

## DIN Formate Timers – H 37



### Product features

- 7- or 8- digit hour meter
- Without reset, high shock resistance
- Small dimensions, large optical figures
- Protection to IP 65 on the front side
- Panel mount meter with integral latching springs (H37.4)



### Your benefit

- **5 years warranty\***  
high reliability means your end product sells better
- Data retention if power is lost
- Long service life

### Applications

general time counting, service intervals for measuring devices (respiratory ventilators, oxygen machines, dialysis machines), small appliances, UV lamps, display panels in vehicles

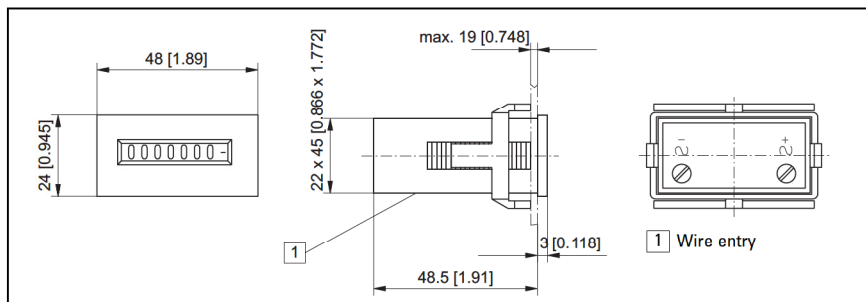
\* subject to use in accordance with the technical data

### Technical data:

Electrical connection:	Screw terminal, tightening torque max 0,8 Nm
Power consumption:	10 ... 30 V DC: approx. 500 mW 36 ... 80 V DC: approx. 900 mW 100 ... 130 V DC: approx. 750 mW 20 ... 30 V AC, 50 Hz: approx. 0.3 VA 42 ... 48 V AC, 50 Hz: approx. 0.25 VA 100 ... 130 V AC, 50 Hz: approx. 0.6 VA 187 ... 264 V AC, 50 Hz: approx. 1.2 VA
Rated voltages:	20 ... 30/42 ... 48/100 ... 130/187 ... 264 V AC 50 or 60 Hz, 10 ... 30/36 ... 80/100 ... 130 V DC
On time:	100 %
Display:	7 for AC: 99999.99 8 for DC: 999999.99
Accuracy:	AC: supply frequency + 30 ms DC: < 0.003 % (24 h)
Resolution:	0.01 h equals 36 s
Count mode:	adding
Height of figures:	4 mm [0.158"]
Colour of figures:	white and red on black
Reset:	no
Ambient temperature:	-15 ... +50 °C [14 ... 122 °F]
Mounting position:	any
Protection:	IP 65, front-side, built in, order gasket separately
Housing:	plastic, (polycarbonate) – types with IP 65 protection are sealed (potted)

Weight:	H 37 approx. 50 g [1.764 oz] Slip on bezel 37.1 6 g [0.212 oz] Slip on bezel 37.2 2 g [0.071 oz]
Options:	1. Colour of housing: grey Art. no. 3.130.X50.XXX 2. Electrical connection: a) Flat pins 0.8 x 6,3 mm [0.032 x 0.248"] Art-No.: 3.24X.20X.XXX.011 b) Screw terminal with terminal cover Art-No.: 3.24X.20X.XXX.456
Accessories:	Slip on bezel 37.1 black: Art-No.: T008.161 grey: Art-No.: T008.160 Slip on bezel 37.2 black: Art-No.: T008.165 grey: Art-No.: T008.164 Terminal cover <b>KA37</b> 2 pcs required per counter Art-No.: T051.687 Gasket: Art-No.: N511015 for H 37.2 and H 37.4 Art-No.: N511029 for H 37 and H 37.5
Approvals:	UL for USA and Canada E128604

