



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 % $< \pm 9$

Repeat accuracy % $< \pm 0.2$

Influence of voltage variation % $< \pm 0.1$

Influence of temperature variation % $< \pm 0.2$

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 ² 0.2
		max	mm ² 4

Operations

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

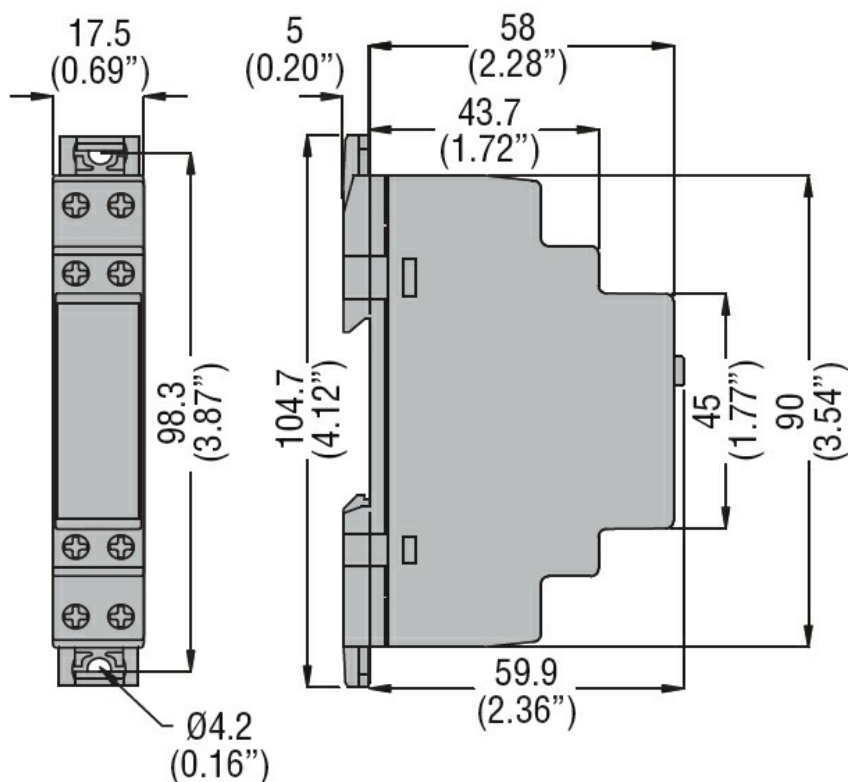
Ambient conditions

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

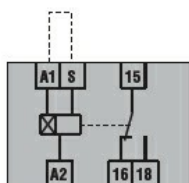
Housing

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	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