



### Model Number

**KCM-51-C**

### Features

- Electromechanical summator
- 5 decade devices
- Counter frequency 10 Hz
- Manual reset
- Power supply 24 V DC or 230 V AC
- Fixing with latch fastener for easy installation
- Protection degree IP42 in accordance with DIN EN 60529 (front only)
- Shock resistance in accordance with DIN EN 60068-2-27
- Vibration resistance in accordance with DIN EN 60068-2-6

### Technical data

#### Functional safety related parameters

|                                |        |
|--------------------------------|--------|
| MTTF <sub>d</sub>              | 2400 a |
| Mission Time (T <sub>M</sub> ) | 20 a   |
| Diagnostic Coverage (DC)       | 0 %    |

#### Indicators/operating means

|                  |                   |
|------------------|-------------------|
| Type             | digital display   |
| Number of digits | 5                 |
| Display value    | digit height 4 mm |
| Reset            | manually          |

#### Electrical specifications

|                   |                |         |
|-------------------|----------------|---------|
| Operating voltage | U <sub>B</sub> | 24 V DC |
| Power consumption | P <sub>0</sub> | 0.6 W   |

#### Input

|                             |               |
|-----------------------------|---------------|
| Pulse length/pulse interval | 50 ms / 50 ms |
| Counting frequency          | 10 Hz         |

#### Ambient conditions

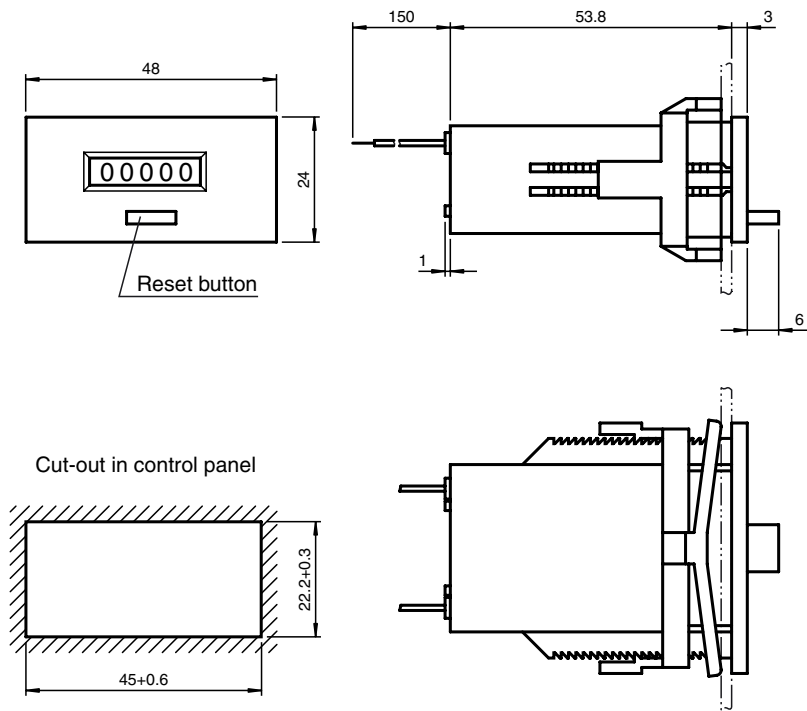
|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -10 ... 50 °C (14 ... 122 °F)  |
| Storage temperature | -40 ... 90 °C (-40 ... 194 °F) |
| Relative humidity   | ≤ 80 % (noncondensing)         |

#### Mechanical specifications

|            |                                      |
|------------|--------------------------------------|
| Connection | flexible leads AWG 22<br>150 mm long |
| Mass       | 62 g                                 |
| Dimensions | 48 mm x 24 mm x 59 mm                |
| Mounting   | latch fastener                       |
| Life span  | > 50 x 10 <sup>6</sup> pulses        |

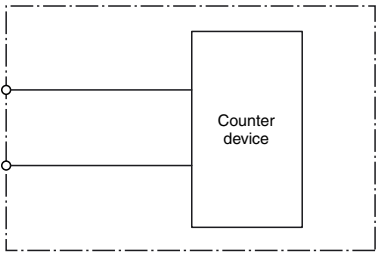


Dimensions



Electrical connection

DC Supply



AC Supply

