

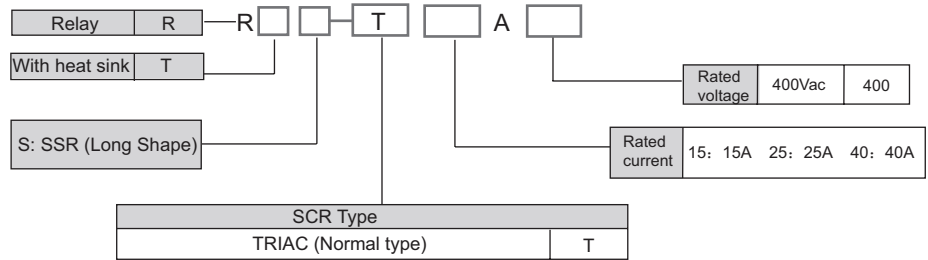
RTST series Long Shape Solid State Relay



Features:

- ⊙ High Power Imported SCR as element.
- ⊙ Long Shape European Style.
- ⊙ Standard DIN Rail for mounting.

Code Illustration



Ordering Code

RTS (Toky) Enhanced SSR

Model	Equipped Heat Sink	Control Signal	Dimension	Rated Voltage	Activating Type	Fuse I ² T	Rated Current
RTS-T-15A400	M24L80	5-32VDC	24mm*80mm	480V	Zero Cross	72A ² S	15A
RTS-T-25A400	M35L80		35mm*80mm			350A ² S	25A
RTS-T-40A400	M60L80		60mm*80mm			450A ² S	40A

Accessories (Heat Sink)

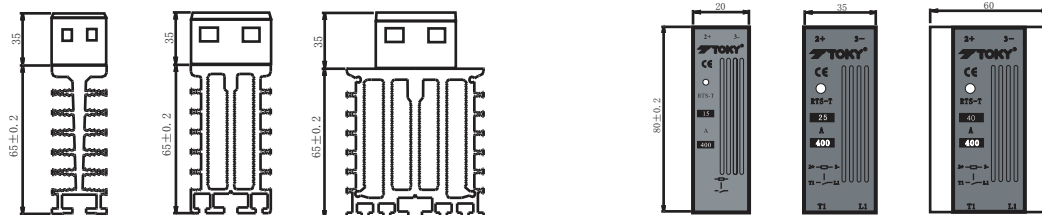
15-25A	M24L80	24x80x65	25-40A	M35L80	35x80x65	40-80A	M60L60	60x60x65
	M24L100	24x100x65		M35L100	35x100x65		M60L80	60x80x65
							M60L100	60x100x65

Technical Specification

Load Type	AC	Active Range for Zero Cross type SSR	±15V
Inrush current (1 cycle)	700%	Insulation Voltage	≥2000VAC
DVS/DT	500V/μS	Ambient Temperature	-30°C - +75°C
DVC/DT	100V/μS	Max. Active Delay for Zero Cross type SSR	10ms
Voltage drop when active	<2V	Max. Inactive Delay	10ms

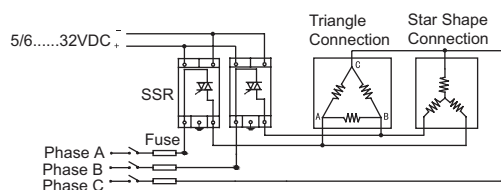
Note: DVS/DT means static voltage raise rate.
DVC/DT means dynamic voltage raise rate.

Dimension

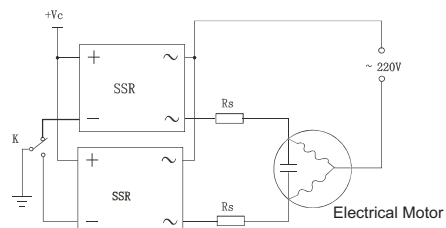


Connection Drawing

1. Heating Control



2. Single Phase AC Motor Positive and Negative Rotation Control



The time between the positive and negative rotation must be bigger than 20ms.
The value of the resistance which is used for limiting current is equal to 30/I_{ssr}, i.e.,
Rs=30/I_{ssr}
I_{ssr} is the current level of the SSR which users choose.