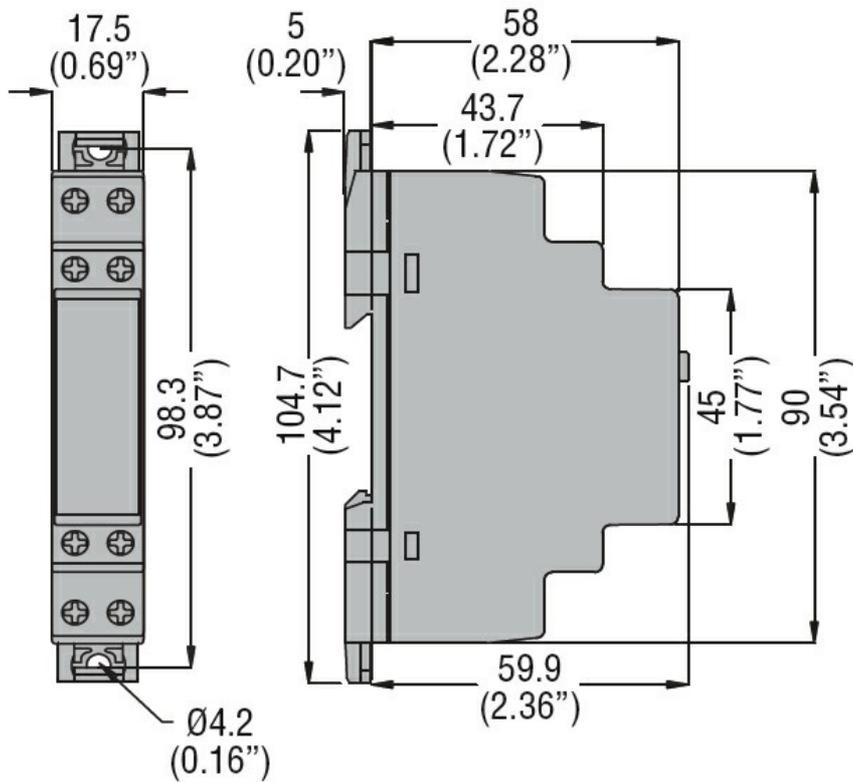


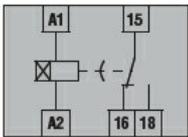


Product designation	Time relay		
Product type designation	TMP		
Number of DIN modules	1		
General characteristics			
Description	On delay time relay, multiscale and multivoltage		
Function	On delay		
Supply circuit			
Rated auxiliary supply voltage U_s			
AC	min	VAC	24
	Max	VAC	240
DC	min	VDC	24
	Max	VDC	48
Rated frequency		Hz	50/60
Operating voltage range	0.85...1.1 U_s		
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	Multiscale 0.1...1s / 1...10s / 6...60s / 1...10min / 6min...1h / 1...10h / 0.1...1day / 1...10days / ON only / OFF only		
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		N°	1
Contact arrangement	1 delayed changeover		
Maximum switching voltage		VAC	250
IEC Conventional free air thermal current I_{th}		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