



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		%		< \pm 9
Repeat accuracy		%		< \pm 0.5
Influence of voltage variation		%		< \pm 0.1
Influence of temperature variation		%		< \pm 0.2
Resetting time				
	During timing	ms		\geq 100
	Elapsed time	ms		\geq 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

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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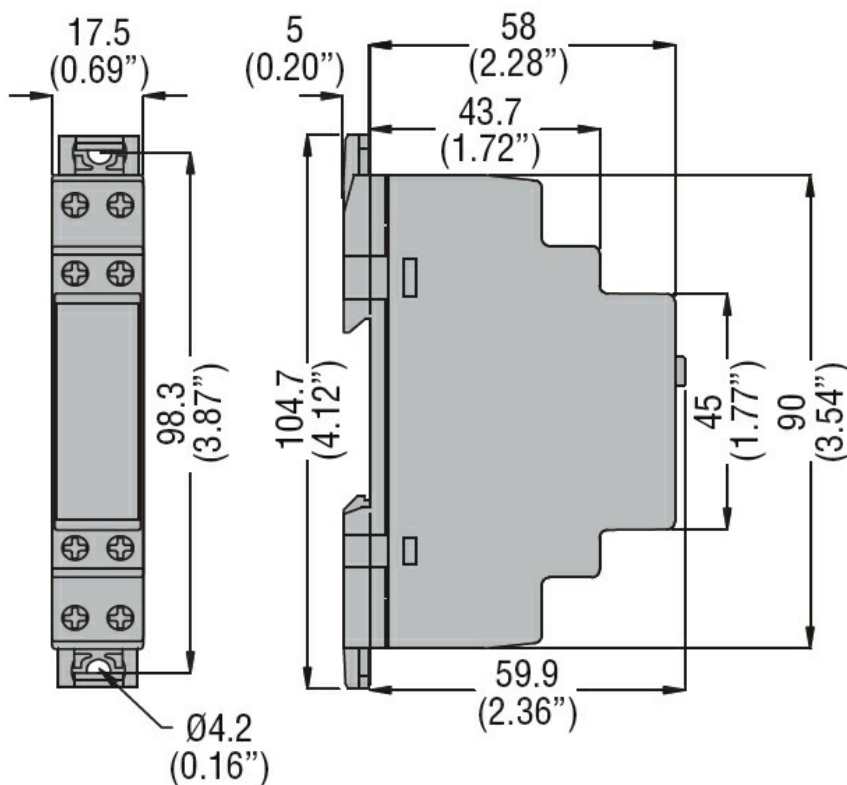
Mounting	DIN rail 35 mm	
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Degree of protection	IP40 on front, IP20 terminals	
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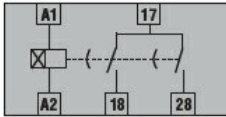
Dimensions (W x H x D)	mm	17.5 x 104.7 x 64.9
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Weight	g	90
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Dimensions [mm (in)]



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