

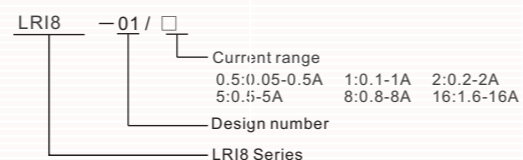
Current Monitoring Relay LNI8-01



Output	Function	Type	Article Number	QNT/CTN(pcs)	G/N.W/CTN(kg)	MEAS(cm)
AC 24V-240V(50/60HZ) / DC 24V(50/60HZ)						
1XSPDT	0.05-0.5A	LNT8-010.5	LNT8010.5	200	17/16	53. 5x26x33
1XSPDT	0.1-1A	LNT8-011	LNT8011	200	17/16	53. 5x26x33
1XSPDT	0.2-2A	LNT8-012	LNT8012	200	17/16	53. 5x26x33
1XSPDT	0.5-5A	LNT8-015	LNT8015	200	17/16	53. 5x26x33
1XSPDT	0.8-8A	LNT8-018	LNT8018	200	17/16	53. 5x26x33
1XSPDT	1.6-16A	LNT8-0116	LNT80116	200	17/16	53. 5x26x33

- Applications
Serves for monitoring of heating in rail-switches, heating cables, consumption of one-phase motors, indicates current flow.
- Function Features
 - Adjustable delay 0.5 - 10 s to eliminate short current peaks.
 - Flexible adjustment by potentiometer, choice of 6 ranges:
 - AC 0.05-0.5A; AC 0.1-1A;
 - AC 0.2-2A; AC 0.5-5A;
 - AC 0.8-8A; AC 1.6-16A
 - Possible to use for current scanning from current transformer.
 - Universal supply AC 24 - 240 V and DC 24 V.
 - Relay status is indicated by LED.
 - 1-MODULE,DIN rail mounting.

•Model and connotation

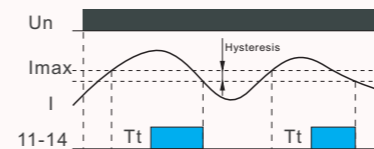


Technical Data

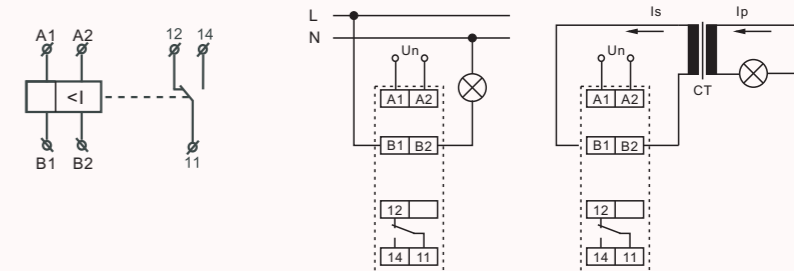
Technical Parameters

LNI8-01			
Function	Monitoring current	Current rating	10A/AC1
Supply terminals	A1-A2	Switching voltage	250VAC/24VDC
Rated supply voltage	AC 24V-240V or DC 24V	Min.breaking capacity DC	500mW
Rated supply frequency	50/60Hz,0	Output indication	red LED
Burden	max.1.5VA	Mechanical life	1×10 ⁷
Supply voltage tolerance	-15%;+10%	Electrical life(AC1)	1×10 ⁶
Current range	0.5A,1A,2A,5A,8A,16A	Operating temperature	-20°C to +55°C (-4°F to 131°F)
Current adjustment	potentiometer	Storage temperature	-35°C to +75°C (-22°F to 158°F)
Time delay	adjustable 0.5-10 s	Mounting/DIN rail	Din rail EN/IEC 60715
Supply indication	green LED	Protection degree	IP40 for front panel/IP20 terminals
Setting accuracy	5 %	Operating position	any
Repeat accuracy	<1 %	Overvoltage category	III.
Temperature dependancy	< 0.1 % /°C	Pollution degree	2
Limit values tolerance	5 % (10% for 0.05-0.5A range)	Max.cable size(mm ²)	solid wire max.1×2. 5or 2×1. 5/ with sleeve max.1×2. 5(AWG 12)
Hysteresis	5 %	Dimensions	90×18×64mm
Temperature coecient	0.05%/°C,at=20°C(0.05%°F , at=68°F)	Weight	62g
Output	1×SPDT	Standards	IEC/EN 62055-1,IEC/EN61010-1

Functions Diagram



Wiring Diagram



Dimensions(mm)