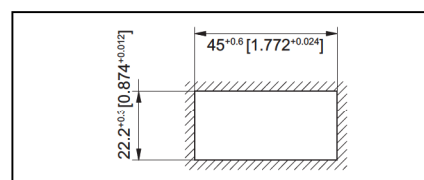
### H 37



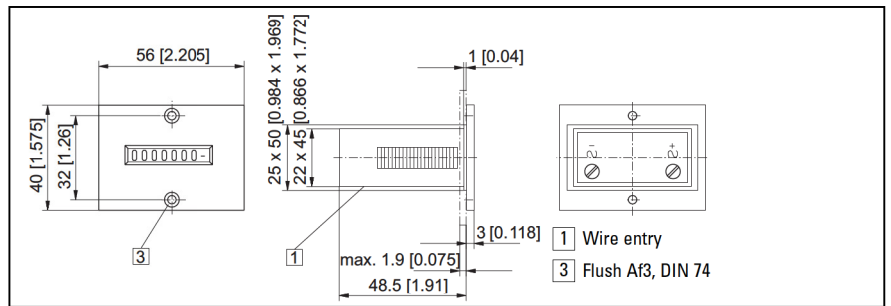
Voltage	Art-No. (AC), 50 Hz	Art-No. (AC), 60 Hz	Art-No. (V DC)
10 ... 30			3.240.201.351*
20 ... 30	3.240.201.071	3.240.201.081	
36 ... 80			3.240.201.353
42 ... 48	3.240.201.072	3.240.201.082	
100 ... 130	3.240.201.074*	3.240.201.084	3.240.201.381
187 ... 264	3.240.201.075*	3.240.201.085	

\*standard stock model

### Panel cut-out

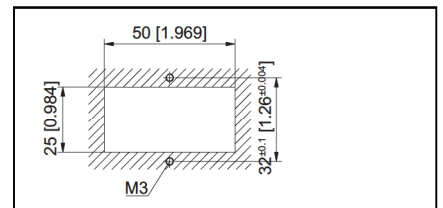


## H 37.1

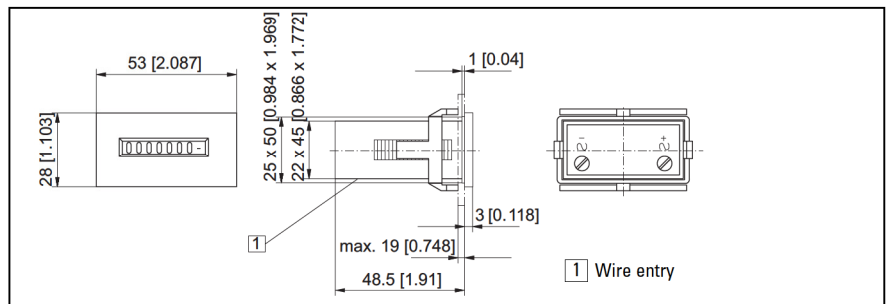


Voltage	Art-No. (AC), 50 Hz	Art-No. (AC), 60 Hz	Art-No. (V DC)
10 ... 30			3.241.201.351*
20 ... 30	3.241.201.071	3.241.201.081	
36 ... 80			3.241.201.353
42 ... 48	3.241.201.072	3.241.201.082	
100 ... 130	3.241.201.074	3.241.201.084	3.241.201.381
187 ... 264	3.241.201.075	3.241.201.085	

Panel cut-out

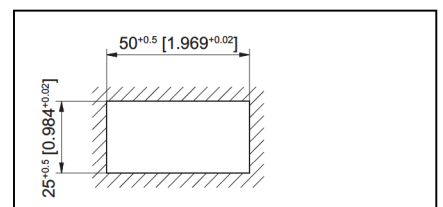


## H 37.2

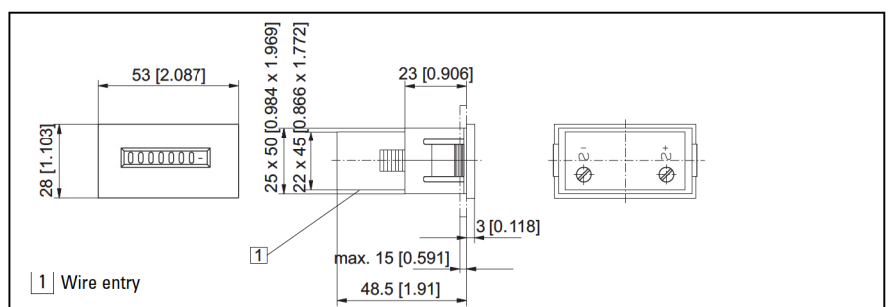


Voltage	Art-No. (AC), 50 Hz	Art-No. (AC), 60 Hz	Art-No. (V DC)
10 ... 30			3.242.201.351*
20 ... 30	3.242.201.071	3.242.201.081	
36 ... 80			3.242.201.353
42 ... 48	3.242.201.072	3.242.201.082	
100 ... 130	3.242.201.074	3.242.201.084	3.242.201.381
187 ... 264	3.242.201.075*	3.242.201.085	

