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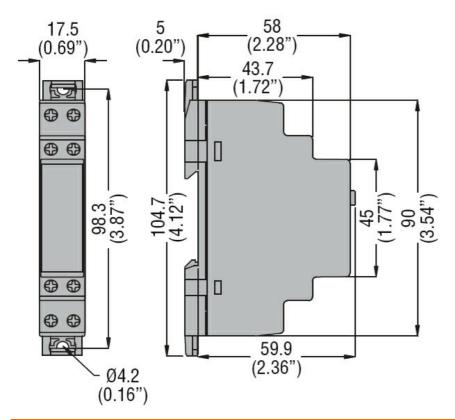
Product designation			Time relay
Product type designation			TMST
Number of DIN modules			1
General characteristics			-
			Time relay for
Description			star-delta starting,
Description			multiscale and
			multivoltage
Function			Star-delta
Supply circuit			
Rated auxiliary supply voltage Us			2448VDC; 24240VAC
Rated auxiliary supply voltage Us			242407A0
AC			
	min	VAC	24
	Max	VAC	240
DC	Max	VAO	240
50	min	VDC	24
	Max	VDC	48
Rated frequency		Hz	50/60
Operating voltage range			0.851.1 Us
			1.2VA/0.8W
Movies an according ( disainstica		۱۸/	(2448VAC/DC),
Maximum power consumption / dissipation		W	1.6VA/0.9W
			(110240VAC/DC
Immunity time for microbreakings		ms	≤40
Timing circuit			
Time setting range			0.1s10min
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



TMST

Connections				
Terminals type				Screw
Tightening torque (Ma	x)			
		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	ed 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 de	gree			2
Overvoltage category				
Housing				
Execution (n° of modu	ıles)			1
Material				Self-extinguishing
				polyamide
Mounting				DIN rail 35 mm
Degree of protection				IP40 on front,
9.00 0. protocion				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		
		EC001420

ETIM 8.0

EC001439 -Timer relay