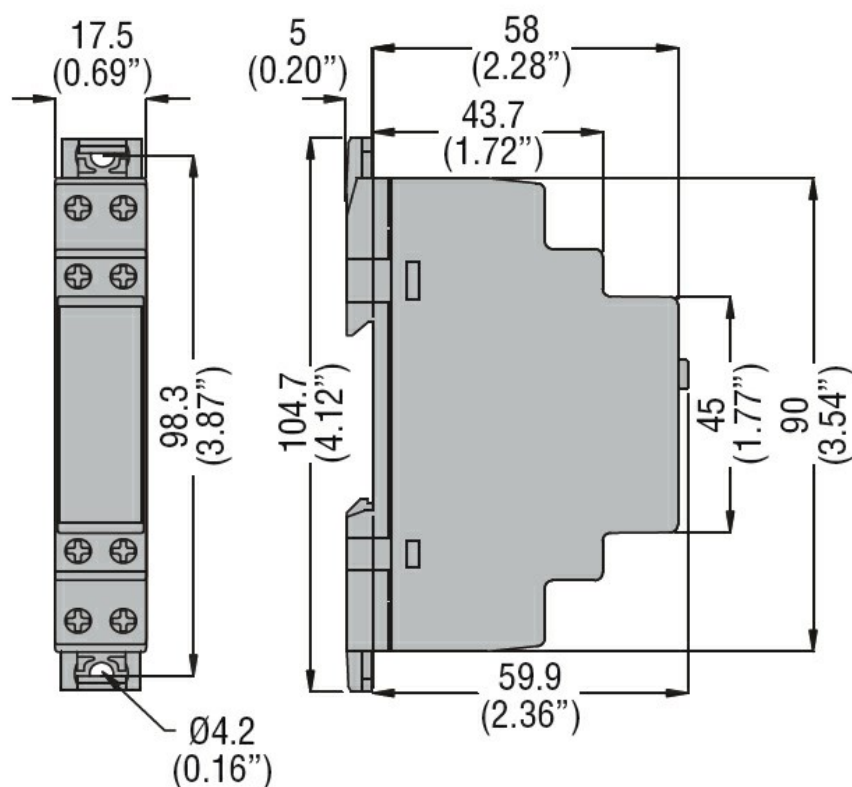




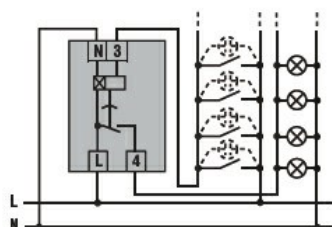
Product designation	Time relay		
Product type designation	TMLS		
Number of DIN modules	1		
General characteristics			
Description	Time relay for staircase		
Function	Staircase lighting		
Supply circuit			
Rated auxiliary supply voltage U_s	220...240VAC		
Rated auxiliary supply voltage U_s AC	min	VAC	220
	Max	VAC	240
Rated frequency	Hz		50/60
Operating voltage range	0.85...1.1 U_s		
Maximum power consumption / dissipation	W		Relay de-energised: 5VA/0.5W, relay energised: 12VA/0.8W
Immunity time for microbreakings	ms		≤20
Timing circuit			
Time setting range	0.5...20min		
Setting accuracy	%		<±9
Repeat accuracy	%		<±0.5
Influence of voltage variation	%		<±0.5
Influence of temperature variation	%		<±0.25
External command input	Minimum ON time Connenction time	ms	≥60 permanent
Resetting time	During timing	ms	≥100
Relay outputs			
Number of relays	Nr.		1
Contact arrangement	1 delayed N/O		
Maximum switching voltage	VAC		250
IEC Conventional free air thermal current I_{th}	A		16
Insulation (input-output)			
Rated insulation voltage U_i	V		250
Rated impulse withstand voltage U_{imp}	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 max		24...12 12...18
	IEC	min max	mm ² mm ²	0.2 4
Operations				
Mechanical life			cycles	30000000
Electrical life (with rated load)			cycles	100000
Ambient conditions				
Temperature	Operating temperature	min max	°C °C	-20 +60
	Storage temperature	min max	°C °C	-30 +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	80
Dimensions				

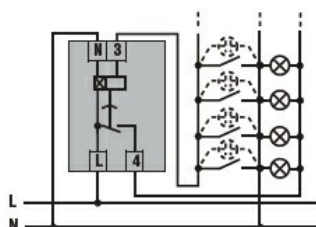


Wiring diagrams

4-wire connection



3-wire connection



Certifications and compliance

Compliance

CSA C22.2 n°14

IEC/EN 61812-1

UL508

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001439 -
Timer relay