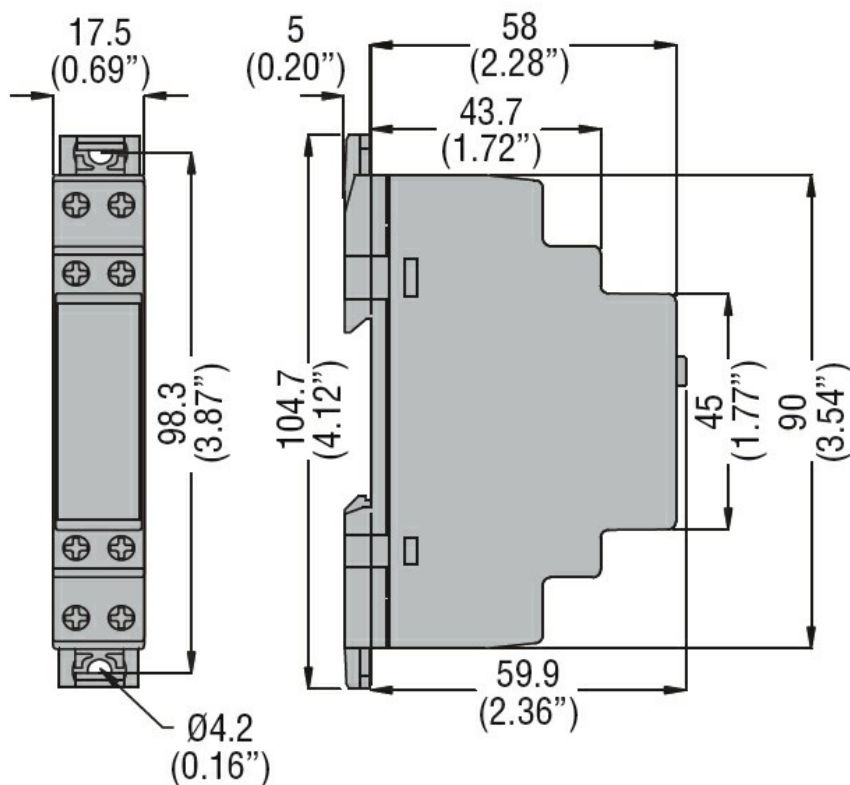


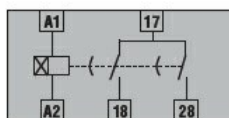


Product designation			Time relay	
Product type designation			TMP	
Number of DIN modules			1	
General characteristics				
Description			On delay time relay, multiscale, single voltage	
Function			On delay	
Supply circuit				
Rated auxiliary supply voltage $U_s$			380...440VAC	
Rated auxiliary supply voltage $U_s$ 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	mm²	0.2
		max	mm²	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