

Controlling Switches

Memory & Latching Relay LNM8-01/02



Output	Function	Type	Article Number	QNT/CTN(pcs)	G/N.W/CTN(kg)	MEAS(cm)
A230:AC 230V(50/60HZ)						
1XSPDT	01	LNM8-01A230	LNM8A1A230	200	17/16	53. 5x26x33
2XSPDT	02	LNM8-01A230	LNM8A2A230	200	17/16	53. 5x26x33
W240:AC/DC 12V-240V(50/60HZ)						
1XSPDT	01	LNM8-01W240	LNM801W240	200	17/16	53. 5x26x33
2XSPDT	02	LNM8-01W240	LNM802W240	200	17/16	53. 5x26x33

•Applications
 latching relay, controlled by buttons from several locations can replace three way switches or cross bar switches thanks to control by buttons(un-limited number,connected inparallel by 2 wires),installation gets more transparent and faster for mounting.

•Function Features
 -Voltage range: AC 230 V,AC/DC12V-240V clamp terminals.
 - Relay status is indicated by LED.
 - 1-MODULE, DIN rail mounting.

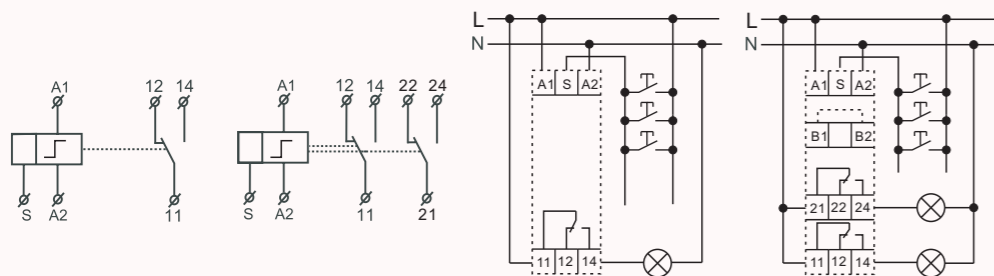
•Model and connotation
 LNM8 - 01 / □
 Rated control supply voltage:
 A230:AC230V
 W240:AC/DC12V-240V
 Number of contacts:
 1:1×SPDT
 2:2×SPDT
 LNM8 series memory & latching relays

Technical Data

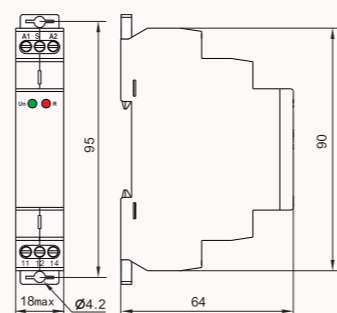
Technical Parameters

	LNM8-01	LNM8-02		
Number of function	1	2	Min. breaking capacity DC	500mW
Supply terminals	A1-A2		Output indication	red LED
Voltage range	AC/DC 12-240V(50-60Hz)		Mechanical life	1×10 ⁷
Burden	AC 0.7-3VA/DC 0.5-1.7W		Electrical life(AC1)	1×10 ⁶
Voltage range	AC 230V(50-60Hz)		Reset time	max.200ms
Power input	AC max.12VA/1.3W A1 : max.12VA/1.9W		Operating temperature	-20°C to +55°C (-4°F to 131°F)
Supply voltage tolerance	-15%;+10%		Storage temperature	-35°C to +75°C (-22°F to 158°F)
Supply indication	green LED		Mounting/DIN rail	Din rail EN/IEC 60715
Control terminals	A1-S		Protection degree	IP40 for front panel/IP20 terminals
Glow tubes connctions	Voltage range: AC 230V Yes(A1-S)		Operating position	any
Max.amount of glow lamps	230V,max.75 pcs(Measured with glow lamp 0.68mA/230V AC)		Overvoltage category	III.
Impulse length	min.25ms		Pollution degree	2
Temperature coecient	0.05%/°C, at=20°C(0.05%°F , at=68°F)		Max.cable size(mm ²)	solid wire max.1×2. 5or 2×1. 5/ with sleeve max.1×2. 5(AWG 12)
Output	1×SPDT	2×SPDT	Dimensions	90×18×64mm
Current rating	16A/ AC1		Weight	1×SPDT: W240-58g,A230-57g 2×SPDT: W240-79g,A230-77g
Switching voltage	250VAC/24VDC		Standards	IEC/EN 61810-1,IEC/EN61010-1

Wiring Diagram

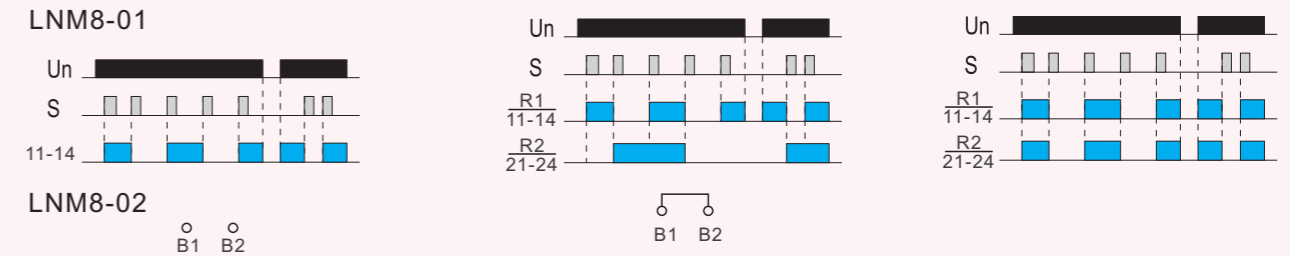


Dimensions(mm)



Technical Data

Functions Diagram



Example

Example of lighting system which allows control of light intensity by actuating one of the sections R1 and R2 from any location in the room.

