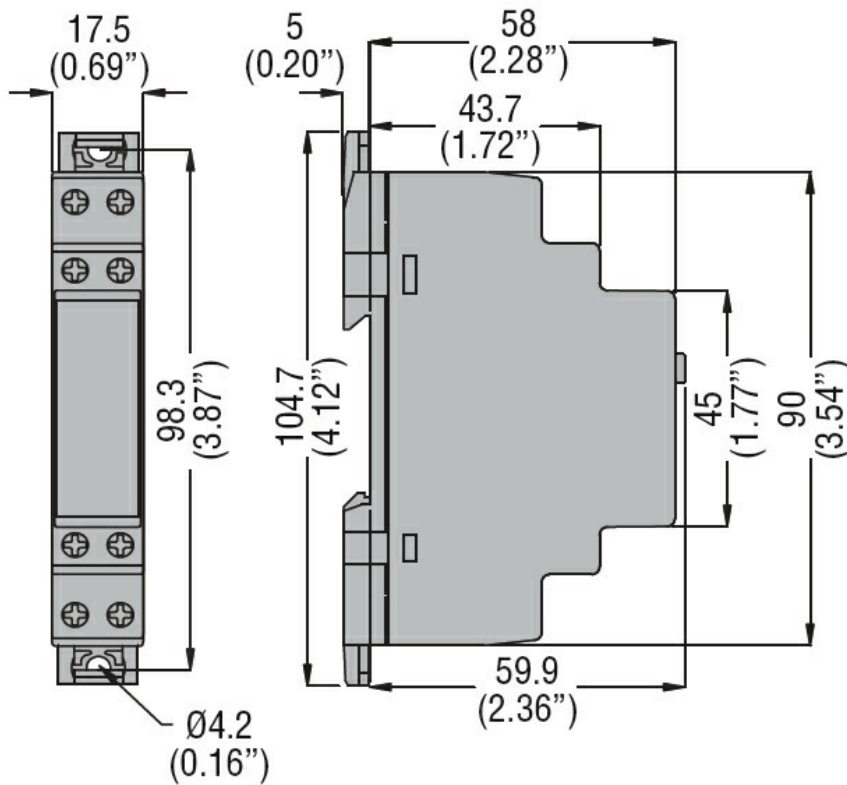




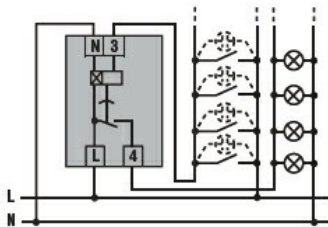
Product designation	Time relay		
Product type designation	TMLS		
Number of DIN modules	1		
General characteristics			
Description	Time relay for staircase		
Function	Staircase lighting		
Supply circuit			
Rated auxiliary supply voltage U_s	220...240VAC		
Rated auxiliary supply voltage U_s AC	min	VAC	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	ms	≥60
	Connention time		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			24...12
		max			12...18
	IEC	min	mm ²		0.2
		max	mm ²		4
Operations					
Mechanical life				cycles	30000000
Electrical life (with rated load)				cycles	100000
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	80
Dimensions [mm (in)]					

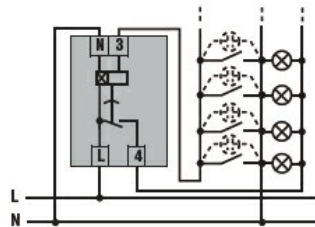


Wiring diagrams

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