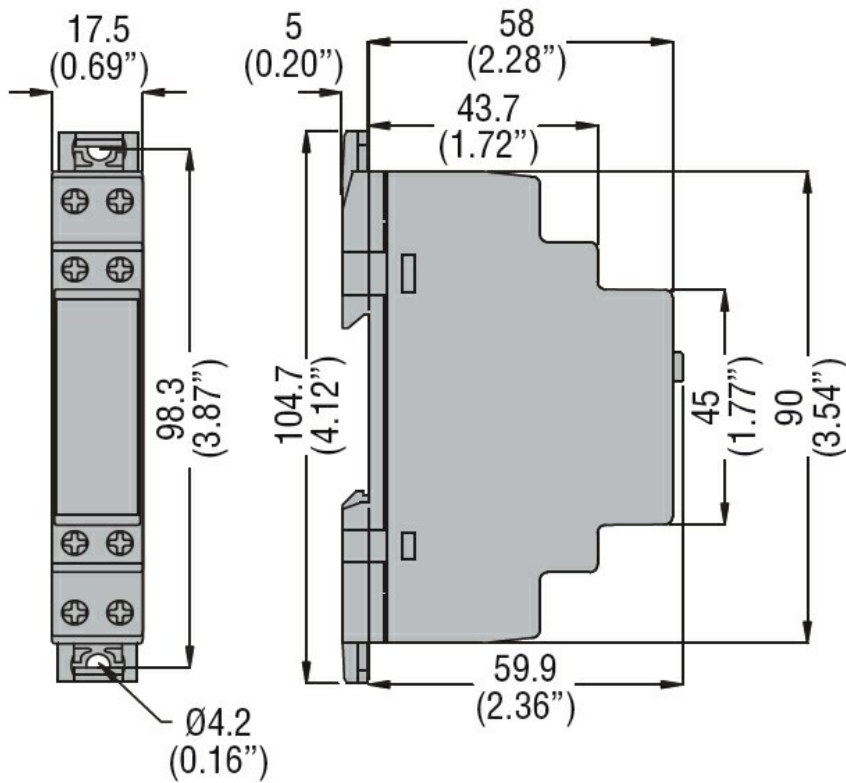




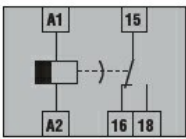
Product designation				Time relay
Product type designation				TMD
Number of DIN modules				1
General characteristics				
Description				True off delay time relay, multiscale
Function				True off delay
Supply circuit				
Rated auxiliary supply voltage U_s	AC	min	VAC	24
		Max	VAC	240
	DC	min	VDC	24
		Max	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				Multiscale 0.06... 0.6s / 0.6...6s / 6...60s / 18...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			N°	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
	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