## Micro counters | High shock resistance, for DIN-rail (AC+DC) | SK 07



**The micro-totalisers SK 07 boast a very high level of shock resistance.**

**Their DIN-rail mounting allows them to be installed quickly and easily in a wide range of application areas.**

### Characteristics

- 7-digit micro-totalisers.
- Rail mounting to EN 50022.
- Base mount counters.
- Large optical figures.
- Low power consumption.
- Small dimensions.

### Benefits

- High shock resistance.
- Stores values if power fails.
- Long service life.

### Applications

General quantity counting, installation in control cabinets and distribution boxes.

### Type series

| *Description* | *Order-No.* |
|---|---|
| Base mounting and rail mounting | **SK 07.1** |

*Order information*
- Art.-No.
- For options please give exact counter type, voltage and options e.g.: SK 07.1 – 9 V DC/0 – temperature range -20°C ... +70°C [-4°F ... +158°F]

### Technical data

| | | |
|---|---|---|
| **Electrical connection** | | clamp terminal for cable diameter up to 2.5 mm², tightening torque max. 0.8 Nm |
| **Power consumption** – at 20°C [68°F] | | |
| | at 10 Hz (type 0) | approx. 50 mW |
| | at 25 Hz (type 1) | approx. 250 mW |
| | at 10 Hz (type a0) | approx. 800 mVA |
| **Rated voltage** | type 0 | 1.5/3/4.5/5/6/12 V DC, -10 %, +20 % |
| | type 1 | 3/4.5/5/6/12/24 V DC, ±10 % |
| | type a0 | 12/24/115/230 V AC, ±10 % |
| **Counting frequency** | | max. 10 and 25 Hz |
| **Pulse duration** | bei 10 Hz | min. 50 ms (type 0 and a0) |
| | bei 25 Hz | min. 20 ms (type 1) |
| **Cycle duration factor** | | 100 % |
| **Number of digits** | | 7 |
| **Counting system** | | adding |
| **Height of figures** (optical) | | 4 x 1.2 mm [0.16 x 0.047"] |
| **Colour of figures** | | white on black |
| **Reset** | | no reset |
| **Operating temperature** | | -10°C ... +60°C [+14°F ... +140°F] (non-condensing) |
| **Mounting position** | | horizontal, other on request |
| **Operating life** | | > 50 x $10^6$ pulses |
| **Protection** | | IP50 (front side) |
| **UL approval** | | File E43429 |
| **Housing** | | plastic black PC (Polycarbonate) |
| **Weight** | | 55 g [1.94 oz] |

### Options

– Electrical connection: flat pin 0.8 x 6.3 mm [0.032 x 0.25"], Art.-No.: 1.1X2.X01.XXX.011
– different voltages
– different digit colours
– different temperature range depends on type
-30°C ... +85°C [-22°F ... +185°F] or
-20°C ... +70°C [-4°F ... +158°F]


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# Pulse counters, electromechanical

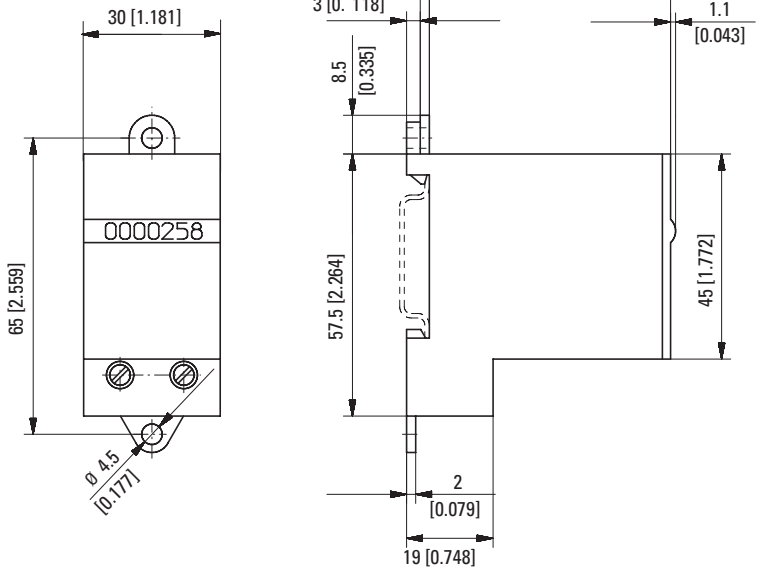


## Micro counters | High shock resistance, for DIN-rail (AC+DC) | SK 07

**Base- and rail mounting**

**Type SK 07.1**




1 Coil connections

| Type | Voltage | Display | Art.-No. 12 V | 24 V | 115 V | 230 V | |
|---|---|---|---|---|---|---|---|
| **SK 07.1** | DC (10 Hz) / 0 | 7 digits | **1.132.101.012** | **1.132.101.013** 1) | | | |
| | DC (25 Hz) / 1 | | **1.132.101.032** | **1.132.101.033** 1) | | | |
| | AC (10 Hz) / a0 | | | **1.132.101.051** 1) | **1.132.101.054** 1) | **1.132.101.056** 1) | |

Dimensions in mm [inch]

1) Stock types

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