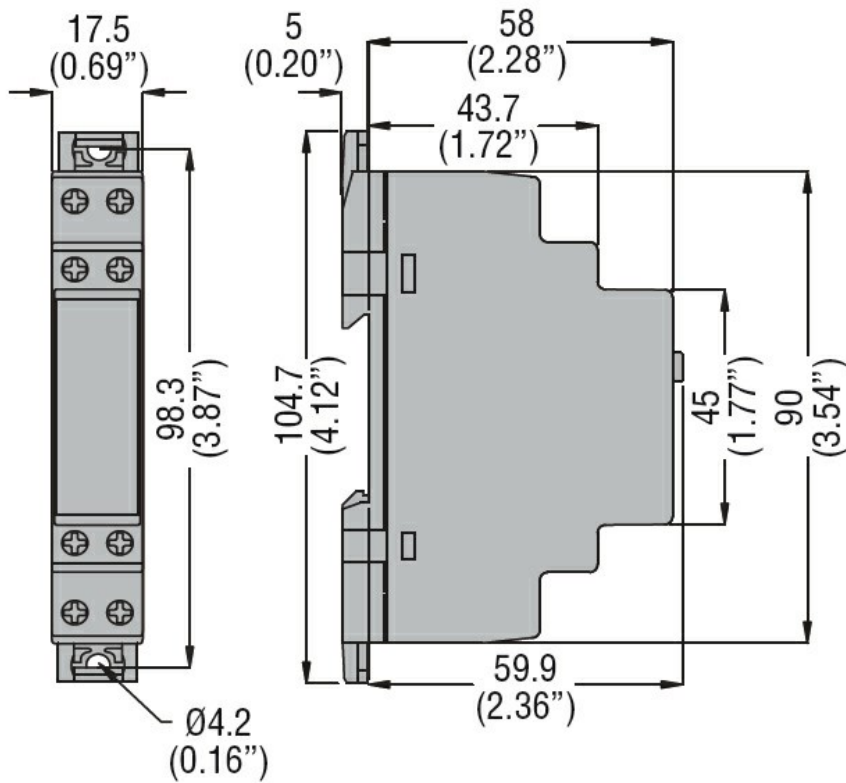


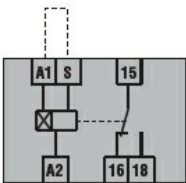


Product designation				Time relay
Product type designation				TMPL
Number of DIN modules				1
<b>General characteristics</b>				
Description				Recycle time relay with independent timings, multiscale and multivoltage
Function				Recycle time relay with independent timings
<b>Supply circuit</b>				
Rated auxiliary supply voltage $U_s$				12...240VAC/DC
Rated auxiliary supply voltage $U_s$	AC	min	VAC	12
		Max	VAC	240
	DC	min	VDC	12
		Max	VDC	240
Rated frequency			Hz	50/60
Operating voltage range				0.85...1.1 $U_s$
Maximum power consumption / dissipation			W	0.6VA/0.3W (12...48VAC/DC), 1.6VA/1.2W (110...240VAC/DC)
Immunity time for microbreakings			ms	≤25
<b>Timing circuit</b>				
Time setting range				0.1s...100days
Setting accuracy			%	<±9
Repeat accuracy			%	<±0.2
Influence of voltage variation			%	<±0.1
Influence of temperature variation			%	<±0.2
External command input	Minimum ON time	ms	25	
	Connention time	permanent		
Resetting time	During timing	ms	≥100	
	Elapsed time	ms	≥50	
<b>Relay outputs</b>				
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
<b>Insulation (input-output)</b>		
Rated insulation voltage Ui	V	250
Rated impulse withstand voltage Uimp	kV	4
Power frequency withstand voltage	kV	2
<b>Connections</b>		
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 <sup>2</sup> 0.2
		max mm <sup>2</sup> 4
<b>Operations</b>		
Mechanical life	cycles	30000000
Electrical life (with rated load)	cycles	100000
<b>Ambient conditions</b>		
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
<b>Housing</b>		
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	82
<b>Dimensions</b>		



### Wiring diagrams



### Certifications and compliance

#### Compliance

CSA C22.2 n°14

IEC/EN 61812-1

UL508

#### Certificates

cULus

EAC

### ETIM classification

ETIM 8.0

EC001439 -  
Timer relay