

# Electromechanical impulse counters

## → Impulse counters - CIM 36 x 37

- 5 or 6 digits, height of digits 4 mm
- With or without manual reset
- White digits on a black background



### Part numbers

Type	Number of digits	Operating frequency (Hz)	Voltages	Code
Without manual reset	6	50 / 60	230 V~	99776601
	6	50 / 60	115 V~	99776602
	6	50 / 60	24 V~	99776604
	6	V---	110 V---	99776605
	6	V---	24 V---	99776607
With manual reset	5	50 / 60	230 V~	99776610
	5	50 / 60	115 V~	99776611
	5	50 / 60	24 V~	99776613
	5	V---	24 V---	99776616

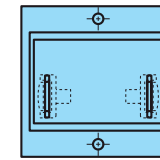
### General characteristics

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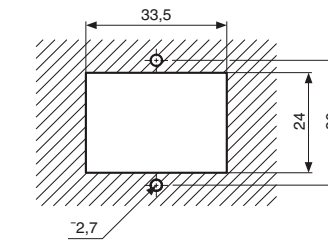
Counting capacity	999.999 impulses without manual reset 99.999 impulses with manual reset
Height digits (mm)	4
Max. count rate	V~ → 18 impulses/s V--- → 25 impulses/s
Min. count rate	V~ → 28 ms V--- → 20 ms
Min pause time between 2 pulses	V~ → 28 ms V--- → 20 ms
Max. pulse length (count coil)	Unlimited
Voltage variation	+ 10% / -15% Un
Consumption	24 V~ / 115 V~ : 1.1 VA 230 V~ : 2.1 VA 110 V--- : 1 W 24 V--- : 0.8 W
Mechanical life count function (operations)	> 50 x 10 <sup>6</sup>
Test voltage according to standard IEC 255-5	U < 60 V: 500 V U > 60 V: 2 000 V
Protection Housing	IP40
Degree of terminal protection	IP00
Environmental protection	Plated or stainless steel components
Maintenance	None
Operating position	Any
Temperature limits use (°C)	- 10 → +60
Temperature limits stored (°C)	- 40 → +80
Certifications	CE
Connection	6.35 Faston connectors or screw terminals
Mounting	2 x 2.5 Ø screws - F90° on front face
Weight (g)	50

### Dimensions (mm)

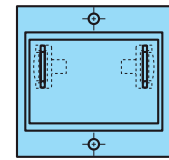
#### 9977660 - Rear faces



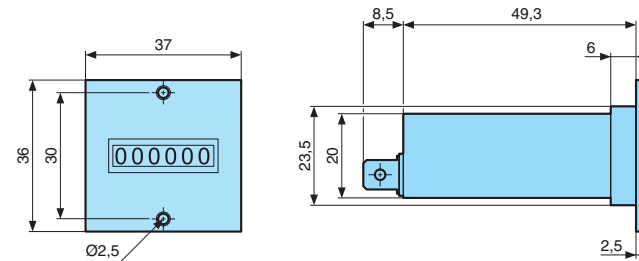
#### Panel cut-out



#### 9977660 - Rear faces



#### 9977660 - 6 digits



#### 9977661 - 5 digits

