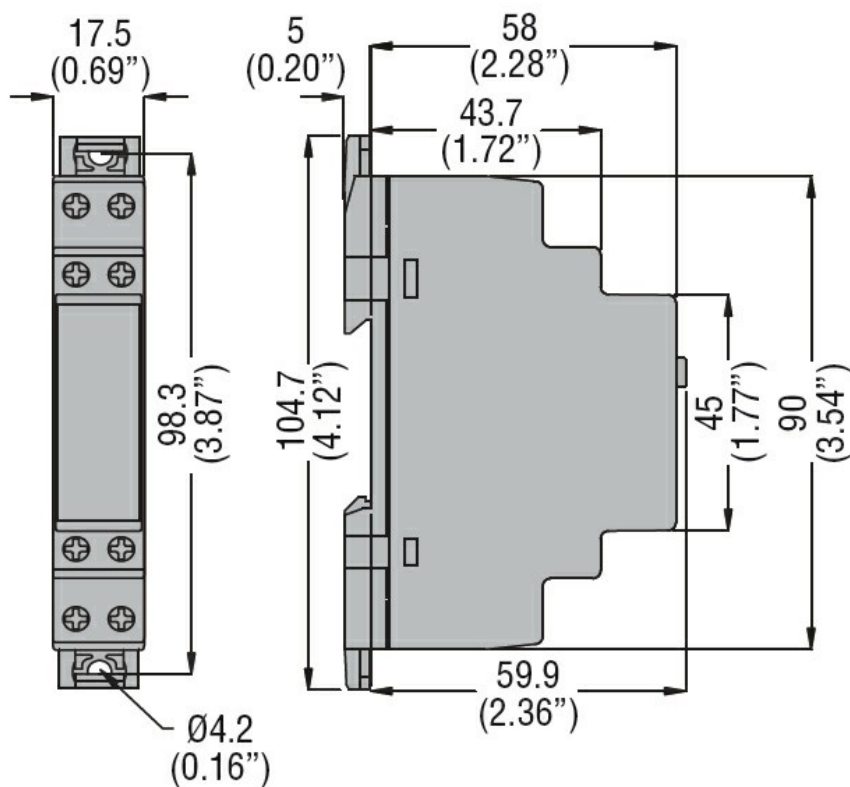


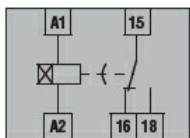


Product designation				Time relay
Product type designation				TMP
Number of DIN modules				1
General characteristics				
Description				On delay time relay, multiscale and multivoltage
Function				On delay
Supply circuit				
Rated auxiliary supply voltage Us				24...48VDC; 24...240VAC
Rated auxiliary 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
Timing circuit				
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	
Relay outputs				
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
Insulation (input-output)				
Rated insulation voltage Ui			V	250
Rated impulse withstand voltage Uimp			kV	4
Power frequency withstand voltage			kV	2
Connections				

Terminals type	Screw		
Tightening torque (Max)	Tightening torque Max	Nm	0.8
	Tightening torque Max	lbin	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	78
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