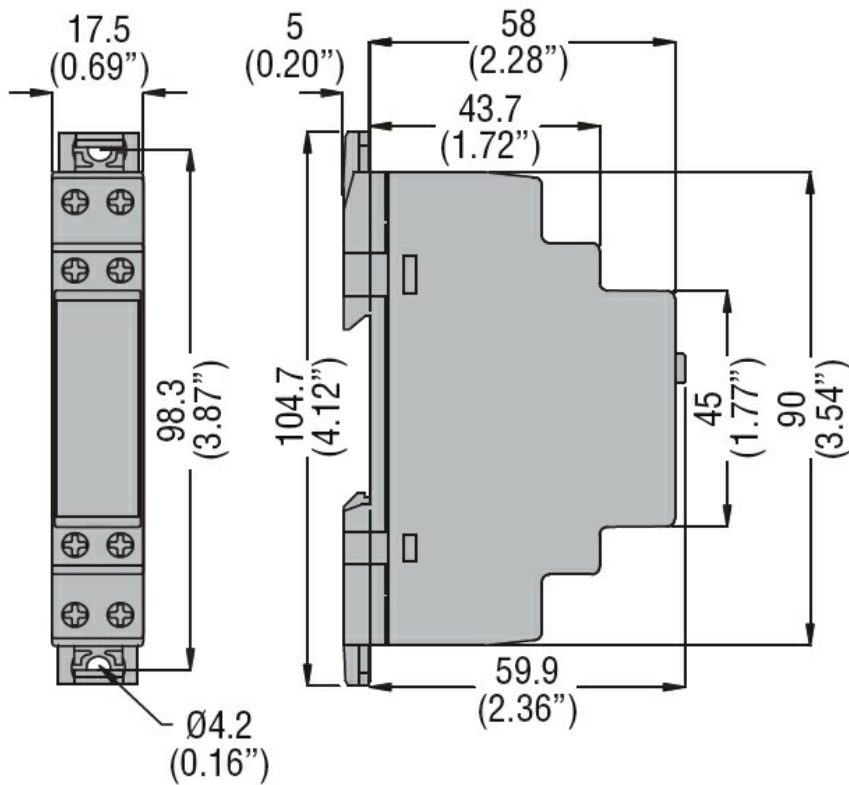


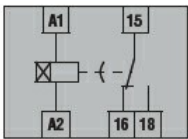


Product designation				Time relay
Product type designation				TMP
Number of DIN modules				1
<b>General characteristics</b>				
Description				On delay time relay, multiscale and multivoltage
Function				On delay
<b>Supply circuit</b>				
Rated auxiliary supply voltage Us				24...48VDC; 24...240VAC
Rated auxiliary supply voltage Us				
	AC			
		min	VAC	24
		Max	VAC	240
	DC			
		min	VDC	24
		Max	VDC	48
Rated frequency			Hz	50/60
Operating voltage range				0.85...1.1 Us
Maximum power consumption / dissipation			W	1.2VA/0.8W (24...48VAC/DC), 16VA/0.9W (110...240VAC)
Immunity time for microbreakings			ms	≤50
<b>Timing circuit</b>				
Time setting range				0.1s...10days
Setting accuracy			%	<±9
Repeat accuracy			%	<±0.1
Influence of voltage variation			%	<±0.1
Influence of temperature variation			%	<±0.2
Resetting time				
		During timing	ms	≥100
		Elapsed time	ms	≥50
<b>Relay outputs</b>				
Number of relays			Nr.	1
Contact arrangement				1 delayed changeover
Maximum switching voltage			VAC	250
IEC Conventional free air thermal current Ith			A	8
UL/CSA and IEC/EN 60947-5-1 designation				B300
<b>Insulation (input-output)</b>				
Rated insulation voltage Ui			V	250
Rated impulse withstand voltage Uimp			kV	4
Power frequency withstand voltage			kV	2
<b>Connections</b>				

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 <sup>2</sup> 0.2
			max	mm <sup>2</sup> 4
<b>Operations</b>				
Mechanical life			cycles	30000000
Electrical life (with rated load)			cycles	100000
<b>Ambient conditions</b>				
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
<b>Housing</b>				
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	78
<b>Dimensions</b>				



### Wiring diagrams



### Certifications and compliance

#### Compliance

CSA C22.2 n°14

IEC/EN 61812-1

UL508

#### Certificates

CCC

cULus

EAC

### ETIM classification

ETIM 8.0

EC001439 -  
Timer relay