Electromechanical Hours Meter Type E2HM4

CARLO GAVAZZI

E2HM4

- 7/8 digits hour meter
- High shock and impact resistance
- Without reset
- Small dimensions
- Large optical digit figures
- 5 years warranty
- Data retention when power is off
- Long service life
- Protection IP 52, suitable for any mounting position

Product Description

Low cost, stepper-motor driven hour meters for panel mount. General time counting, service intervals for measuring devices (respiratory ventilators, oxygen machines, dialysis machines), small appliances, UV lamps, display panels in vehicles.

Ordering Key

E2HM4 075

Type ───────────────
Voltage code ───────────

Stock items: E2HM4071
E1HM4075
E1HM4084
E1HM4351

Approvals

CE cULus RoHS COMPLIANT

General data

Display DC	8 digit
AC	7 digit
Dimensions of digits	
Height	4mm/0.158"
Width	1.7mm/0.066"
Viewing angle	Frontal
Colour of digit figures	White and Red on Black
Operating indicator	
AC	Fast rotating wheel of the running time meter with red dashes
DC	1/100h display turns continuously by 1 digit in 36s
Ambient temperature	–15…+50°C/5°F…122°F
Mounting position	Panel mounting
Connections	Screw terminal for cable diameter up to 2.5mm²/ 1612.9square inch
Max. tightening torque	0.8Nm
Housing	Black plastic RAL 9005
Dimensions	48x48 acc. to DIN 43700 STD
Weight	48g/1.673oz
Panel cut-out	46x46mm / 1.89"x1.89"
Protection degree	IP52 (IP65 version with optional seal gasket between counter and bezel or the front side)

Options

Upon request	IP65
Upon request	Wire entry from behind, screw fixing from rear

Supply Voltages and Consumption[1]

	Supply voltage	Power Consumption		
		AC 50Hz	AC 60Hz	VDC
071	20÷30	~0.3VA	-	-
081		-	~0.3VA	-
072	42÷48	~0.25VA	-	-
082		-	~0.25VA	-
074	100÷130	~0.6VA	-	-
084		-	~0.6VA	-
381		-	-	750mW
075	187÷264	~1.2VA	-	-
085		-	~1.2VA	-
079	360÷440	~1.65VA	-	-
089		-	~1.65VA	-
351	10÷30	-	-	500mW

Measuring Specifications

Time range	
DC	0.01...999 999.99h
AC	0.01...99 999.99h
ON time	100%
Counting system	Adding
Reset	No
Accuracy	
AC:	Supply frequency + 30ms
DC:	< 0.003% (24h)

[1] The available voltages are those where the consumption is indicated

Electromechanical
Hours Meter
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Dimensions mm/inches

45+0.6/1.772"+0.024"

Screw Terminals

Ø50/1.969"

45/1.772"

48/1.89"

9/0.354"
7/0.276"
20/1.103"
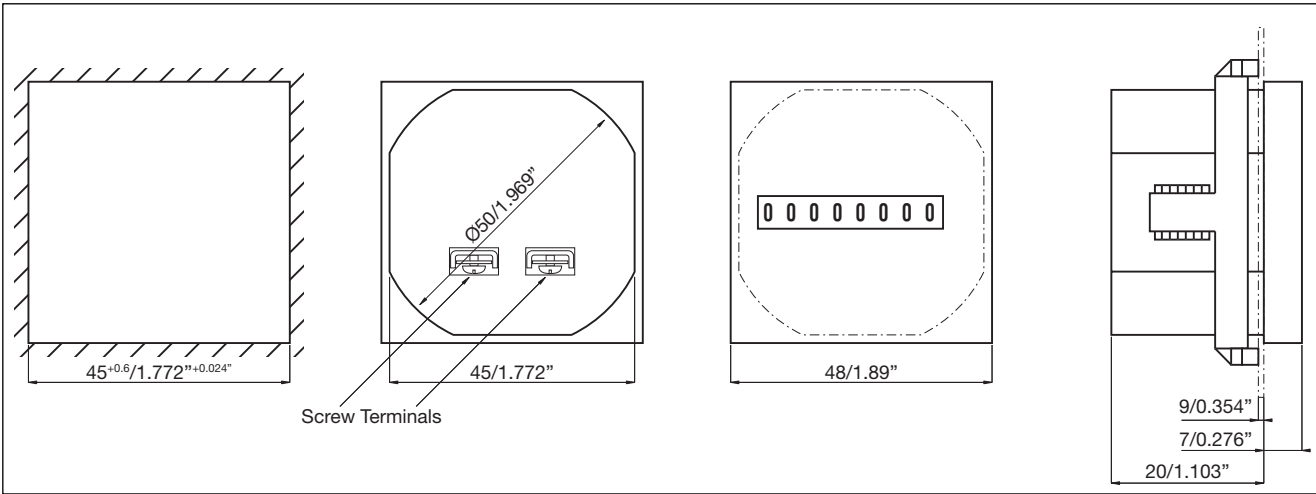
Accessories
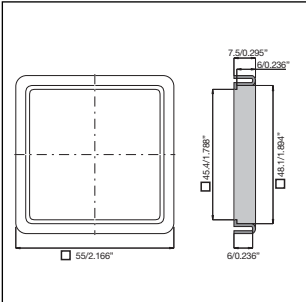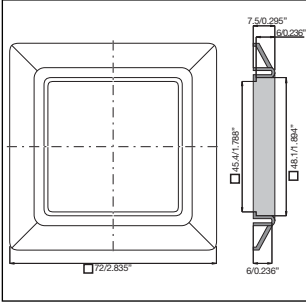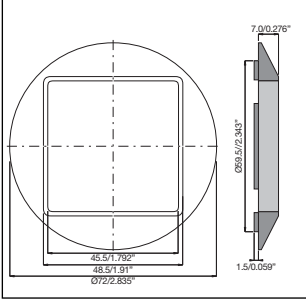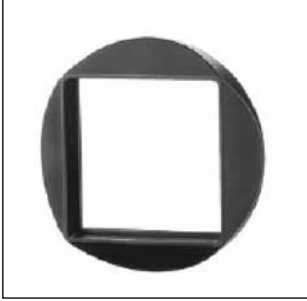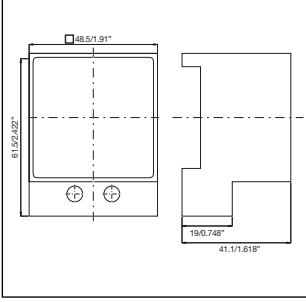
|		Slip-on bezel☐55	NI-ACC T008171
		Bezel adapter	☐ 55x55mm/2.166"x2.166" for adapting cut-out 50x50mm/1.969"x1.969" to 45x45mm/1.772"x1.772"
		Colour	Black
		Slip-on bezel ☐ 72	NI-ACC T008177
		Bezel adapter	☐ 72x72mm/2.835"x2.835" for adapting cut-out 50x50mm/1.969"x1.969" to 45x45mm/1.772"x1.772"
		Colour	Black
		Slip-on bezel Ø72	NI-ACC N510226
		Bezel adapter	Ø72mm/2.835" for adapting cut-out Ø60mm/2.362" to 45x45mm/1.772"x1.772"
		Colour	Black
		DIN Rail mounting adapter	NI-ACC G008040
		Counter adapter	for wire entry from below; mounting of the adapter with screw fixing from rear. Flat pin 0.8x6.3mm /0.032"x0.248"
		Colour	Black