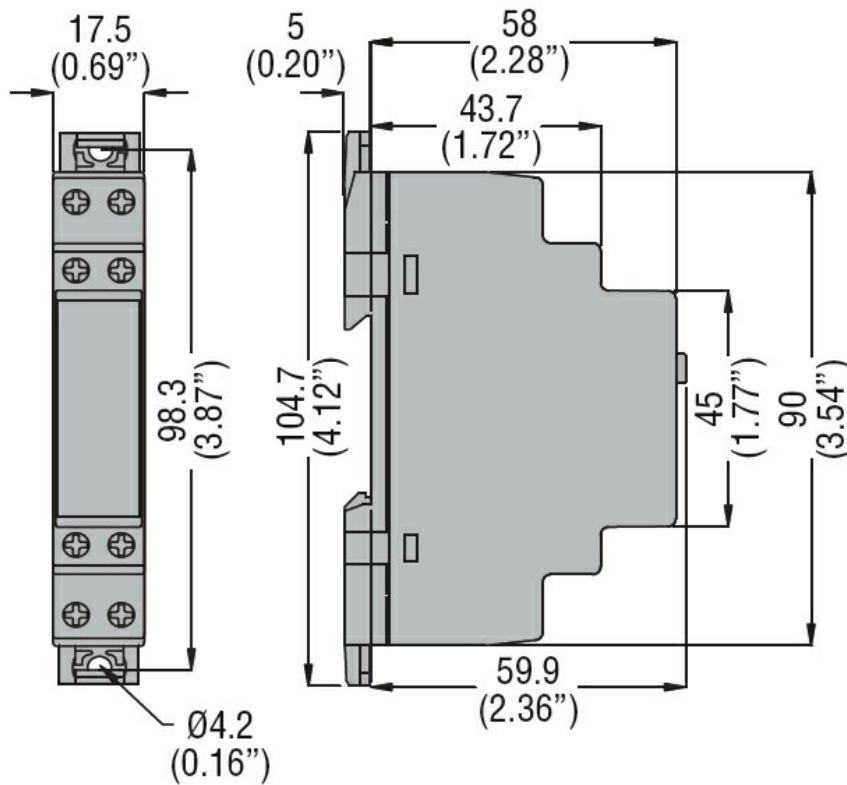


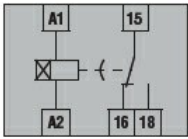


Product designation	Time relay		
Product type designation	TMP		
Number of DIN modules	1		
General characteristics			
Description	On delay time relay, multiscale and multivoltage		
Function	On delay		
Supply circuit			
Rated auxiliary supply voltage U_s	24...48VDC; 24...240VAC		
Rated auxiliary supply 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	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 I_{th}	A		8
UL/CSA and IEC/EN 60947-5-1 designation	B300		
Insulation (input-output)			
Rated insulation voltage U_i	V		250
Rated impulse withstand voltage U_{imp}	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