Panel cut-out

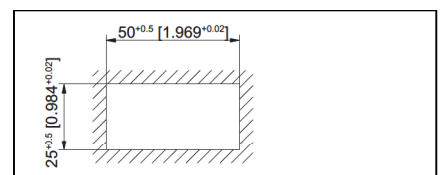


## H 37.4

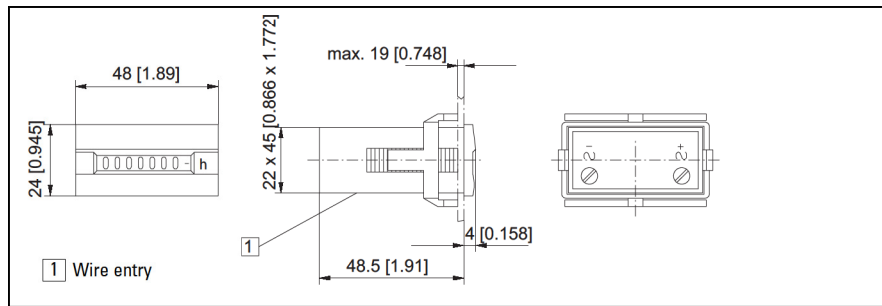


Voltage	Art-No. (AC), 50 Hz	Art-No. (AC), 60 Hz	Art-No. (V DC)
10 ... 30			3.244.201.351*
20 ... 30	3.244.201.071	3.244.201.081	
36 ... 80			3.244.201.353
42 ... 48	3.244.201.072	3.244.201.082	
100 ... 130	3.244.201.074	3.244.201.084	3.244.201.381
187 ... 264	3.244.201.075*	3.244.201.085	

Panel cut-out

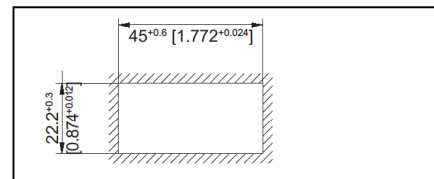


## H 37.5

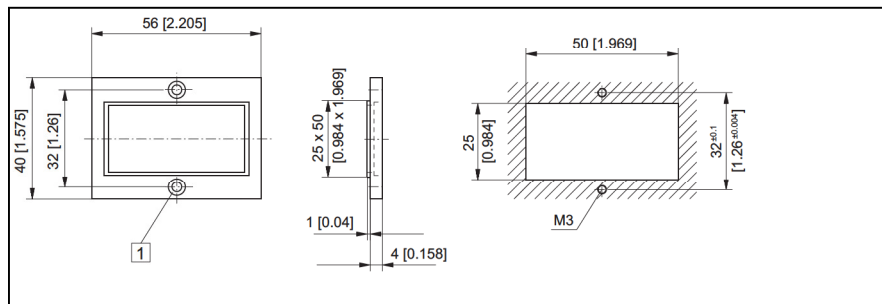


Voltage	Art-No. (AC), 50 Hz	Art-No. (AC), 60 Hz	Art-No. (V DC)
10 ... 30			3.245.201.351
20 ... 30	3.245.201.071	3.245.201.081	
36 ... 80			3.245.201.353
42 ... 48	3.245.201.072	3.245.201.082	
100 ... 130	3.245.201.074	3.245.201.084	3.245.201.381
187 ... 264	3.245.201.075	3.245.201.085	

Panel cut-out



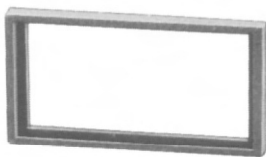
## Slip on bezel 37.1



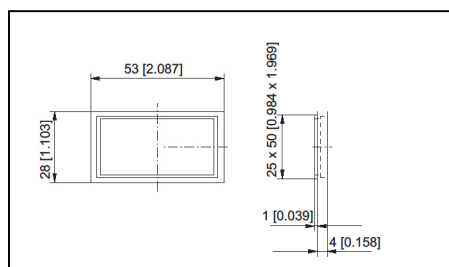
1 Countersunk Af3, DIN 74

black: Art-No. T008.161

## Slip on bezel 37.2



Panel cut-out 50 x 25 mm [1.969 x 0.984"]



black: Art-No.: T008.165

## Terminal cover KA 37



black: Art-No.: T051.687  
(2 pcs required/counter)



Sealing gasket for H37 and H37.5:  
Art-No.: N511.029

Sealing gasket for H37.2 and H37.4:  
Art-No.: N511.015