Staircase switch RT8-LM
Instruction Manual



General

■Applications
-It is used for delayed switching of lights in the corridors, entrances, stairways, halls or for delayed fi nish of fans (WC, bathroom, etc.).

■Function Features
-10 functional modes
-It has zero crossing switching ability.
-Voltage range: AC 230 V, clamp terminals.
- Relay status is indicated by LED.
- 1-MODULE,DIN rail mounting.

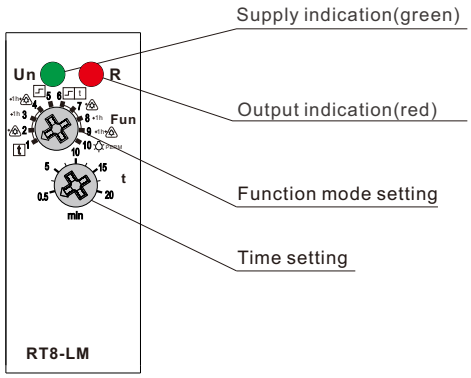
■Model and connotation

RT8 −LM / □
- Rated control supply voltage: A230:AC230V
- Stairase Switch
- RT8 Series

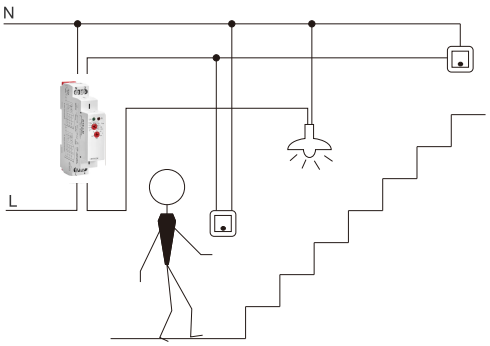
Technical parameters

Technical parameters	RT8-LM
Function	delay off reacting to contact switching
Supply terminals	L-N
Voltage range	AC 230V(50-60Hz)
Power input	AC max.6VA/1.3W
Supply voltage tolerance	-15%;+10%
Supply indication	green LED
Time ranges	0.5s-20min
Time setting	potentionmeter
Time deviation	10%-mechanical setting
Repeat accuracy	0.2%-set value stability
Mininum power time	200ms
Glow tubes connetions	Yes(N-3 or L-3)
Max.amount of glow lamps	230V,max.75pcs(Measured with glow lamp 0.68mA/230V AC)
Temperature coecient	0.05%/℃,at=20℃(0.05%℉ , at=68℉)
Output	1×SPST
Current rating	16A/AC1
Switching voltage	250VAC/24VDC
Min.breaking capacity DC	500mW
Output indication	red LED
Mechanical life	1×10^7
Electrical life(AC1)	1×10^5
Reset time	max.200ms
Operating temperature	-20℃ to +55℃ (-4℉ to 131℉)
Storage temperature	-35℃ to +75℃ (-22℉ to 158℉)
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(mm^2)	solid wire max.1×2. 5or 2×1. 5/with sleeve max.1×2. 5(AWG 12)
Tightening torque	0.8Nm
Dimensions	90×18×64mm
Weight	70g
Standards	EN 61812-1,IEC 60669-2-3,IEC60947-5-1

