



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

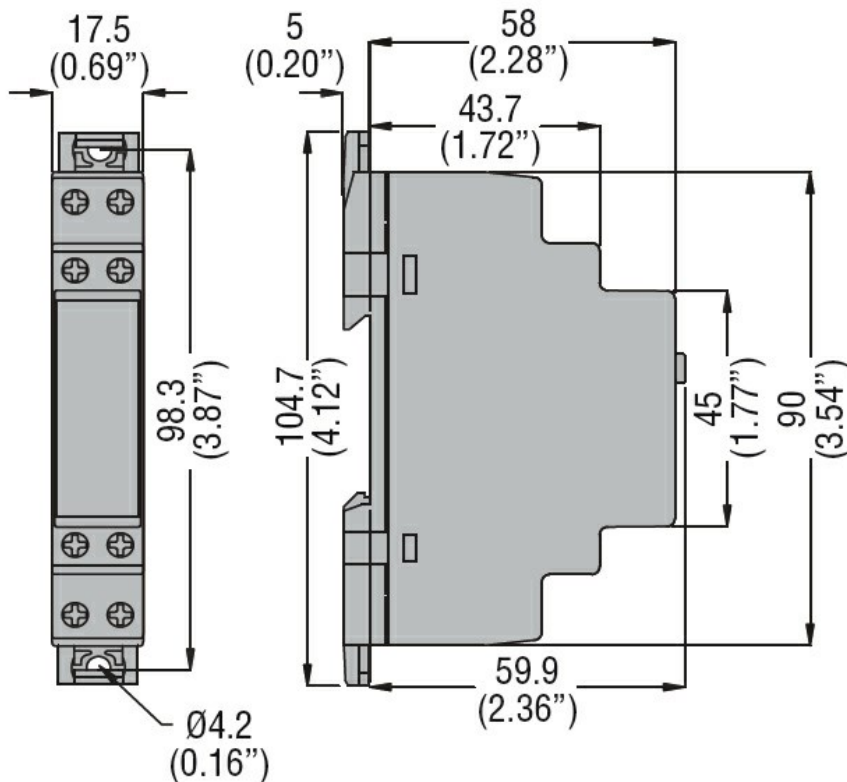
min	°C	-30
max	°C	+80

Relative humidity	%	<90%
Maximum Pollution degree		2
Overvoltage category		III

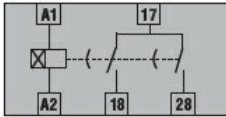
Housing

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