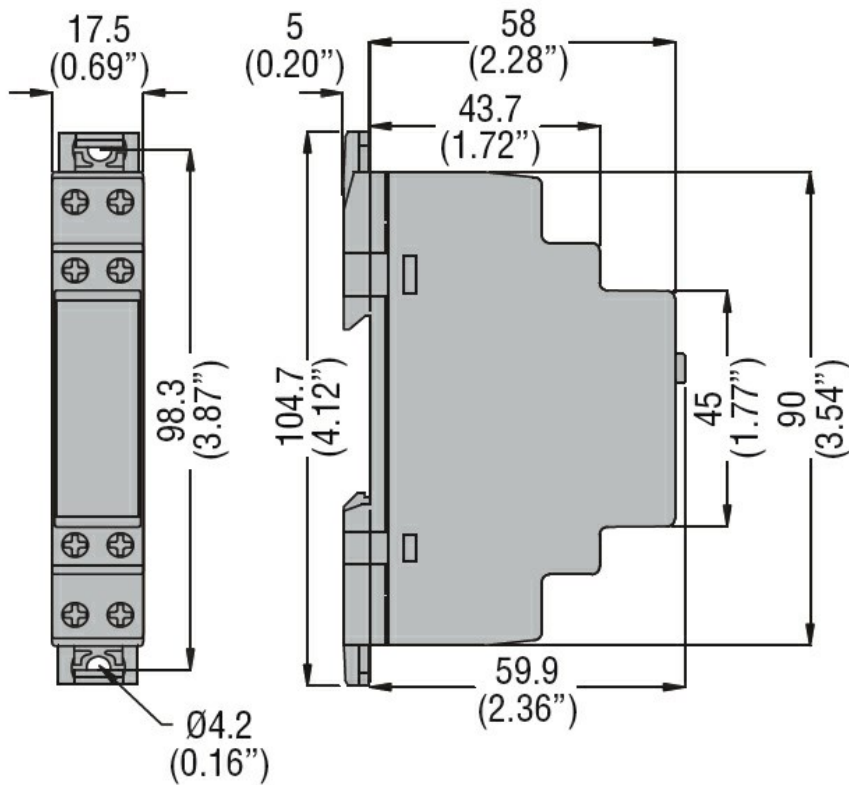


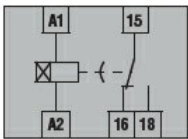


Product designation	Time relay		
Product type designation	TMP		
Number of DIN modules	1		
General characteristics			
Description	On delay time relay, multiscale and multivoltage		
Function	On delay		
Supply circuit			
Rated auxiliary supply voltage Us	24...48VDC; 24...240VAC		
Rated auxiliary supply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



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