TMPA440

ON DELAY TIME RELAY, MULTISCALE, MULTIVOLTAGE, MODULAR VERSION, 380...440VAC

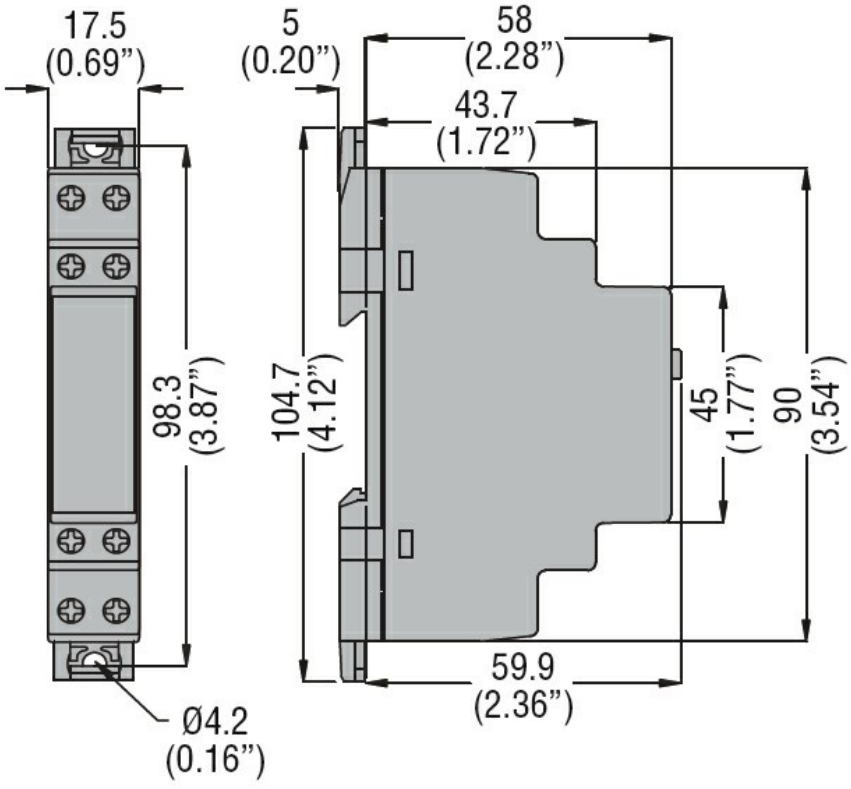


Product designation			Time relay
Product type designation			TMP
Number of DIN modules			1
General characteristics			
Description			On delay time relay, multiscale, single voltage
Function			On delay
Supply circuit			
Rated auxiliary supply voltage Us			380…440VAC
Rated auxiliary supply voltage Us			
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	lbin	7 / 7...9 UL
Conductor section			
AWG/Kcmil			
	min		24…12

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		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

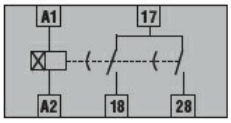


Wiring diagrams

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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

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