



### General characteristics

Description	Astronomical time relay. 1 relay output, with NFC technology and APP, modular version, 220...240VAC		
Function	Astronomical time relay		
<b>Supply circuit</b>			
Rated auxiliary supply voltage $U_s$	220...240VAC		
Rated frequency	Hz	50/60	
Operating voltage range	0.85...1.1 $U_s$		
Maximum power consumption / dissipation	W	7VA/1W	
Immunity time for microbreakings	ms	≤25	
<b>Timing circuit</b>			
Time setting range	0.1s...999days		
Repeat accuracy	%	<±1.0	
Influence of temperature variation	%	<±1.0	
<b>Relay outputs</b>			
Number of relays	Nr.	1	
Contact arrangement	1 delayed N/O		
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	
<b>Connections</b>			
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 <sup>2</sup> 0.2
		max	mm <sup>2</sup> 4
<b>Operations</b>			
Mechanical life	cycles	30000000	
Electrical life (with rated load)	cycles	100000	
<b>Ambient conditions</b>			

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

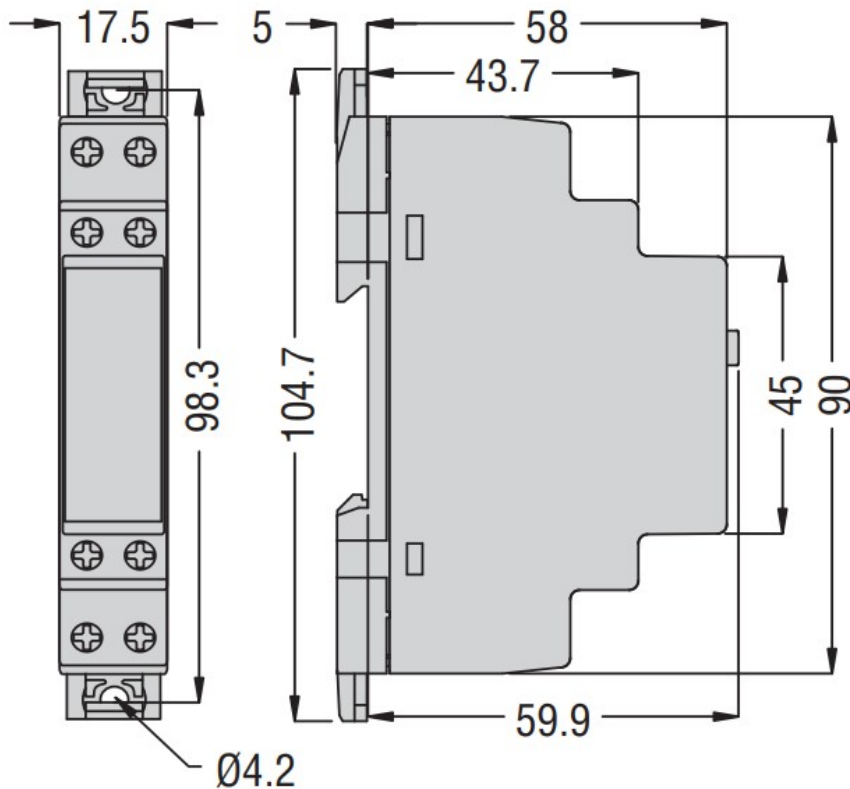
Dimensions (W x H x D)

mm 17.5 x 104.7 x 64.9

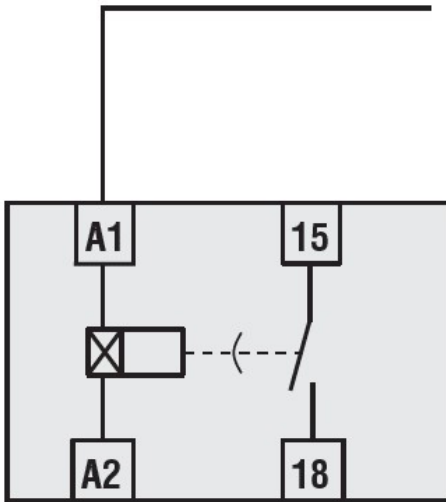
Weight

g 70

**Dimensions**



**Wiring diagrams**



### Certifications and compliance

#### Compliance

IEC/EN 61812-1

#### Certificates

CCC

CE

EAC

UKCA

### ETIM classification

ETIM 8.0

EC001439 -  
Timer relay