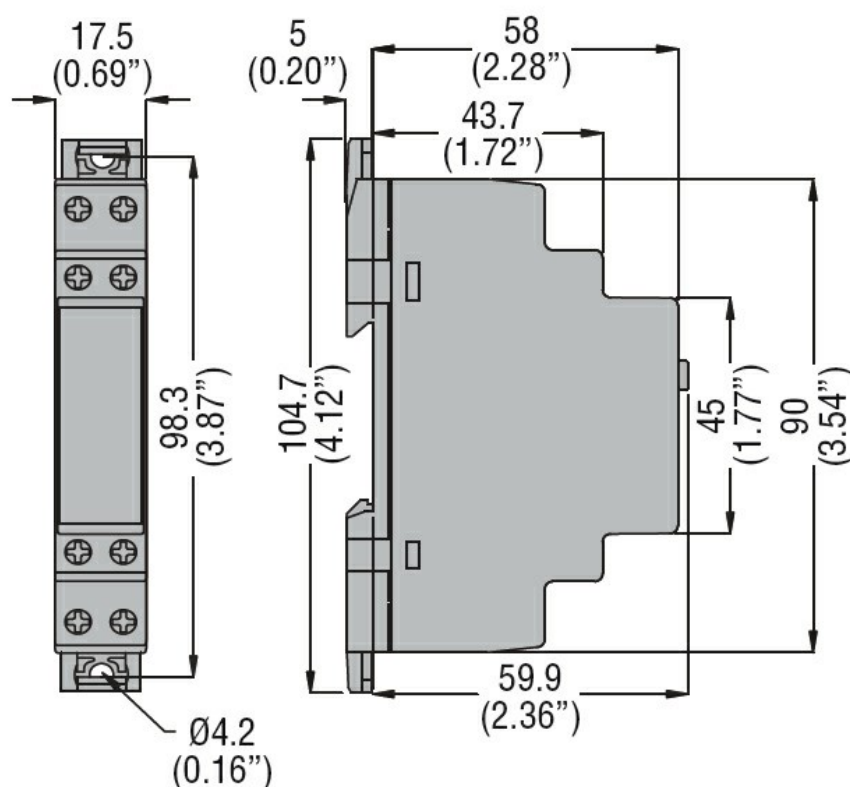


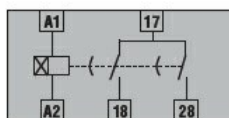


Product designation			Time relay	
Product type designation			TMP	
Number of DIN modules			1	
General characteristics				
Description			On delay time relay, multiscale, single voltage	
Function			On delay	
Supply circuit				
Rated auxiliary supply voltage U_s			380...440VAC	
Rated auxiliary supply voltage U_s AC				
		min	VAC	380
		Max	VAC	440
Rated frequency			Hz	50/60
Operating voltage range			0.85...1.1 U_s	
Maximum power consumption / dissipation			W	19VA/1.7W
Timing circuit				
Time setting range			0.1s...10min	
Setting accuracy			%	<±9
Repeat accuracy			%	<±0.5
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 with 2 N/O with common pole	
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	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	90
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