Counters
Electromechanical counter/hour meter
Types ECH4

CARLO GAVAZZI

ECH4

- 2 instruments combined
- No reset
- High shock resistance
- Magnified figures

Product Description

This device is a combination of 2 instruments into a single housing. It features an hour meter in combination of pulse counter. It is suitable to measure service intervals together with counting, respiratory ventilators, UV lamps and small appliances.

Approvals

CE cULus RoHS COMPLIANT

Ordering Key

ECH4 0 071

Type
Housing type
Supply Voltages
Stock items: ECH40075
ECH40084
ECH40351

Housing

0	(fig.1)
1	(fig.2)
2	(fig.3)

Supply Voltages and Consumption[1]

	Supply voltage	Power Consumption		
		AC 50Hz	AC 60Hz	VDC
071	20÷30	0.53VA	-	-
081		-	0.53VA	-
072	42÷48	0.53VA	-	-
082		-	0.53VA	-
074	100÷130	1.43VA	-	-
084		-	1.43VA	-
381		-	-	11.75W
075	187÷264	3.0VA	-	-
085		-	3.0VA	-
351	10÷30	-	-	1W
353	36÷80	-	-	1.65W

Measuring Specifications

Counting mode	adding
Accuracy	
AC	supply frequency +30ms
DC	<0.003% (24h)
Reset	No
Hour meter	
AC	999999.99h (8th digit rotating dash)
DC	999999.99h (last digit 1 turn every 36s)
On time	100%

General Data

Dimensions of digits	1.7x4mm/0.066"x0.158"
Colour of digit figures	
pulse counter	White on Black
hour meter	White on Black for Hours Red on Black for decimals
Figures shaft	Stainless steel
Operating temperature	-15…+50°C/5…122°F
Operating life	>50x10⁶ pulses
Mounting position	Any
Connections	Flat pin 0.8x6.3mm with screw terminals tightening max. torque 0.8Nm
Degree of protection	IP65 (front)
Housing colour	Black RAL 9005
Weight	65g/2.29oz

Meter with separate connections (rear view)

Hour meter   Adding Counter
Sw+   Gr
Red+
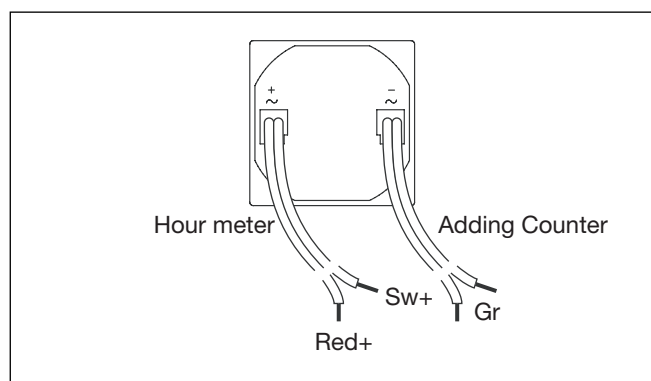
[1] The available voltages are those where the consumption is indicated

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Dimensions mm/inches

Panel cut-out

□ 48 [1.89]

1.2 [0.047]
8 [0.315]
30 [1.181]

Ø50 [1.969]
□ 45 [1.772]

□ 46 [1.811]

Fig. 1 housing type 0

Panel cut-out

□ 55 [2.166]

1.2 [0.047]
9.5 [0.374]
28.5 [1.122]

Ø50 [1.969]
□ 45 [1.772]

Ø50.5 [1.988]

1 max. 6,5 [0.256"]

Fig. 2 housing type 1

Panel cut-out

□ 72 [2.835]

1.2 [0.047]
9.5 [0.374]
28.5 [1.122]

Ø50 [1.969]
□ 45 [1.772]

Ø50.5 [1.988]

