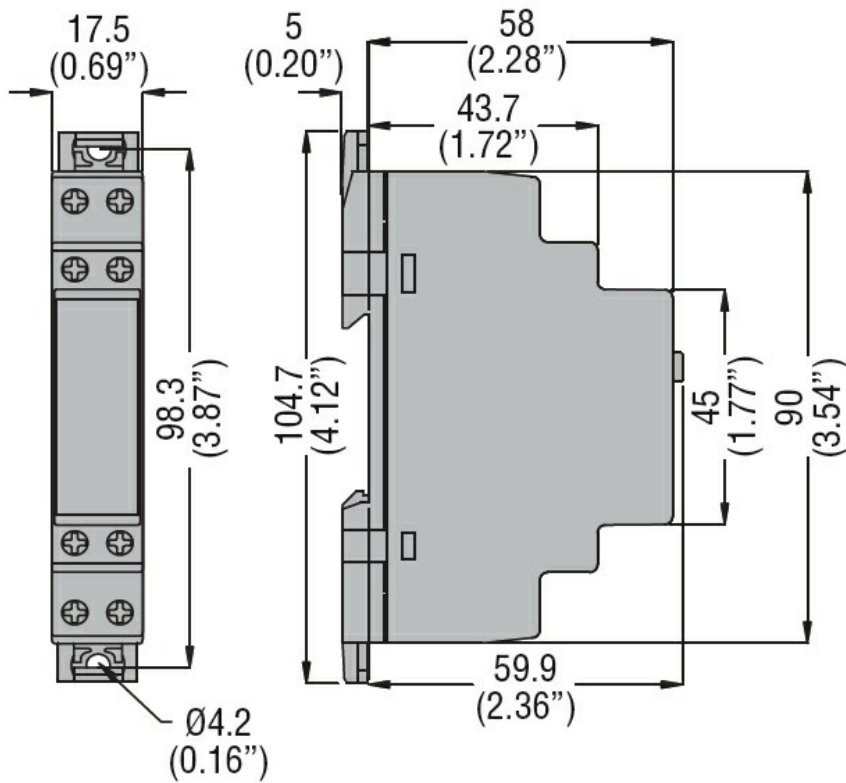


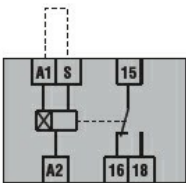


Product designation				Time relay
Product type designation				TMPL
Number of DIN modules				1
General characteristics				
Description				Recycle time relay with independent timings, multiscale and multivoltage
Function				Recycle time relay with independent timings
Supply circuit				
Rated auxiliary 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
Timing circuit				
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	
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	82
Dimensions		



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