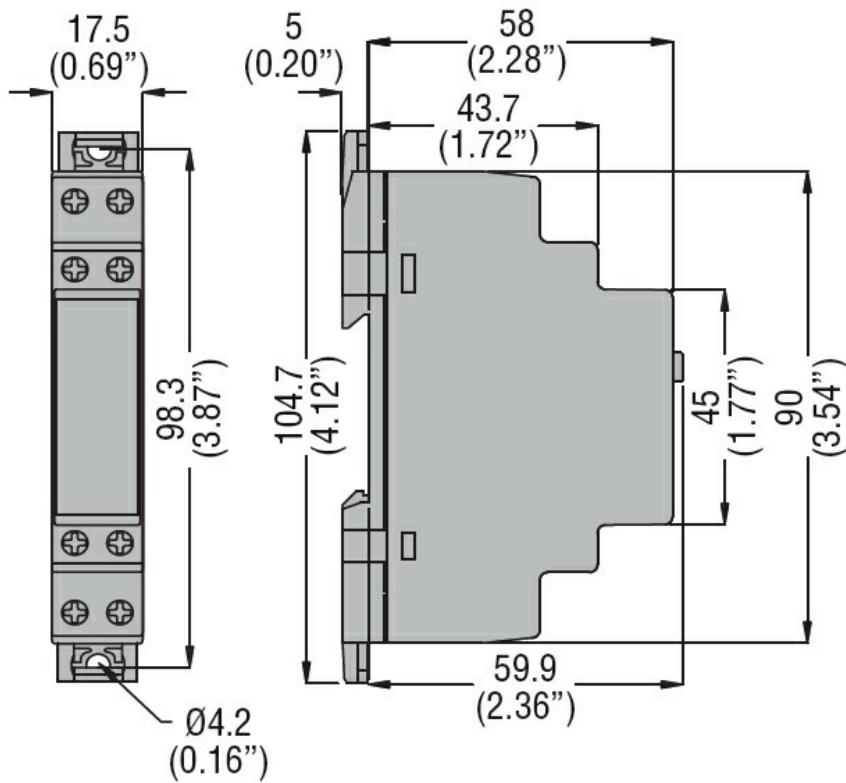


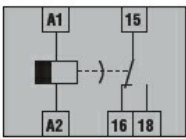


Product designation	Time relay		
Product type designation	TMD		
Number of DIN modules	1		
General characteristics			
Description	True off delay time relay, multiscale		
Function	True off delay		
Supply circuit			
Rated auxiliary supply voltage U_s	24...240VAC/DC		
Rated auxiliary supply voltage U_s AC		min VAC	24
		Max VAC	240
		min VDC	24
		Max VDC	240
Rated frequency		Hz	50/60
Operating voltage range	0.85...1.1 U_s		
Maximum power consumption / dissipation		W	0.1VA/0.1W (24...48VAC/DC), 1.1VA/0.8W (110...240VAC/DC)
Timing circuit			
Time setting range	0.06...180s		
Setting accuracy		%	< \pm 9
Repeat accuracy		%	< \pm 0.5
Influence of voltage variation		%	< \pm 0.1
Influence of temperature variation		%	< \pm 0.2
Minimum power time		ms	\geq 200
Relay outputs			
Number of relays		Nr.	1
Contact arrangement	1 delayed changeover		
Maximum switching voltage		VAC	250
IEC Conventional free air thermal current I_{th}		A	5
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 lbin	7 / 7...9 UL

Conductor section			
AWG/Kcmil	min	24...12	
	max	12...18	
<hr/>			
IEC	min	mm ²	0.2
	max	mm ²	4
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Operations			
Mechanical life		cycles	30000000
Electrical life (with rated load)		cycles	100000
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Ambient conditions			
Temperature			
Operating temperature	min	°C	-20
	max	°C	+60
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Storage temperature	min	°C	-30
	max	°C	+80
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Relative humidity		%	<90%
Maximum Pollution degree			2
Overvoltage category			III
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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	80
<hr/>			
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