1 max. 6,5 [0.256"]
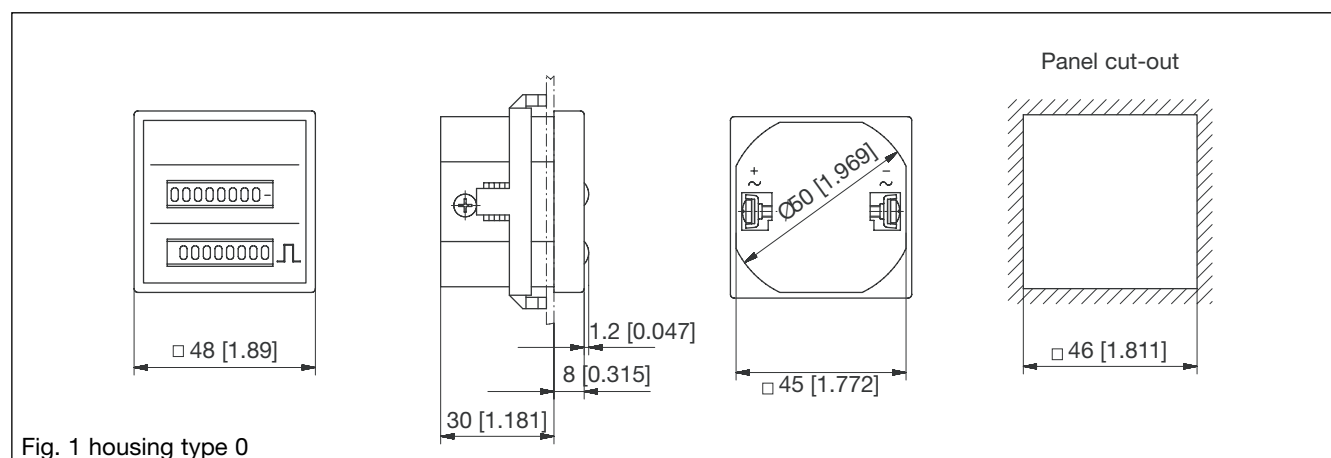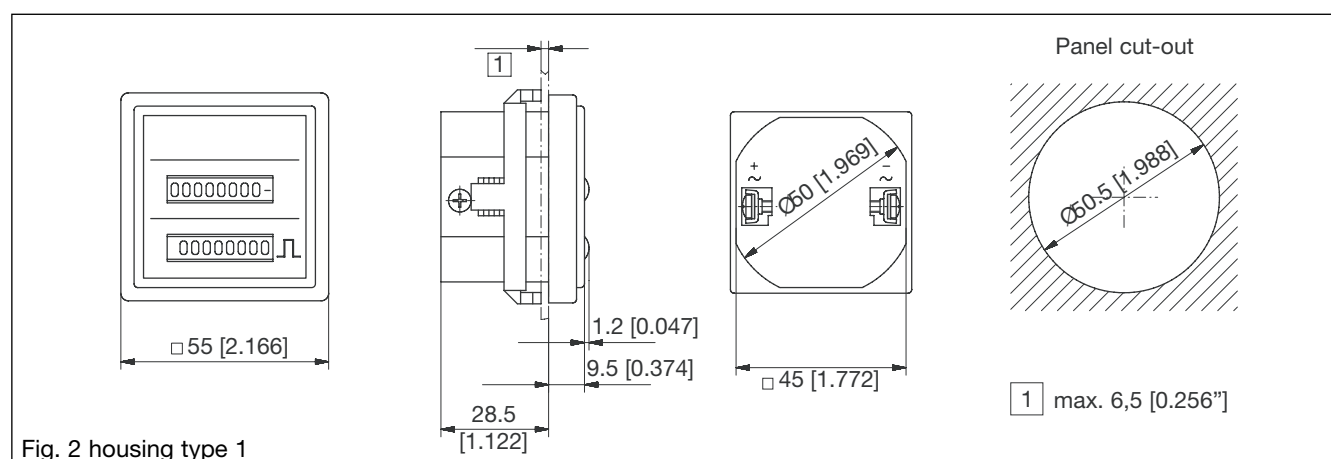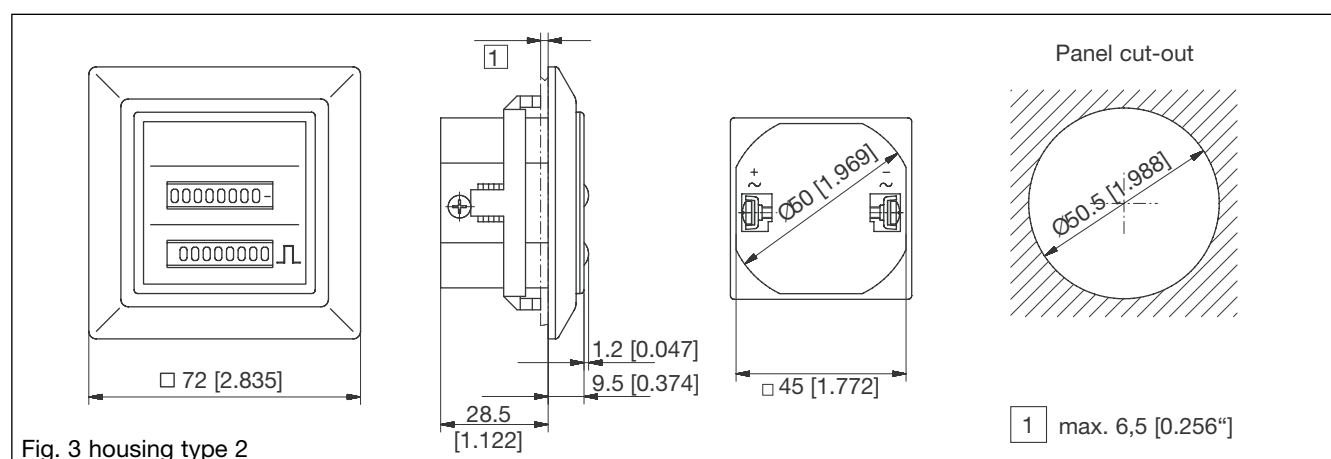
Fig. 3 housing type 2

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