

Delay OFF without supply voltage time relay STT-OD

Instruction Manual



General

■ Applications

- Back-up source for Delay OFF in case of voltage failure (emergency lighting, emergency respirator, or protection of el. controlled doors - in case of fire).

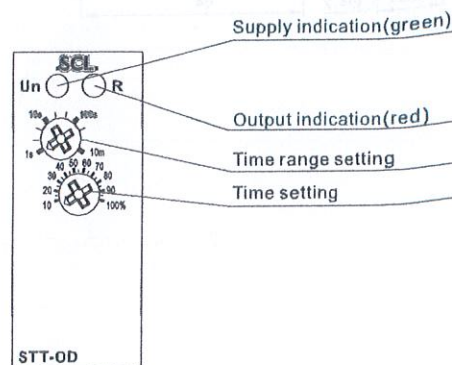
■ Function Features

- Time range (adjustable by rotary switch and fine setting by potentiometer): 0.1 s - 10 min.
- Voltage range: AC/DC 12-240V, clamp terminals.
- Relay status is indicated by LED.
- 1-MODULE, DIN rail mounting.

Technical parameters

Technical parameters	STT-OD
Function	Delay OFF without supply power
Supply terminals	A1-A2
Voltage range	AC/DC 12-240V(50-60Hz)
Burden	AC 0.09-3VA/DC 0.05-1.5W
Supply voltage tolerance	-15%;+10%
Supply indication	green LED
Time ranges	0.1s-10min
Time setting	potentionmeter
Time deviation	10%-mechanical setting
Repeat accuracy	0.2%-set value stability
Minimum power time	3s
Temperature coecient	0.05%/°C, at=20°C(0.05°F, at=68°F)
Output	1×SPDT
Current rating	16A/AC1
Switching voltage	250VAC/24VDC
Min.breaking capacity DC	500mW
Output indication	red LED
Mechanical life	1×10 ⁶
Electrical life(AC1)	5×10 ⁴
Reset time	max.200ms
Operating temperature	-20°C to +55°C (-4°F to 131°F)
Storage temperature	-35°C to +75°C (-22°F to 158°F)
Mounting/DIN rail	Din rail EN/IEC 60715
Protection degree	IP40 for front panel/IP20 terminals
Operating position	any
Overvoltage cathegory	III.
Pollution degree	2
Max.cable size(mm²)	solid wire max.1×2.5 or 2×1.5/with sleeve max.1×2.5 (AWG 12)
Dimensions	90×18×64mm
Weight	66g
Standards	EN 61812-1, IEC60947-5-1

Panel Diagram



Wiring Diagram

