



Product designation				Time relay
Product type designation				TMLS
Number of DIN modules				1
General characteristics				
Description				Staircase illumination, Single scale, Single voltage
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
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 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		3000000
Electrical life (with rated load)		cycles		100000

Ambient conditions

Temperature

Operating temperature

min	°C	-20
max	°C	+60

Storage temperature

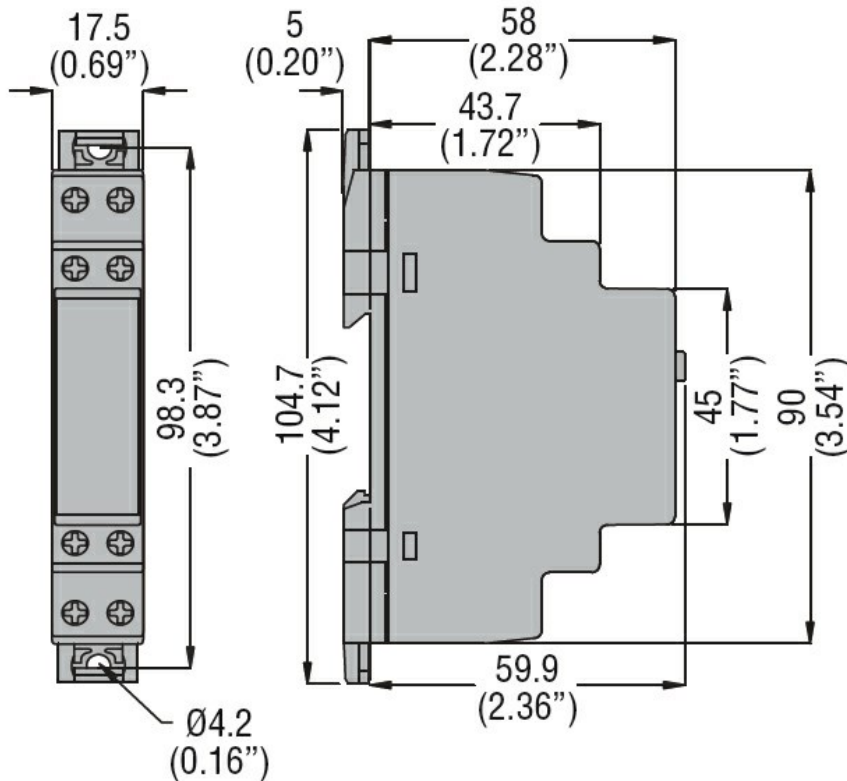
min	°C	-30
max	°C	+80

Relative humidity	%	<90%
Maximum Pollution degree		2
Overvoltage category		III

Housing

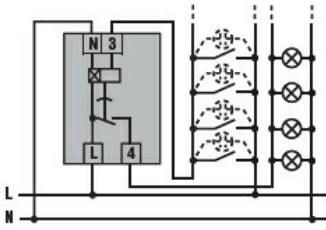
Execution (n° of modules)		1
Material		Self-extinguishing polyamide
Mounting		DIN rail 35 mm
Degree of protection		IP40 on front, IP20 terminals
Dimensions (W x H x D)	mm	17.5 x 104.7 x 64.9
Weight	g	90

Dimensions



Wiring diagrams

4-wire connection



3-wire connection

