



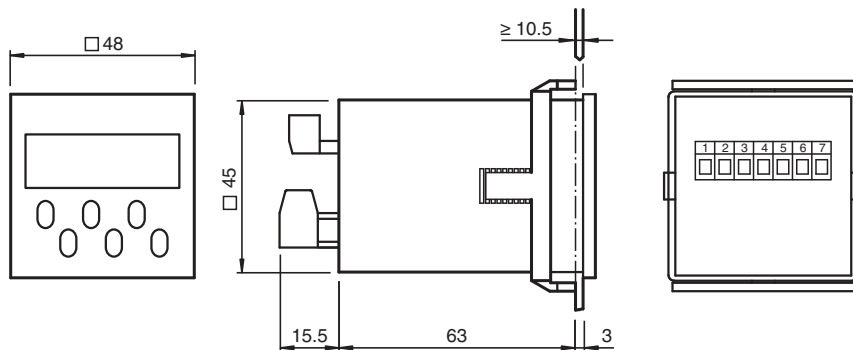
## Timer, Counter KCY1-6SR-B

- Simple pre-selection setting via one button per decade
- Easy-to-read 2-line LCD indicator
- With battery operation
- Relay output
- Input for keypad locking
- Pulse and time batch controller with counter and reset input

Pulse/batch controller



### Dimensions



### Technical Data

#### General specifications

Pre-selection	single
Data storage	5 x 10 <sup>6</sup> switching cycles or 8 years
Programming	keypad-driven menu

#### Indicators/operating means

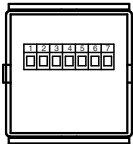
Type	2-line, 7-segment LC display with signs
Number of digits	6
Display value	digit height 7 mm
Pre-selection	digit height 4.5 mm
Key interlock	via external "high" signal

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## Technical Data

Display interval		0 ... 999999 Display area for the time batch controller: seconds, minutes, hours
Decimal point		0 to max 3 fractional digits
Scale factor		-
Refresh cycle of the measured value output		0.1 ... 99.9 seconds, programmable
Reset		manually or external
<b>Electrical specifications</b>		
Operating voltage	$U_B$	Battery 2 x 3.6 V
<b>Input</b>		
Counting frequency		max. 30 Hz
Impedance		110 kOhm
Counting method		adding or subtracting
<b>Output</b>		
Relay		normally open contact (max. 60 VA) 230 V AC/0.5 A; 60 V DC/2 A
Response time		< 20 ms
<b>Ambient conditions</b>		
Ambient temperature		-20 ... 65 °C (-4 ... 149 °F)
Storage temperature		-20 ... 60 °C (-4 ... 140 °F)
Relative humidity		≤ 80 % (noncondensing)
<b>Mechanical specifications</b>		
Mass		80 g
Dimensions		48 mm x 48 mm x 85 mm
Mounting		latch fastener (dimension 50.5 mm x 54.5 mm)

## Connection



Terminal No.	
1	+3 V DC for terminal 2
2	Input of push-button lock
3	Relay contact
4	Relay contact
5	AC/DC optocoupler count input
6	AC/DC optocoupler reset input
7	Common AC/DC input for terminals 5 and 6