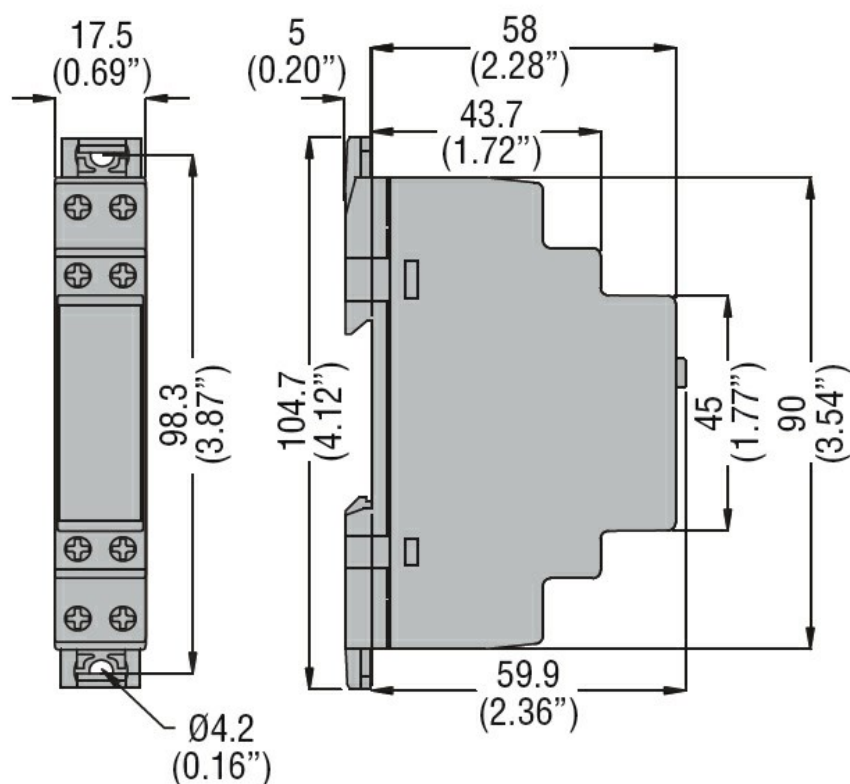


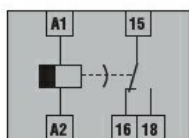


Product designation	Time relay		
Product type designation	TMD		
Number of DIN modules	1		
General characteristics			
Description	True off delay time relay, multiscale		
Function	True off delay		
Supply circuit			
Rated auxiliary supply voltage U_s	24...240VAC/DC		
Rated auxiliary supply voltage U_s AC	min Max	VAC VAC	24 240
DC	min Max	VDC VDC	24 240
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	%		<±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 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	Ibin	7 / 7...9 UL

Conductor section				
AWG/Kcmil		min	24...12	
		max	12...18	
IEC		min	mm ²	0.2
		max	mm ²	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	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