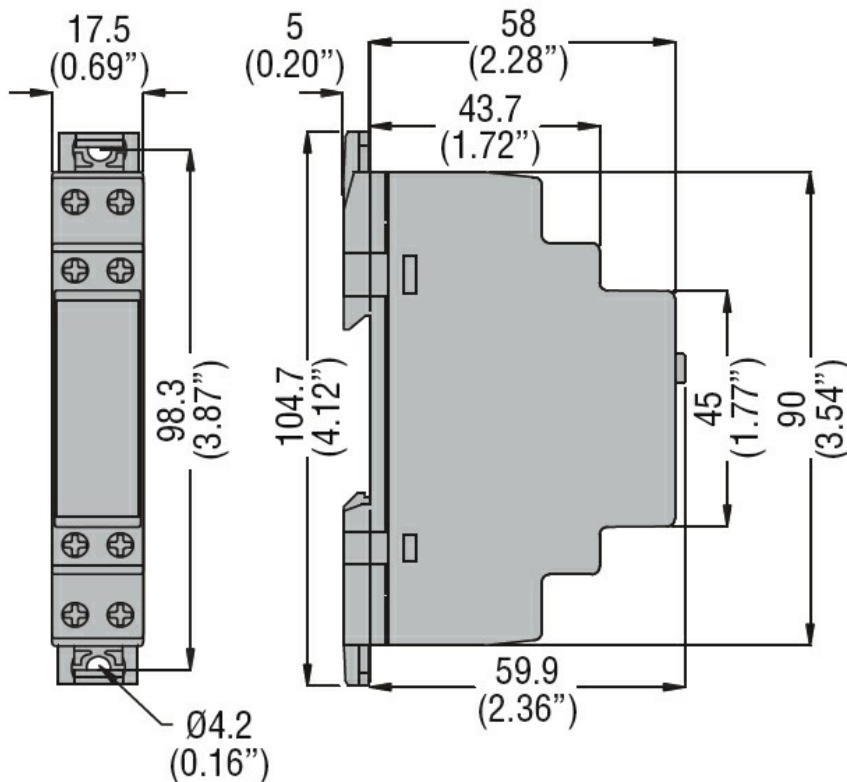




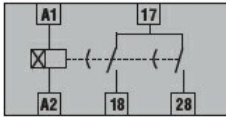
Product designation				Time relay
Product type designation				TMP
Number of DIN modules				1
<b>General characteristics</b>				
Description				On delay time relay, multiscale, single voltage
Function				On delay
<b>Supply circuit</b>				
Rated auxiliary supply voltage Us				380...440VAC
Rated auxiliary supply voltage Us AC		min	VAC	380
		Max	VAC	440
Rated frequency			Hz	50/60
Operating voltage range				0.85...1.1 Us
Maximum power consumption / dissipation			W	19VA/1.7W
<b>Timing circuit</b>				
Time setting range				0.1s...10min
Setting accuracy			%	<±9
Repeat accuracy			%	<±0.5
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 with 2 N/O with common pole
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	90

**Dimensions**



**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