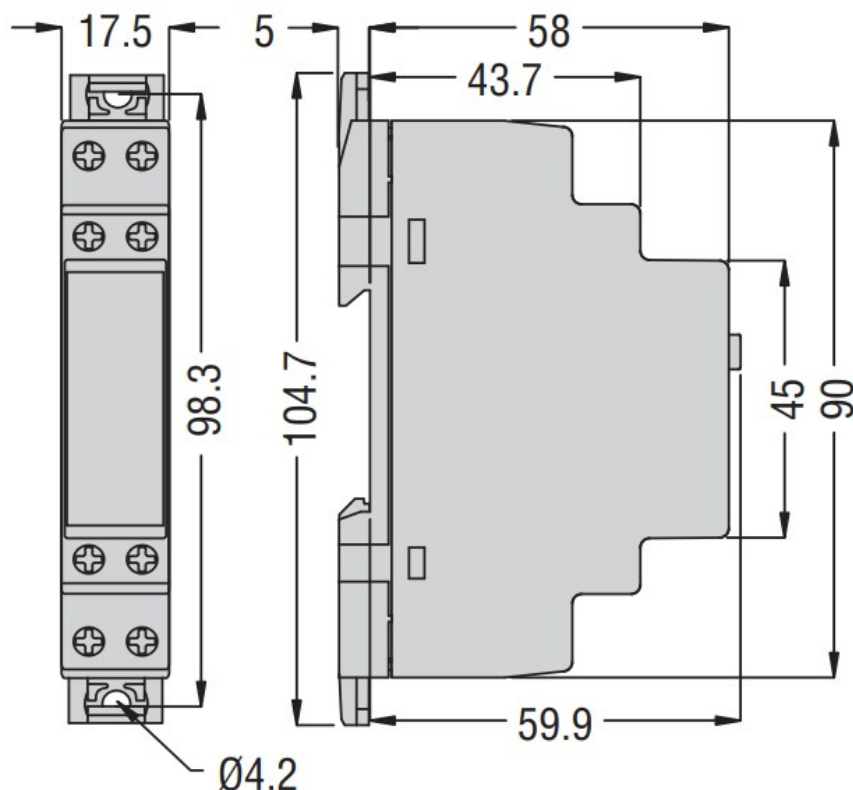




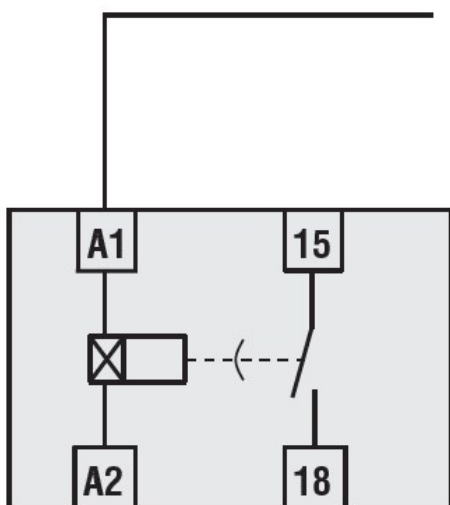
Product designation	Time relay		
Product type designation	TMRTC		
Number of DIN modules	1		
General characteristics			
Description	Weekly time relay. 1 relay output, with NFC technology and APP, modular version, 220...240VAC		
Function	Weekly time relay		
Supply circuit			
Rated auxiliary supply voltage 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	
Timing circuit			
Time setting range	0.1s...999days		
Repeat accuracy	%	<±1.0	
Influence of temperature variation	%	<±1.0	
Relay outputs			
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		
Insulation (input-output)			
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 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	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