

Types 872-877



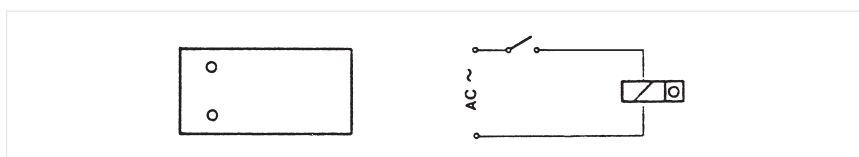
TECHNICAL DATA

- Miniature size
- 4, 5, 6 or 7-digit display
- Connection with AMP plug
- With or without reset
- Simple attachment

Display	4, 5, 6 or 7-digit, depending on version
Digit height	4 mm
Supply voltage V_{op}	according to order information table $\pm 10\%$, 230 VAC $+6-10\%$ *
Current consumption	DC versions 1.5 W; AC versions 2.5 VA
Operating temperature	$-10 \dots +50\text{ }^{\circ}\text{C}$
Storage temperature	$-20 \dots +85\text{ }^{\circ}\text{C}$
El. connection	AMP plug 0.8 x 2.8 mm
Mounting	Central or clamping spring attachment, depending on version
Protection class (EN 60529)	Typ 872/874/876/877 – front IP 40
	Typ 873/875 – connections IP 00 – front IP 30 – connections IP 00
General design	EN 61010-1, EN 50178 Protection class II Contamination class 2 Overvoltage category II
Noise emittance EMC	EN 50081-2
Noise immunity EMC	EN 50082-2
Duty cycle at 25 °C	100 %
Maintenance-free operation	10^7 pulses
Weight	approx. 80 g
Approvals	UL: E 41784-6
Count input	adding
Pulse length min.	DC versions 25 ms, AC versions 50 ms
Counting frequency max.	DC versions 20 Hz, AC versions 10 Hz
Pulse duty factor	1:1
Reset	depending on version – manual with button – none

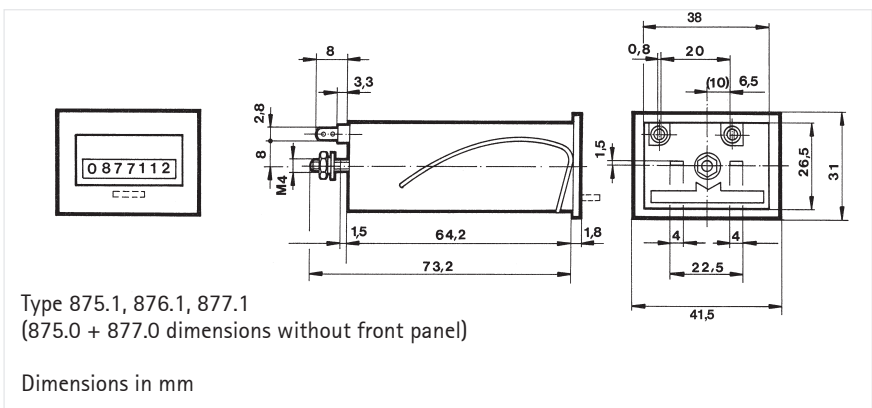
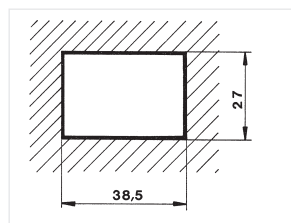
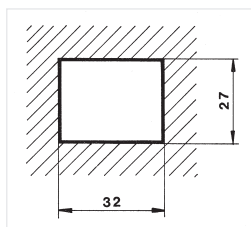
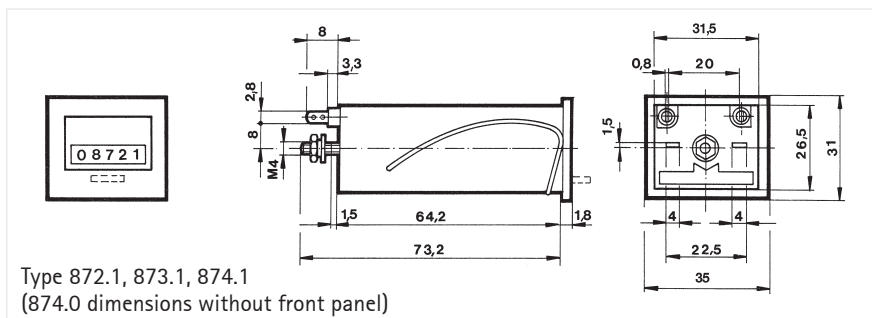
* Not to be connected to a DC-Network.

CONNECTION DIAGRAM



Technical data

DIMENSIONS



ORDER INFORMATION

Counters with front panel attachment

Voltage	Ω
12 V DC	120
24 V DC	375
24 V AC	190
110 V AC	5000
230 V AC	6000

4-digit without reset	with reset	5-digit without reset	with reset	6-digit without reset	7-digit without reset
0 872 106	0 873 106	0 874 106	0 875 106	0 876 106	0 877 106
0 872 107	0 873 107	0 874 107	0 875 107	0 876 107	0 877 107
	0 873 112		0 875 112	0 876 112	0 877 112
0 872 113	0 873 113	0 874 113	0 875 113	0 876 113	0 877 113
0 872 114	0 873 114	0 874 114	0 875 114	0 876 114	0 877 114