

Timetec10F

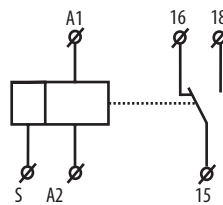
Multifunction Timer Relay



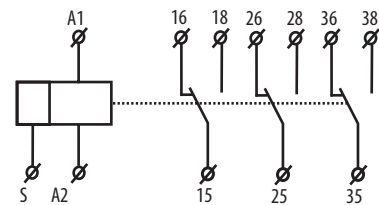
The Timetec10F Multifunction Timer Relay is available in two different versions (1 or 3 changeover contacts), both with 10 different functions available and a time range of between 0.1 second - 10 days.

- 10 Function Timer
- Available with 1 Changeover Contact or 3 Changeover Contacts
- Rated Current 16A (1 C/O) or 8A (3 C/O)
- Supply Voltage 12 - 240V AC/DC
- Time Range 0.1 second to 10 days

Timetec10F-1



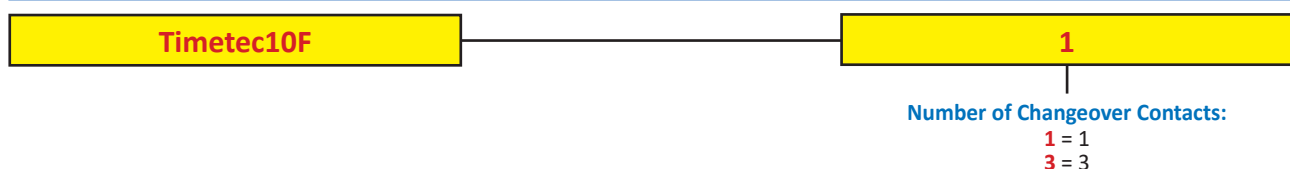
Timetec10F-3



Timetec10F Technical Specification

	Timetec10F-1	Timetec10F-3
Number of Functions	10	
Supply Terminals	A1 - A2	
Supply Voltage Consumption	AC/DC 12 - 240V (AC50 - 60Hz) AC: 0.7 - 3VA / DC: 0.5 - 1.7W	
Supply Voltage Tolerance	-15%; +10%	
Time Ranges	0.1s - 10 days	
Time Setting	Rotary Switch and Potentiometer	
Time Deviation	5% Mechanical Setting	
Repeat Accuracy	0.2% Set Value Stability	
Temperature Coefficient	0.01% / °C, Reference Value = 20°C	
Changeover Contacts	1 x Changeover (AgNi)	3 x Changeover (AgNi)
Rated Current	16A / AC1	8A / AC1
Switching Capacity	4000VA / AC1, 384W / DC	2000VA / AC1, 192W / DC
Inrush Current	30A / < 3s	10A / < 3s

Timetec10F Ordering Scheme





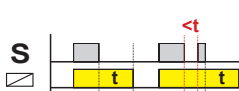
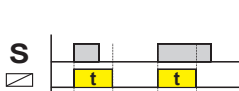


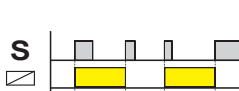
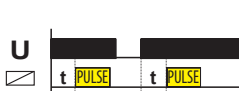


Techna TIMER RELAYS

Timetec10F Technical Specification

	Timetec10F-1	Timetec10F-3
Switching Voltage	250V AC1 / 24V DC	
Min. Switching Capacity DC	500mW	
Mechanical Life	3x10 ⁷ Operations	
Electrical Life (AC1)	70,000 Operations	
Power Consumption	AC: 0.025 - 0.2VA / DC: 0.1 - 0.7W	
Load Between S-A2	Yes (if required)	
Control Terminals	A1-S	
Impulse Length	Min. 25ms / Max. Unlimited	
Reset Time	Max. 150ms	
Operating Temperature	-20 to +55°C	
Storage Temperature	-30 to +70°C	
Electrical Strength	4kV (Supply Output)	
Operating Position	Any	
Mounting	DIN-Rail EN 60715	
Protection Degree	IP40 from Front Panel / IP20 Terminals	
Overvoltage Category	III	
Pollution Degree	2	
Max. Cable Size (mm ²)	1x 2.5, 2x 1.5 / 1x 2.5 with Ferrule	
Dimensions	90 x 17.6 x 64mm	
Weight	64g	89g
Standards	EN 61812-1, EN 61010-1	

Timetec10F Functions

- a  - Delay ON after energisation
- b  - Delay OFF after energisation (immediate OFF if supply fails)
- c  - Timer starts with pause after energisation
- d  - Timer starts with impulse after energisation
- e  - Delay OFF after de-energisation
- f  - Delay OFF regardless of control contact signal duration
- g  - Delay OFF after break of control contacts (not re-triggerable)
- h  - Delay ON, Delay OFF following make and break of control contacts
- i  - Impulse Relay (latching)
- j  - Pulse Generator