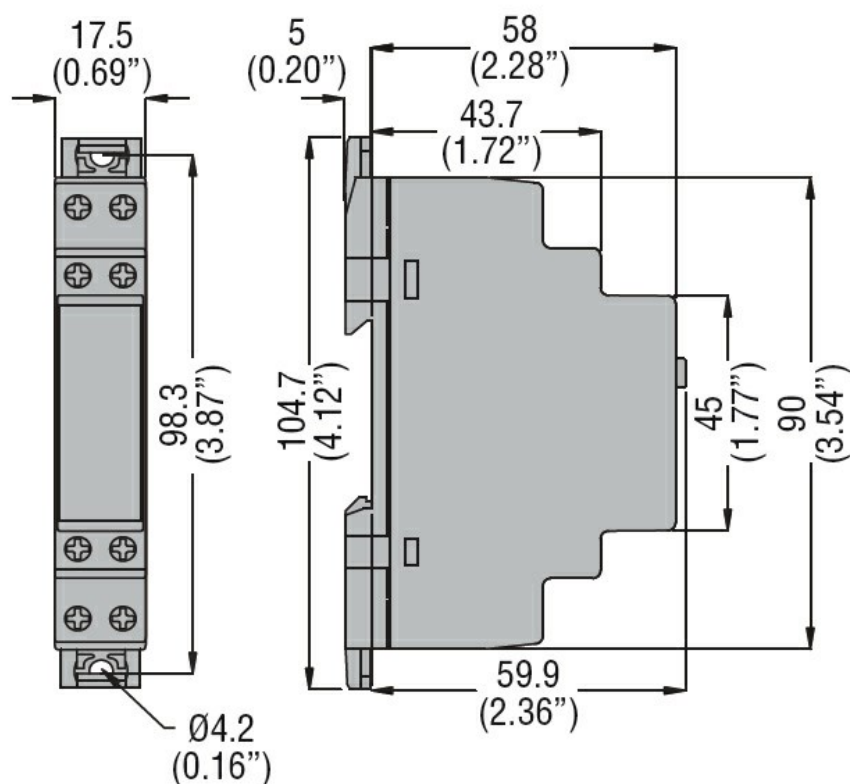


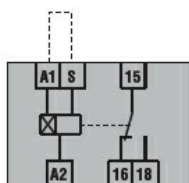


Product designation	Time relay		
Product type designation	TMPL		
Number of DIN modules	1		
General characteristics			
Description	Recycle time relay with independent timings, multiscale and multivoltage		
Function	Recycle time relay with independent timings		
Supply circuit			
Rated auxiliary supply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