

## Electromechanical hour counters

### → Hour counters 15 X 32 - CHM15

- Capacity 100.000 hrs (99.999.99 hrs)
- Wide range of voltages: 4.5 → 35 V $\overline{\text{---}}$
- Panel mounted
- IP65
- Highly resistant to shocks and impacts
- Compact size
- Excellent visibility thanks to the large digit size



#### Part numbers

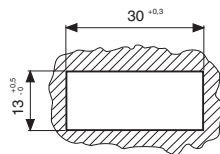
Type	Operating frequency (Hz)	Voltages	Code
CHM15	$\overline{\text{---}}$	4.5 → 35 V $\overline{\text{---}}$	99792810

#### General characteristics

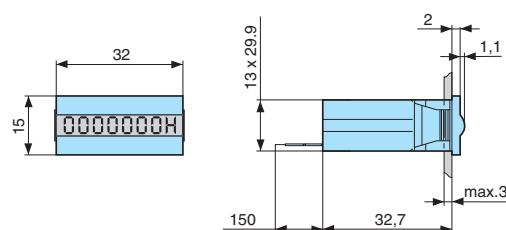
General characteristics	
Counting capacity	99.999.99
Reset to zero	Not included
Read accuracy	1/100 h
Height digits (mm)	4
Colour of hour numbers	White on a black background
Colour of decimal digits	Red on a black background
Accuracy	V $\overline{\text{---}}$ : < 0.003% (24 hrs, 25°C)
Counting input mode	Addition
Degree of protection front face	IP65
Mounting position	Horizontal readout of digits
Temperature limits use (°C)	-10 → +60
Temperature limits stored (°C)	-40 → +80
Certifications	CE - UL (pending)
Connections (panel mounted version)	Flying leads: 150 mm
Consumption	5 V $\overline{\text{---}}$ approx. 82 mW/12 V $\overline{\text{---}}$ approx. 135 mW/24 V $\overline{\text{---}}$ approx. 135 mW/ max 170 mW
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)	20

#### Dimensions (mm)

##### Panel cut-out



##### CHM15



## Electromechanical hour counters

### → DIN rail mounting hour counters - CHMDR

- Width equivalent to 2 modules
- Capacity 100.000 hrs (99.999.99 hrs)
- Extended temperature range: -10 → +70°C ( $\sim$  version)
- DIN rail mounted according to EN 50022
- IP65 on panel
- Highly resistant to shocks and impacts
- Colour: RAL 7035 grey
- Screw terminals



#### Part numbers

Type	Operating frequency (Hz)	Voltages	Code
CHMDR	50	24 V $\sim$	99793710
	50	115 V $\sim$	99793712
	50	230 V $\sim$	99793714
	$\overline{\text{---}}$	10 → 27 V $\overline{\text{---}}$	99793810

#### Accessories

#### General characteristics

General characteristics	
Counting capacity	99.999.99
Reset to zero	Not included
Read accuracy	1/100 h
Height digits (mm)	3.5
Colour of hour numbers	White on a black background
Colour of decimal digits	Black on a white background
Accuracy	V $\sim$ /V $\overline{\text{---}}$ : < 0.01% (24 hrs)
Counting input mode	Addition
Degree of protection front face	IP 65 face avant
Tolerance	V $\sim$ $\pm$ 10%
Temperature limits use (°C)	V $\sim$ : -10 → +70 V $\overline{\text{---}}$ : -10 → +50 (sans condensation)
Temperature limits stored (°C)	-40 → +80
Certifications	CE
Connection	Screw terminals
Consumption	V $\sim$ : approx. 2.5 VA V $\overline{\text{---}}$ : approx. 1 W
Vibration resistance	1G (10-500 Hz)
Test voltage for AC models	2 000 V $\sim$ 50 Hz
Weight (g)	60

#### Dimensions (mm)

##### CHMDR