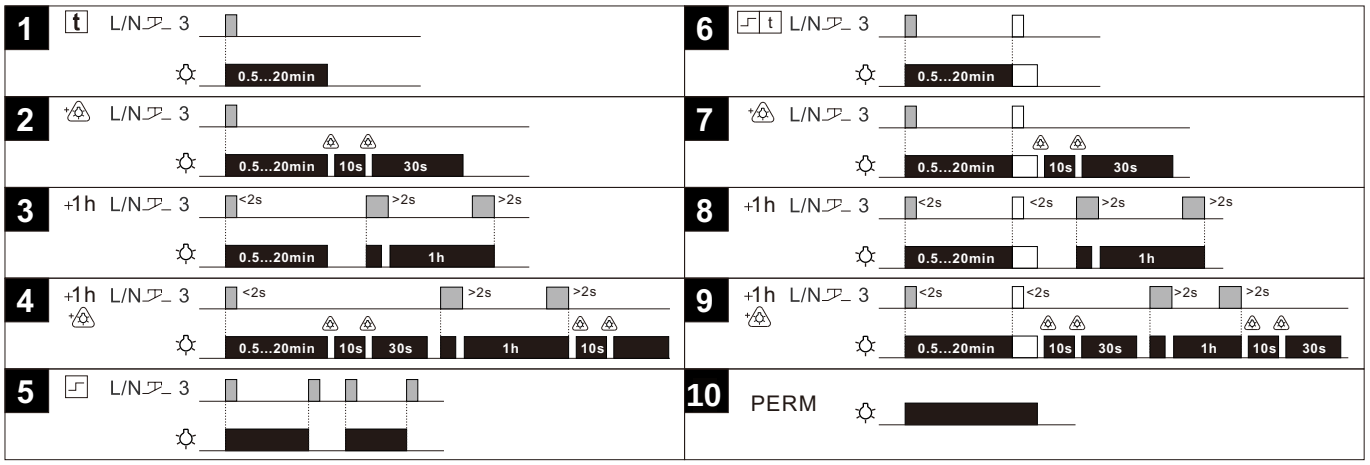
Panel Diagram



Example



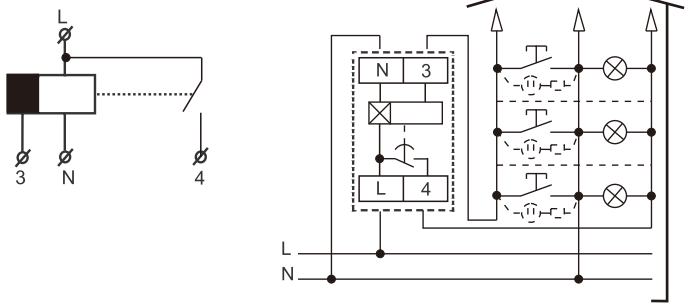
Functions Diagram



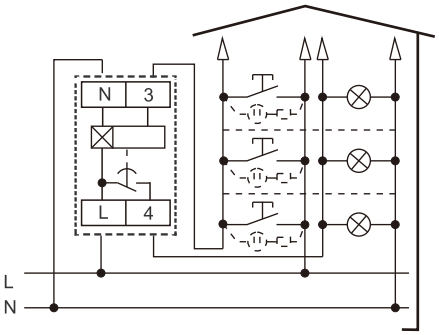
Wiring Diagram



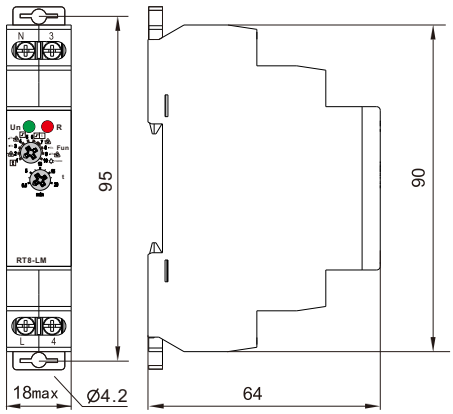
3-wire connection



4-wire connection



Dimensions(mm)



Types of lamps

Incandescent	3600W
Halogen lamp	3600W
Fluorescent, corrected, in series	1000W
Fluorescent, corrected, in paralle	900W(125uF)
Compact fluorescent	400W
LED lamps(＜2W)	55W
LED lamps(＞2W)	600W

Disposal of Electrical Waste
All electrical waste should be disposed of in compliance with current WEEE regulations.

Caution
The products must be installed by qualified electricians. All and any electrical connections of the product shall comply with the appropriate safety standards.