

Product designation			Time relay
Product type designation			TMP
Number of DIN modules			1
General characteristics			
Description			On delay time relay, multiscale and multivoltage
Function			On delay
Supply circuit			
Rated auxiliary supply voltage Us			2448VDC; 24240VAC
Rated auxiliary supply voltage Us			
AC			
	min	VAC	24
	Max	VAC	240
DC			0.4
	min	VDC VDC	24
Poted frequency	Max	Hz	48 50/60
Rated frequency Operating voltage range		ΠZ	0.851.1 Us
Operating voltage range			1.2VA/0.8W
Maximum power consumption / dissipation		W	(2448VAC/DC), 16VA/0.9W (110240VAC)
Immunity time for microbreakings		ms	≤50
Timing circuit			
Time setting range			0.1s10days
Setting accuracy		%	<±9
Repeat accuracy		%	<±0.1
Influence of voltage variation		%	<±0.1
Influence of temperature variation		%	<±0.2
Resetting time	5		
	During timing	ms	≥100 >50
Relay outputs	Elapsed time	ms	≥50
Number of relays		Nr.	1
Contact arrangement			1 delayed changeover
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)			2000
Rated insulation voltage Ui		V	250

TMP

Rated impulse withstand voltage Uimp

Power frequency withstand voltage

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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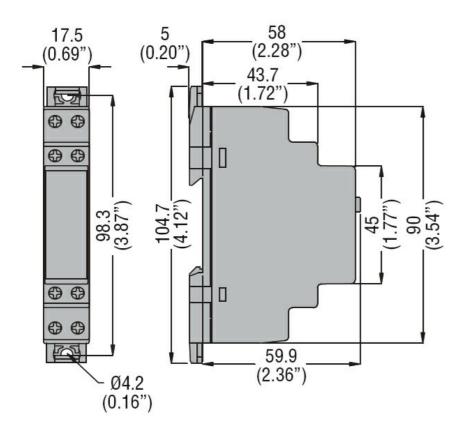
TMP

## EINSCHALTVERZÖGERTES ZEITRELAIS, MULTIZEIT, MULTISPANNUNG, MODULARE VERSION, 24...48VDC, 24...240VAC

Terminals type				Screw
Tightening torque (Max	<)			
		Tightening torque Max	Nm	0.8
		Tightening torque Max	Ibin	7 / 79 UL
Conductor section				
	AWG/Kcmil			
		min		2412
		max		1218
	IEC			
		min	mm²	0.2
		max	mm²	4
Operations				
Mechanical life			cycles	3000000
Electrical life (with rate	d load)		cycles	100000
Ambient conditions	·			
Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+60
	Storage temperature			
	5	min	°C	-30
		max	°C	+80
Relative humidity			%	<90%
Maximum Pollution de	gree			2
Overvoltage category	5			
Housing				
Execution (n° of modu	les)			1
· · · · · ·	,			Self-extinguishing
Material				polyamide
Mounting				DIN rail 35 mm
Degree of protection				IP40 on front, IP20 terminals
Dimensions (W x H x I	)		mm	17.5 x 104.7 x 64.9
Weight			g	78
Dimensions				

ТМР





## Wiring diagrams



Certifications and co	mpliance		
Compliance			
	CSA C22.2 n°14		
	IEC/EN 61812-1		
	UL508		
Certificates			
	000		
	cULus		
	EAC		
ETIM classification			
			EC001/30 -

ETIM 8.0

EC001439 -Timer relay