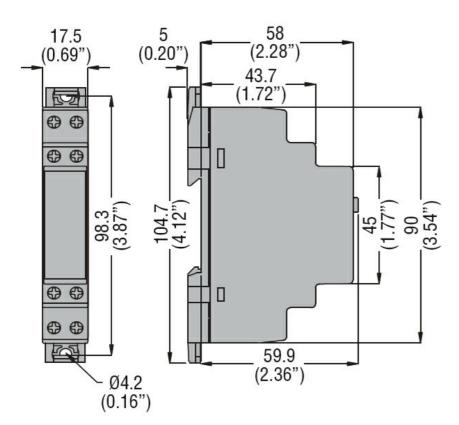


Product designation			Time relay
Product type designation			TMD
Number of DIN modules			1
General characteristics			
Description			True off delay time relay, multiscale
Function			True off delay
Supply circuit			
Rated auxiliary supply voltage Us			24240VAC/DC
Rated auxiliary supply voltage Us			
AC			
	min	VAC	24
	Max	VAC	240
DC			0 .4
	min	VDC	24
Potod froquency	Max	VDC Hz	240 50/60
Rated frequency		ΠZ	0.851.1 Us
Operating voltage range			0.1VA/0.1W
Maximum power consumption / dissipation		W	(2448VAC/DC), 1.1VA/0.8W (110240VAC/DC)
Timing circuit			
Time setting range			0.06180s
Setting accuracy		%	<±9
Repeat accuracy		%	<±0.5
Influence of voltage variation		%	<±0.1
Influence of temperature variation		%	<±0.2
Minimum power time		ms	≥200
Relay outputs			
Number of relays		Nr.	1
Contact arrangement			1 delayed
Maximum awitahing valtage		VAC	changeover 250
Maximum switching voltage IEC Conventional free air thermal current Ith		A	5
UL/CSA and IEC/EN 60947-5-1 designation		A	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	Ibin	7 / 79 UL

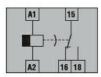


Conductor section				
	AWG/Kcmil			
		min		2412
		max		1218
	IEC			
		min	mm²	0.2
		max	mm²	4
Operations				
Mechanical life			cycles	3000000
Electrical life (with rate	d load)		cycles	100000
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+60
	Storage temperature		<u> </u>	
		min	°C	-30
Detection to a life		max	°C	+80
Relative humidity			%	<90%
Maximum Pollution deg	gree			2
Overvoltage category				111
Housing				4
Execution (n° of modu	les)			1
Material				Self-extinguishing 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	80
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