



### General characteristics

Description	Recycle time relay with independent timings, multiscale and multivoltage
Function	Recycle time relay with independent timings

### Supply circuit

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

### Timing circuit

Time setting range			0.1s...100days
Setting accuracy		%	<±9
Repeat accuracy		%	<±0.2
Influence of voltage variation		%	<±0.1
Influence of temperature variation		%	<±0.2
External command input	Minimum ON time	ms	25
	Connenction time		permanent
Resetting time	During timing	ms	≥100
	Elapsed time	ms	≥50

### Relay outputs

Number of relays	Nr.	1
Contact arrangement		1 delayed changeover
Maximum switching voltage	VAC	250
IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	8
UL/CSA and IEC/EN 60947-5-1 designation		B300

### Insulation (input-output)

Rated insulation voltage Ui	V	250
Rated impulse withstand voltage Uimp	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

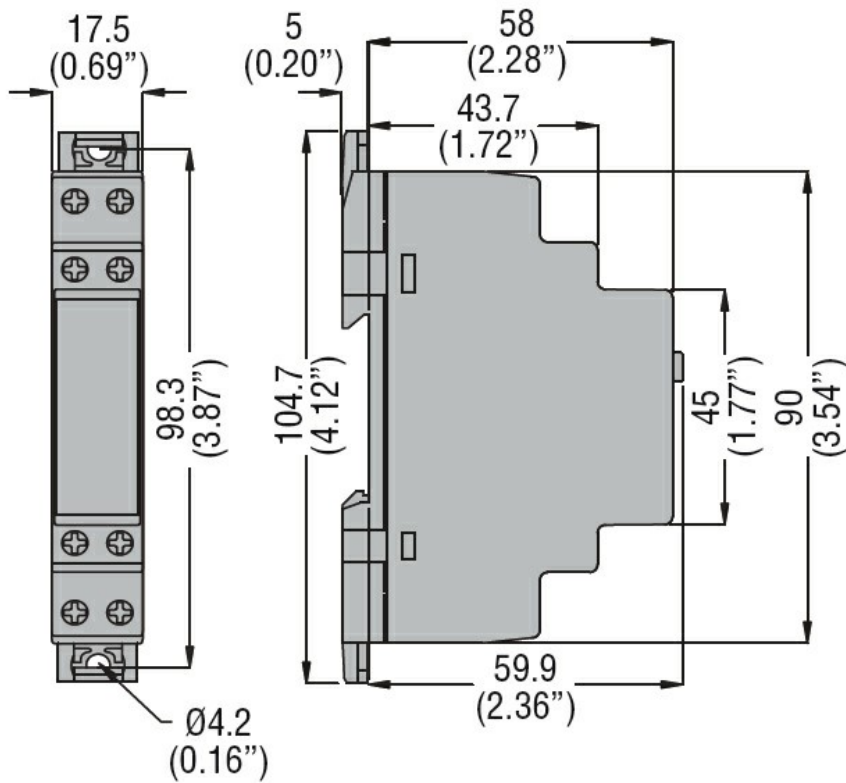
Operating temperature	min	°C	-20
	max	°C	+60
Storage temperature	min	°C	-30
	max	°C	+80

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

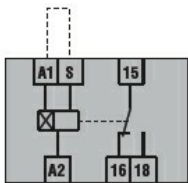
### Housing

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	82

### 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