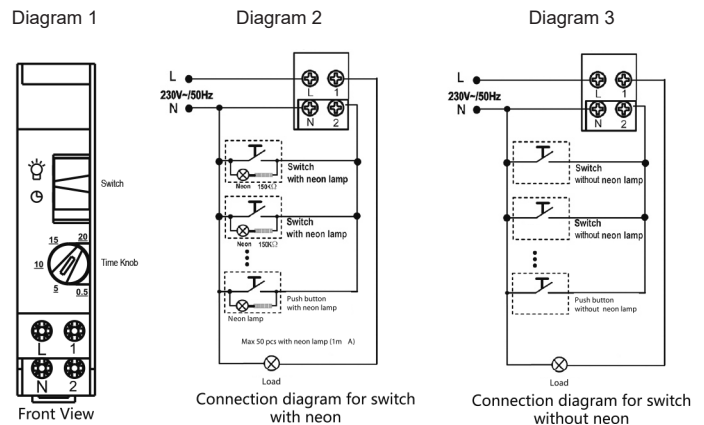**STAG**

- Countdown from 30 secs. to 20 mins.
- Electronic Overload Protection
- Toggle switch for permanent light
- External push switch control
- Designed for use with TS35 DIN Rail

Technical Data

Rated Operating Voltage:			230VAC
Voltage Tolerance:			220-240VAC
Frequency Range:			50-60Hz (common use)
Power Consumption:			1W
Drive Method:			Quartz Controlled Stepping Motor
Cycle:			20 minutes
Time Precision:			±3 sec./day at 22°C
LOAD	Contact Capacity:	Resistive Load	16A, max. 3680W
		Inductive Load	230V, 4A cos φ =0.4
		Energy Saving Lamp	90W
		LED Lamp <2W	20W
		LED Lamp 2-8W	55W
		LED Lamp >8W	70W
		Incandescent/ Halogen Lamp 230V	2300W
		Flouresenent Lamp	2300W
	Switch Construction:		SPST
	Manual ON/AUTO		ON / AUTO switch
SETTING	Present Time Setting:		Turn dial to set time
	Countdown:		20 mins. - 30 secs.
	Accuracy:		0-20 mins.: ±150 secs. 0-30 secs.: ±3 secs.
Protection Rating:			IP20
Ambient Temperature:			-10 to +55°C
Ambient Humidity:			Max. 85% RH
Weight:			Approx. 80g

Parts Identification & Wiring Diagram

Diagram 1 — Front View

Diagram 2 — Connection diagram for switch with neon

Diagram 3 — Connection diagram for switch without neon

Instructions for Use

This time switch has been designed specifically to switch off a particular circuit with a countdown period from 30 seconds to 20 minutes. Additionally, it can be used as a normal ON/OFF switch.

The SST-5-1C Staircase Time Switch allows for multiple switches to be connected, either with or without a neon lamp, in different locations for easier control.

1. Mounting the Timer

Mount the timer in a suitable enclosure with TS35 (35mm) DIN Rail. Simply hook the timer on to the DIN Rail and push down until you hear a click. The timer is now attached to the DIN Rail. To remove the timer, pull down on the catch located on the bottom of the timer and pull the bottom of the timer toward you, then simply lift upwards.

2. Connecting and Setting the Timer

Connect the wires as indicated in Diagram 2 for neon lamp operation, or Diagram 3 for operation without a neon lamp.

a) Set the ON/AUTO switch to the ☼ position for continuous operation.

b) Turn the time dial to the desired countdown time (from 30 seconds to 20 minutes).

c) Set the switch to the ⏲ position for AUTO. This sets the time switch in to standby mode ready for operation.

d) Countdown is initiated ⊕ according to the set time when the designated light switch is pressed.

Any number of lamps can be connected providing the total current does not exceed the maximum load of 150mA. There is no restriction to the number of connections without lamp.

NOTE:

When the timer countdown has been initiated, neither the pushbutton nor time dial are active.

The timer countdown can only be overridden by switching the ON/AUTO switch from ☼ position and back to the ⏲ position.