FR



Time relays

- multifunctional
- switching on and off delays
- cyclic
- digital (electronic)

Use in automation and control systems for equipment such as pumps, motors, lighting, heating, etc.

Temperature regulators

They are used to maintain a given temperature regime, heating of premises, control of heating and cooling devices.

Voltage control relays

They are used to monitor the mains voltage and shut down equipment in the event of an increase or decrease in the mains voltage, asymmetry, or incorrect phase sequence.

Twilight switches

- twilight relay
- staircase lighting relay

They are used to automatically turn on the lighting at dusk and turn it off at dawn. For turning on and off the lighting on stairs with a delay or from different floors.

Impulse relays

- Pulse - bistable relays with memory

They are used in automation systems to control lighting or any device from different points.

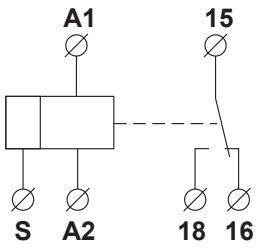


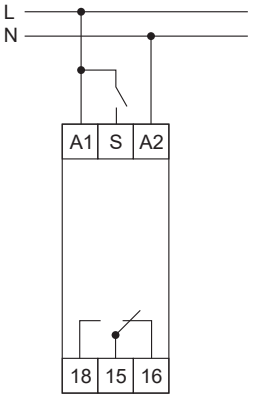
It is used for different switching options depending on the time.
Used in automation and equipment control systems.

Technical specifications

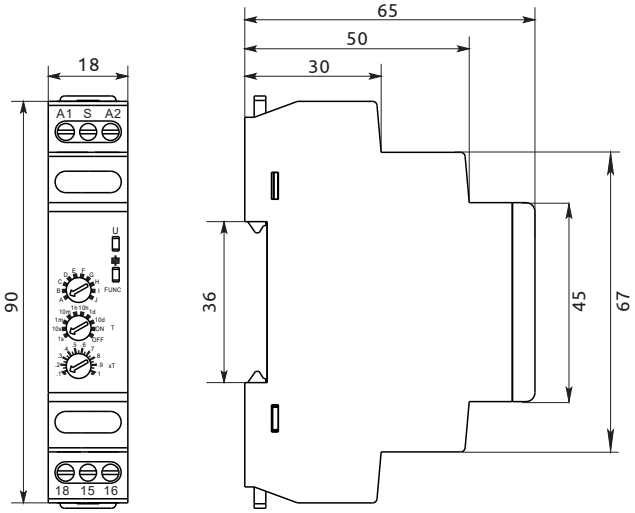
Series	FRT14 12
Standards	EN/IEC 60730-1, EN/IEC 60730-2-7
Power supply terminals	A1, A2
Pulse terminal	S
AC/DC supply voltage, V	12-240
Rated frequency f, Hz	50/60
Time range	0.1s - 10 days
Installation accuracy	<5%
Repeat accuracy	<0.2%
Number of contacts	1 C/O
Rated current of contacts In, A	8A/AC1
Insulation voltage Ui, V	250
Degree of protection	IP20
Pollution level	3
Electrical wear resistance	10^5
Mechanical wear resistance	10^6
Cross-section of connecting conductors, mm²	0.5-2,5
Bolt clamping torque, Nm	0.5
DIN rail mounting	TN35

Schematic diagrams





Overall dimensions



Order code	Full name of	Packaging, pcs		Gross weight, kg		
		Packaging	Box	Unit	Packaging	Box
FRT14 12	Multifunction time relay FRT14 12 12-240VAC/DC,50/60HZ	1	100	0,070	0,080	8,000