



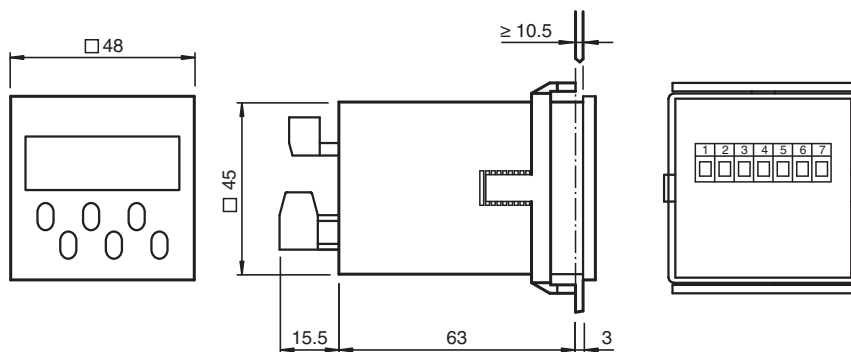
Timer, Counter KCY1-6SR-B

- 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 ⁶ switching cycles or 8 years
Programming	keypad-driven menu

Functional safety related parameters

MTTF _d	1100 a
Mission Time (T _M)	10 a
Diagnostic Coverage (DC)	0 %

Indicators/operating means

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

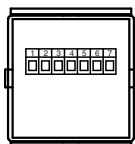
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

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
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
Electrical specifications		
Operating voltage	U _B	Battery 2 x 3.6 V
Input		
Counting frequency		max. 30 Hz
Impedance		110 kOhm
Counting method		adding or subtracting
Output		
Relay		normally open contact (max. 60 VA) 230 V AC/0.5 A; 60 V DC/2 A
Response time		< 20 ms
Ambient conditions		
Ambient temperature		-20 ... 65 °C (-4 ... 149 °F)
Storage temperature		-20 ... 60 °C (-4 ... 140 °F)
Relative humidity		≤ 80 % (noncondensing)
Mechanical specifications		
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