



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 Us				380...440VAC
Rated auxiliary supply voltage Us AC		min	VAC	380
		Max	VAC	440
Rated frequency			Hz	50/60
Operating voltage range				0.85...1.1 Us
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 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	Ibin	7 / 7...9 UL
Conductor section	AWG/Kcmil		min	24...12

IEC	max	12...18	
	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%
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Maximum Pollution degree	2	
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Overvoltage category	III	
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Housing

Execution (n° of modules)	1	
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Material	Self-extinguishing polyamide	
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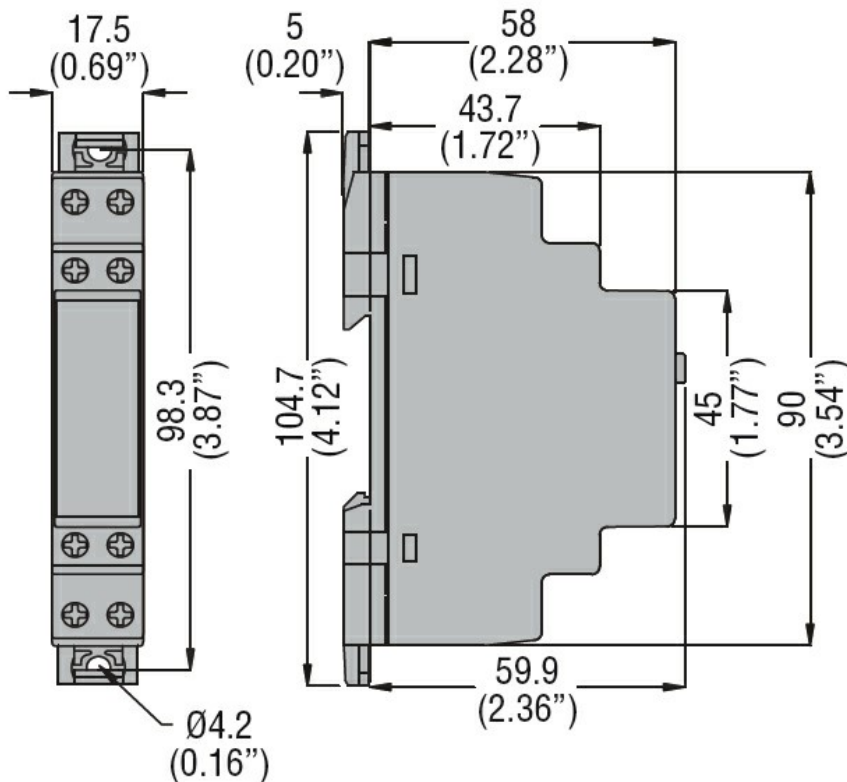
Mounting	DIN rail 35 mm	
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Degree of protection	IP40 on front, IP20 terminals	
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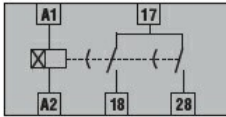
Dimensions (W x H x D)	mm	17.5 x 104.7 x 64.9
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Weight	g	90
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Dimensions



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