

- Low cost
- 4-digit LED display
- Time setting via push-wheel switch
- Improved precision
- ON and OFF delay
- Controls main and auxiliary relay
- 48x48 mm DIN-sized front panel
- Panel or rail mounting

DESCRIPTION

With its 48x48 mm DIN-sized front panel, the BAT04 timer is especially suitable for building in machines and installations where compact size is important. A 4-digit LED display indicates the current time, and the delay is set by push-on wheels (BCD coders), which greatly simplifies the setting and improves accuracy. Equipped with 2 relay outputs – main and auxiliary relay – BAT04 can be used for timing control (switching on and off) of various electrical actuators. The main relay is time operated, and the auxiliary relay is activated at power-on or simultaneously with the main relay. In spite of its simple design and low price, BAT04 has all main functions of a modern electronic timer and can be widely used in industry and consumer goods.



TECHNICAL SPECIFICATIONS

Construction : Panel design to standard DIN or DIN-rail
Housing : Plastic
Isolation : Input to output to supply
Indication : 4 digit LED, 9mm high, 2 LED for relay state
Push-wheel switch : For adjustment

MODES

Ranges : 0,0-99,9 or 0-999 seconds or minutes
Delay : ON or OFF
Timing start : At power on

OUTPUT (Up to 2-main and auxiliary)

Relay : 250VAC 5A, NO/NC contact
SSR : 1A/250VAC
MOS gate : 0;1A/60V, optically isolated
Transistor gate : Open collector NPN 40V/40mA
Extern SSR : 12-24VDC/30mA
Relay function : Main timer relay time operated
 Auxiliary relay activates at power on

INSTALLATION

Supply : 230, 115, 24 VAC, 24VDC
Ambient temp : -10 to +65°C, RH 0 till 85%
Mounting : Panel with bracket or 8-pin socket
Protection class : IP54 front , IP20 rear
Dimension : B48 x H48x D95mm (103w/socket) (
Weight : 250g with bracket

PERFORMANCE

Accuracy error : 0,05%
Power consumption : 2 VA
EMC : EN 50081-1, EN 50082-2, EN 61010-1
 73/23/EEC & 89/336/EEC



ORDER INFORMATION

BAT04	OUTPUT	TIME RANGE
SUPPLY	X None	LS 0-99,9s
230VAC	C Relay	HS 0-999s
B 115VAC	D SSR	LM 0-99,9min
K 24-250VDC	E NPN	HM 0-999min
D 24VDC	J Extern SSR	
Q 12-24V(isolated)	M Mos gate	

OPERATING MODE

D Delay ON
 E Delay OFF