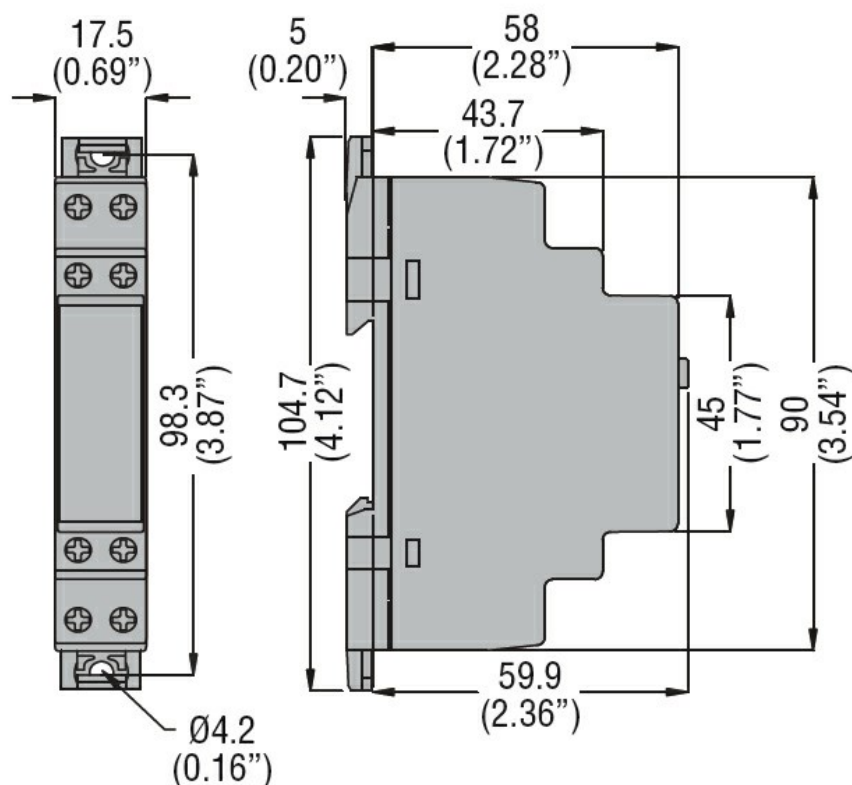


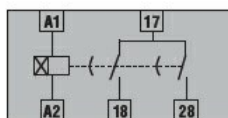


Product designation	Time relay		
Product type designation	TMP		
Number of DIN modules	1		
General characteristics			
Description	On delay time relay, multiscale, single voltage		
Function	On delay		
Supply circuit			
Rated auxiliary supply voltage U_s	380...440VAC		
Rated auxiliary supply voltage U_s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