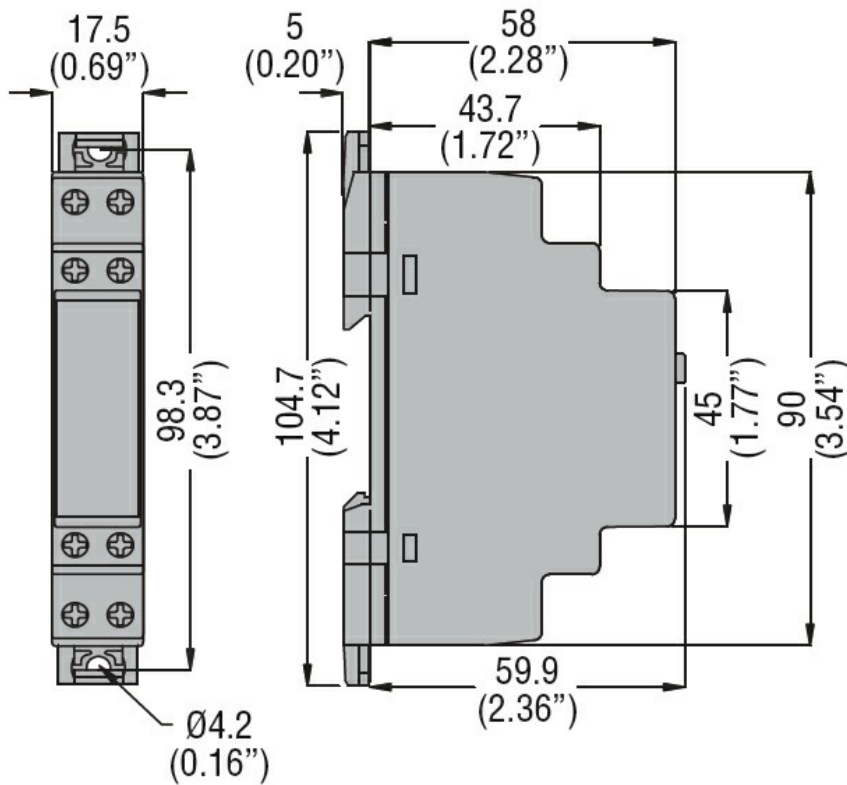


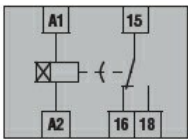


Product designation				Time relay
Product type designation				TMP
Number of DIN modules				1
General characteristics				
Description				On delay time relay, multiscale and multivoltage
Function				On delay
Supply circuit				
Rated auxiliary supply voltage Us				24...48VDC; 24...240VAC
Rated auxiliary 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	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	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