TMLSL

TIME RELAY FOR STAIRCASE LIGHTING WITH "ZERO CROSSING" LOAD SWITCHING, MODULAR VERSION, 220...240VAC



Product designation				Time relay
Product type designation				TMLSL
Number of DIN modules				1
General characteristics				
Description				Staircase illumination, Single scale, Single voltage
Function				Staircase lighting
Supply circuit				
Rated auxiliary supply voltage Us				220…240VAC
Rated auxiliary supply voltage Us				
	AC			
		min	VAC	220
		Max	VAC	240
Rated frequency			Hz	50/60
Operating voltage range				0.85...1.1 Us
Timing circuit				
Time setting range				0.5…20min
External command input				
		Minimum ON time	ms	≥60
Relay outputs				
Number of relays			Nr.	1
Contact arrangement				1 delayed N/O
Maximum switching voltage			VAC	250
IEC Conventional free air thermal current Ith			A	16
Insulation (input-output)				
Rated insulation voltage Ui			V	250
Rated impulse withstand voltage Uimp			kV	4
Power frequency withstand voltage			kV	2
Connections				
Terminals type				Screw
Tightening torque (Max)				
		Tightening torque Max	Nm	0.8
		Tightening torque Max	Ibin	7 / 7...9 UL
Conductor section				
	AWG/Kcmil			
		min		24...12
		max		12...18
	IEC			
		min	mm²	0.2
		max	mm²	4
Operations				
Mechanical life			cycles	30000000
Electrical life (with rated load)			cycles	100000

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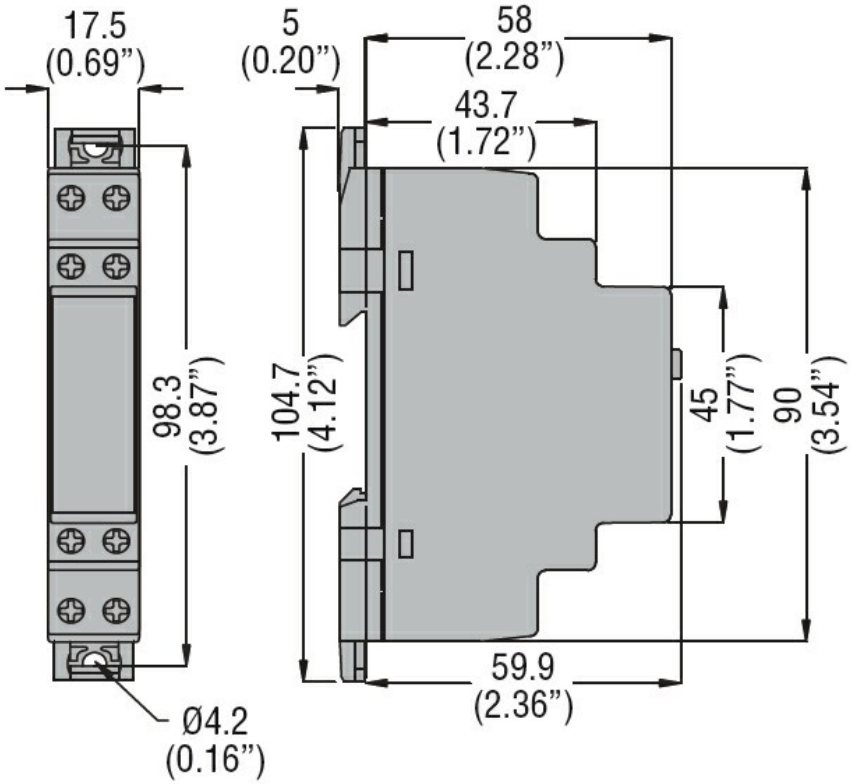
Ambient conditions

Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+60
	Storage temperature			
		min	°C	-30
		max	°C	+80
Relative humidity			%	<90%
Maximum Pollution degree				2
Overvoltage category				III

Housing

Execution (n° of modules)			1
Material			Self-extinguishing polyamide
Mounting			DIN rail 35 mm
Degree of protection			IP40 on front, IP20 terminals
Dimensions (W x H x D)		mm	17.5 x 104.7 x 64.9
Weight		g	90

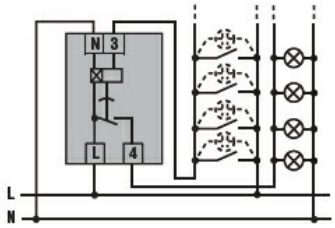
Dimensions



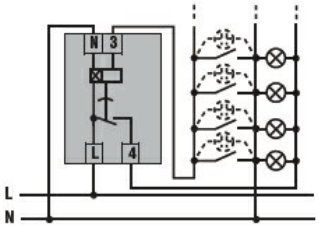
Wiring diagrams

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4-wire connection



3-wire connection



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