

# Dual-function electromechanical counters

## → Dual-function counters (hour counter and impulse counter) 48 x 48 -

- Dual-function counter (hour counter and impulse counter)
- $V\sim$  : capacity 100.000 hrs (99.999.99 hrs)
- $V\text{---}$  : capacity 1.000.000 hrs (999.999.99 hrs)
- Operation indicator
- Panel mounted
- IP52
- Highly resistant to shocks and impacts
- Excellent visibility thanks to the large digit size



### Part numbers

#### CMM48

| Type  | Operating frequency (Hz) | Voltages              | Code     |
|-------|--------------------------|-----------------------|----------|
| CMM48 | 50                       | 20 → 30 $V\sim$       | 99779710 |
|       | 50                       | 100 → 130 $V\sim$     | 99779712 |
|       | 50                       | 187 → 264 $V\sim$     | 99779714 |
|       | 60                       | 20 → 30 $V\sim$       | 99779718 |
|       | 60                       | 100 → 130 $V\sim$     | 99779715 |
|       | 60                       | 187 → 264 $V\sim$     | 99779716 |
|       | $V\text{---}$            | 10 → 30 $V\text{---}$ | 99779810 |

### Accessories

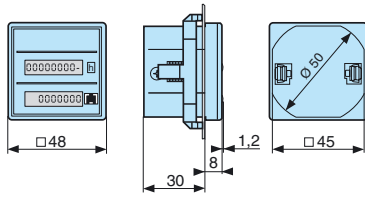
| Description                    | Code     |
|--------------------------------|----------|
| Adaptor for 72 x 72 mm cut-out | 26546842 |
| Adaptor for 55 x 55 mm cut-out | 26546846 |

### General characteristics

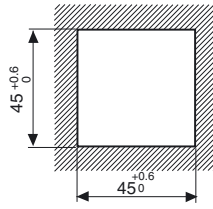
| General characteristics             |   |
|-------------------------------------|---|
| Counting capacity                   | $V\sim$ : 99.999.99 hrs<br>$V\text{---}$ : 999.999.99 hrs   |
| Reset to zero                       | Not included  |
| Read accuracy                       | 1/100 h   |
| Height digits (mm)                  | 4   |
| Colour of hour numbers              | White on a black background   |
| Colour of decimal digits            | Red on a black background   |
| Accuracy                            | $V\sim$ : frequency + 30 ms<br>$V\text{---}$ : < 0.003% (24 hrs)  |
| Counting input mode                 | Addition  |
| Operation indicator                 | $V\sim$ : rotating red lines<br>$V\text{---}$ : 1/100 hr 1 digit in 36 s  |
| Degree of protection front face     | IP52  |
| Mounting position                   | Any   |
| Temperature limits use (°C)         | -15 → +50   |
| Temperature limits stored (°C)      | -40 → +80   |
| Certifications                      | CE - UL (pending)   |
| Connections (panel mounted version) | Screw terminals - 6.35 mm Faston connectors   |
| Connection capacity                 | 2.5 mm <sup>2</sup>   |
| Consumption                         | $V\text{---}$ : 10 → 30 approx. 1 W<br>$V\sim$ 50 Hz: 20 → 30 approx. 0.53 VA<br>100 → 130 approx. 1.43 VA/187 → 264 approx. 3 VA |
| Vibration resistance                | 50 m/s <sup>2</sup> (10-500 Hz) IEC 068-2-6   |
| Test voltage for AC models          | 2 000 $V\sim$ 50 Hz   |
| Weight (g)                          | 65  |

## Dimensions (mm)

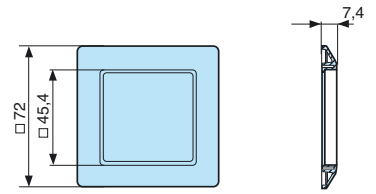
### Panel mounted



### Panel cut-out



### 26546842 - Adaptor for 72 x 72 mm cut-out



### 26546846 - Adaptor for 55 x 55 mm cut-out

