



HOKKIM
Giving You Control

Control & Protection Relays

Model : TSS

Description : Modular Stepper Switches

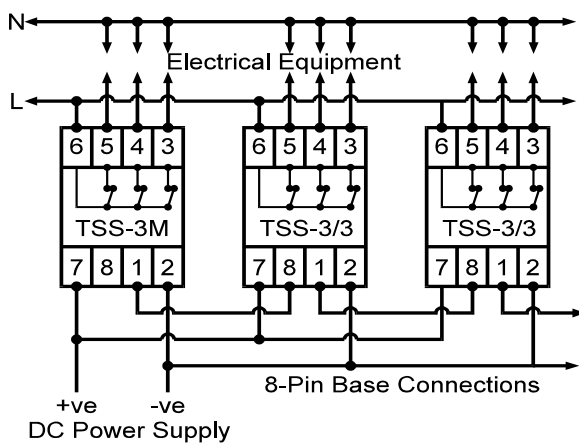
Utilization:

The TSS is a system of modular electronic stepper switches consisting of the following modules: TSS-3M, TSS-3/1, TSS-3/2 and TSS-3/3. Each module consists of 1 to 3 stepper switches in a compact 8-pin plug type casing. It is designed for starting a series of starters, for air-conditioners, exhaust fans and similar electrical equipment, at fixed time delayed intervals one after another to avoid surges in the mains.

The TSS-3M is the master module with 3 switches. The other modules, TSS-3/1, TSS-3/2 or TSS-3/3, can be daisy-chained to the TSS-3M as shown in the wiring diagram below to attain the required number of switching steps.

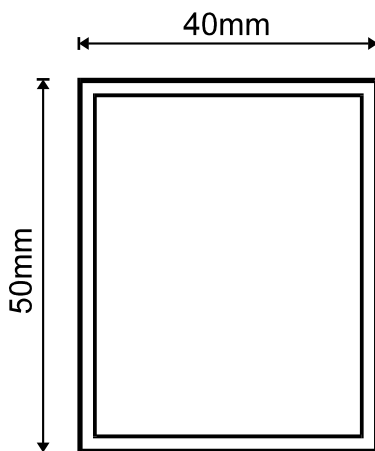
The TSS will reset itself automatically upon a power failure and start switching on from the first step when power resumes.

Owing to its modular design in plug type casings, any faulty TSS module can be readily and economically replaced.



Technical Data

Supply Voltage	: □12VDC □24VDC
Consumption	: 0.5 VA per step
On Response Time	: 100 ms
Off Response Time	: 100 ms
Step-to-Step Delay	: 10 s *
Indication (1st module)	: Green LED - Power ON Red LED - Relay Switch ON
Indication (subsequent modules)	: Red LED - Relay Switch ON
Output Contacts	: 5A 240V 50Hz AC1
Dimensions	: The TSS module is 40 x 50 x 58mm high and plugged into 8-pin sockets mounted on standard DIN Rail.

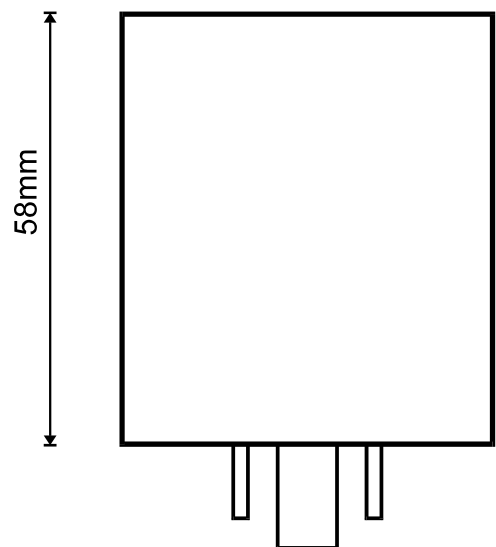


Dimensions

Top View



Front View



Side View