reliable operation for Star - Delta induction motor starters.

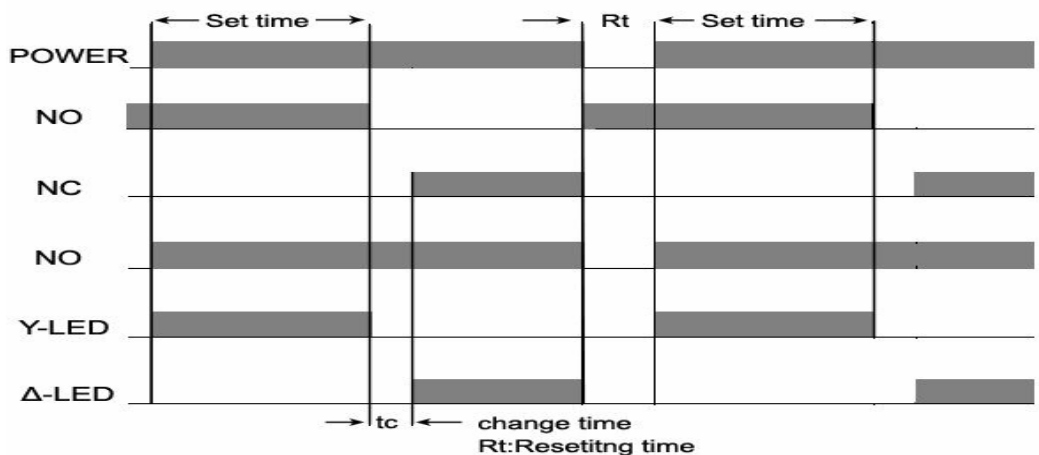
DIN rail Mounting

- Specially designed for Induction Motor starting
- Change time(0.1~0.5sec) from star(Y) to delta( $\Delta$ ) is according to the requirement of the user
- Short release time, suitable for fast repeat operation
- Process indications: Green LED for delta operation, Red LED for star operation.
- Front adjustable knob for star time: 1sec~100 sec
- Simple Star-Delta Starter Wiring.

**■ SPECIFICATION**

● Rated Voltages	AC 220V 50/60Hz (AC 110V 230V 240V optional).
● AC power consumption	Approx. 3 watts.
● Adjustable star(Y) time delay	1 to 10/100 seconds control output.
● Fixed Transition time (star to delta)	0.1 seconds.
● Repeat Accuracy	$\pm 0.5\%$ of full scale.
● Setting Accuracy	$\pm 5\%$ of full scale.
● Reset Time	Less than 0.5 sec.
● Control Output	1 C/O, 5A 250V AC, 1 Relay.
● Mechanical Life	1,000,000 operations.
● Electrical Life	100,000 operations at rated load.
● Ambient Temperature	-10°C to 55°C
● Ambient Humidity	45~85% RH
● Weight	Approx. 150g
● Indication	Green LED for delta operation, Red LED for star operation, center LED for power status.

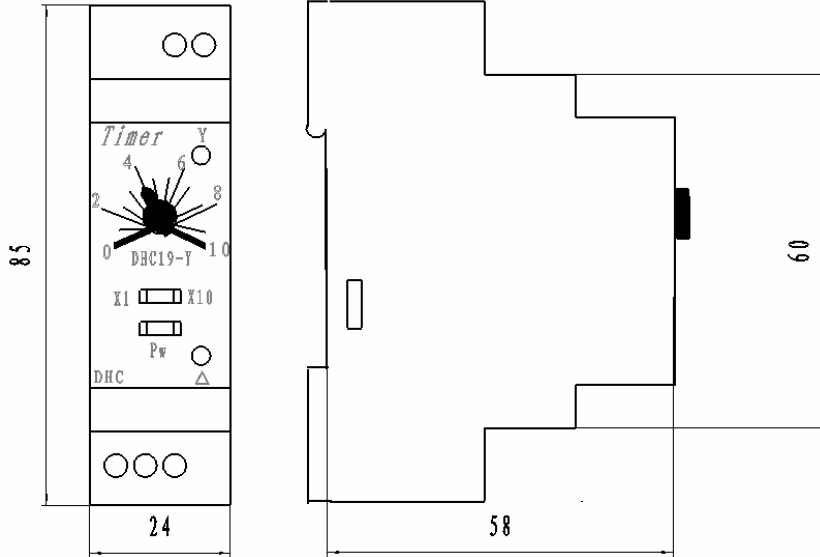
**■ OPERATION CHART**



Time Range

TIME SWITCH	TIME RANGE
x 1	1S~10S
x 10	1S~100S

## ■ MOUNTING & DIMENSION



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