



Product designation	Time relay		
Product type designation	TMD		
Number of DIN modules	1		
<b>General characteristics</b>			
Description	True off delay time relay, multiscale		
Function	True off delay		
<b>Supply circuit</b>			
Rated auxiliary supply voltage $U_s$	24...240VAC/DC		
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)
<b>Timing circuit</b>			
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
<b>Relay outputs</b>			
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		
<b>Insulation (input-output)</b>			
Rated insulation voltage $U_i$	V		250
Rated impulse withstand voltage $U_{imp}$	kV		4
Power frequency withstand voltage	kV		2
<b>Connections</b>			
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 <sup>2</sup>	0.2
	max	mm <sup>2</sup>	4

**Operations**

Mechanical life	cycles	30000000
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Electrical life (with rated load)	cycles	100000
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**Ambient conditions**

Temperature

Operating temperature

	min	°C	-20
	max	°C	+60

Storage temperature

	min	°C	-30
	max	°C	+80

Relative humidity	%	<90%
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Maximum Pollution degree	2
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Overvoltage category	III
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**Housing**

Execution (n° of modules)	1
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Material	Self-extinguishing polyamide
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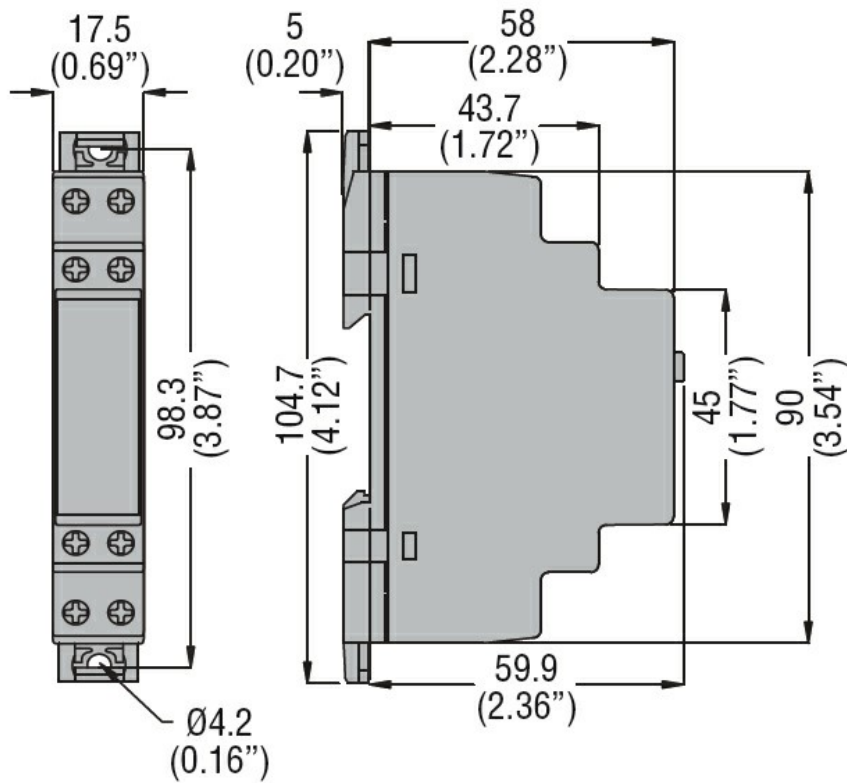
Mounting	DIN rail 35 mm
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Degree of protection	IP40 on front, IP20 terminals
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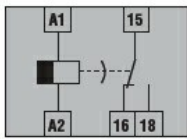
Dimensions (W x H x D)	mm	17.5 x 104.7 x 64.9
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Weight	g	80
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**Dimensions**



### 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