



### General characteristics

Description	Multifunction time relay, multiscale and multivoltage time relay, 1 relay output		
Function	Multifunction		
<b>Supply circuit</b>			
Rated auxiliary supply voltage $U_s$	12...240VAC/DC		
Rated auxiliary supply voltage $U_s$			
AC	min	VAC	12
	Max	VAC	240
DC	min	VDC	12
	Max	VDC	240
Rated frequency		Hz	50/60
Operating voltage range	0.85...1.1 $U_s$		
Maximum power consumption / dissipation		W	0.6VA/0.3W (12...48VAC/DC), 1.6VA/1.2W (110...240VAC/DC)
Immunity time for microbreakings		ms	≤25
<b>Timing circuit</b>			
Time setting range	0.1s...10days		
Setting accuracy		%	<±9
Repeat accuracy		%	<±0.5
Influence of voltage variation		%	<±0.1
Influence of temperature variation		%	<±0.2
External command input			
	Minimum ON time	ms	25
	Connention time		permanent
Resetting time			
	During timing	ms	≥100
	Elapsed time	ms	≥50
<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 $I_{th} \leq 40^\circ\text{C}$		A	8
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

### 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 <sup>2</sup> 0.2
		max	mm <sup>2</sup> 4

### Operations

Mechanical life	cycles	30000000
Electrical life (with rated load)	cycles	100000

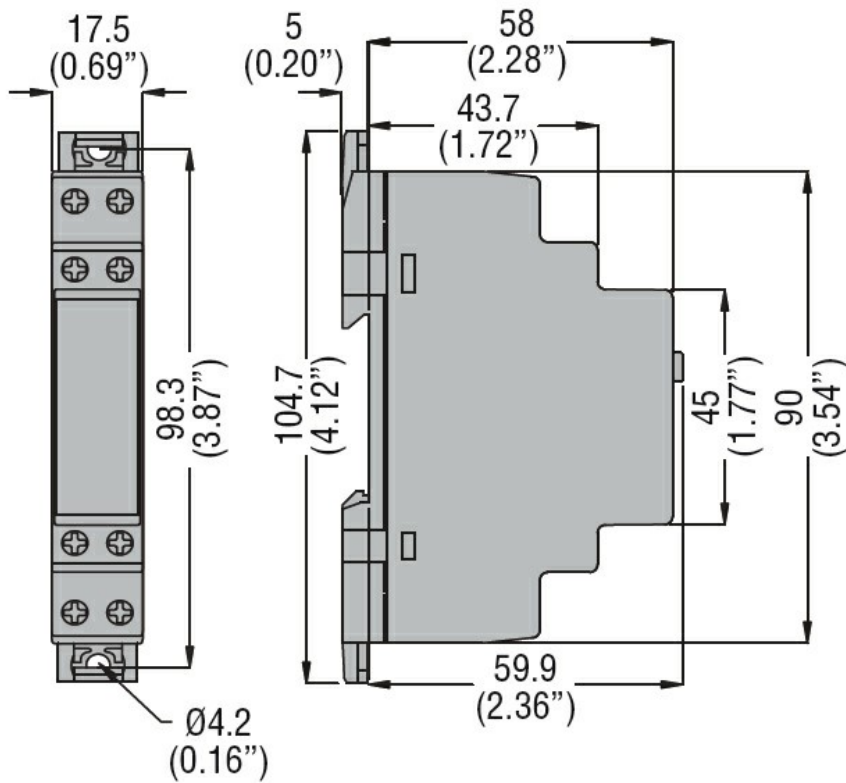
### Ambient conditions

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		

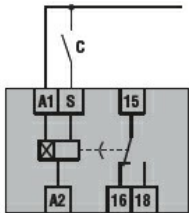
### Housing

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	86	

### Dimensions



### Wiring diagrams



### Certifications and compliance

#### Compliance

CSA C22.2 n°14  
 IEC/EN 61812-1  
 UL508

#### Certificates

cULus  
 EAC

### ETIM classification

ETIM 8.0

EC001439 -  
 Timer relay