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<input type="checkbox"/> Contaore / Hour counts	116, 117
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CONTAORE

Tip: **CONTAHK46**



HOURCOUNT

Type: **CONTAHK46**

Highlights

- price competitive meter
- excellent quality
- long lifetime
- different bezels for different cut-outs
- many mounting versions
- all necessary approvals
- your branding available

Applications

- gen-sets
- compressors
- pumps
- medical equipment
- control panels
- air conditioning

Mechanical data

Front dimension: 48 x 48 mm

Display AC: 5 integers, 2 decimals

DC: 6 integers, 1 decimal

AC indicator, without reset

Digit height 4 mm

Digit color integer: white on black

decimal: 50 Hz – red on black

60 Hz – red on white

Counting range AC: 99999,99 h, DC: 999999,9 h

Reading accuracy AC: 1/100 h (36 sec)

DC: 1/10 h (6 min)

Weight ca. 50 g

Housing color standard black

Bezels 52x52

55x55

72x72 and Ø80 mm

A - aluminum clamp

C - anti-vibration boot & clamp

D - DIN rail

F - snap fastener

G - retainer

Mounting options

Electrical data

Operating voltage 24, 48, 60, 110, 120, 220, 230, 240,
400 VAC ± 10%, 50 or 60 Hz

Current consumption 6-30, 10-80, 110, 220 VDC ± 10%

AC: max. 8 mA

DC: max. 9 mA

Accuracy

AC: ± 0,02 %

DC: ± 0,002 %

Connection flat pin 6,3x0,8 with screw

flat pin 6,3x0,8

screw terminal

Ambient conditions

Operating temperature AC: -25° C .. +80° C

DC: -20° C .. +70° C

Storage temperature AC: -40° C .. +80° C

DC: -20° C .. +70° C

Relative humidity max. 80% at +25° C

Protection IP40 front

IP65 front (on request)

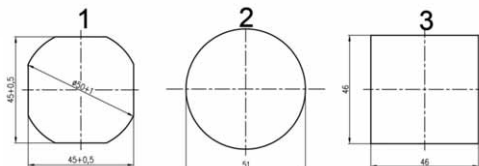
IP20 terminals

CE Mark

UL E171200

RoHS compliant

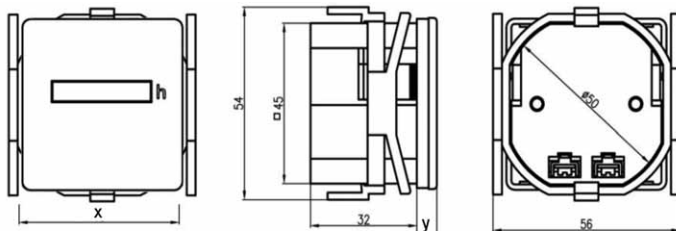
Panel cut-outs



Cut-out #1: for meters with front dimensions 48x48 mm (without bezel)

Cut-out #1,#2,#3: for meters with square 52, 55 and 72 mm bezels

x (mm)	y (mm)	Mounting hole
48 x 48	6	1
52 x 52	8	1, 2 or 3
55 x 55	8	1, 2 or 3
72 x 72	8	1, 2 or 3



MINI CONTAORE

Typo: CONTAHK30

Highlights

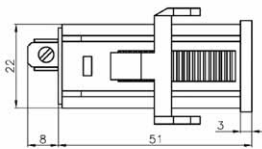
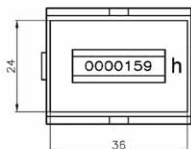
- Price competitive meter
- Excellent quality
- Long lifetime
- Different models for different markets
- All necessary approvals
- Your branding available

MINI HOURCOUNT

Typo: CONTAHK30

Applications

- Gen-sets
- Compressors
- Pumps
- Medical equipment
- Control panels
- Air conditioning



Mechanical data	
Front dimension	36 x 24 mm (standard)
Display	DC: 5 integers, 2 decimals DC: 6 integers, 1 decimals without reset
Digit height	4 mm
Digit color	integer: white on black decimal: 50 Hz - red on black 60 Hz - white on black
Counting range	AC: 99999,99 h, DC: 99999,99
Reading accuracy	AC: 1/100 h (36 sec)
Weight	ca. 32 g
Housing color	standard black transparent on request
Bezels for 36x24 mm	48x24, 48x48, 54x29, 55x55, Ø 58, Ø 72, 72x72 mm
Mounting options	D - DIN housing E - 48x48 DIN case G - front 36x24 mm with retainer R - front 40,6x27,5 mm (1,60x1,08") with retainer S - 2-screw front 52x26mm (2,05x1,03")

Electrical data	
Operating voltage	24, 48, 60, 110, 120, 220, 230, 240, 400 VAC ± 10%, 50 or 60 Hz
	6-12, 12-36, 36-80, 110, 220 VDC ± 10%
Current consumption	AC: max. 8 mA DC: max. 9mA
Accuracy	AC: ± 0,02% DC: ± 0,002 %
Connection	flat pin 6,3x0,8 with screw flat pin 6,3x0,8

Ambient conditions	
Operating temperature	AC: -25°C .. +70°C DC: -10°C .. +55°C
	Storage temperature
Relative humidity	max. 80% at +25°C
Protection	IP40 front IP67 front (transparent housing) IP67 totally sealed housing IP00 terminals
Approvals	CE Mark UL E171200 RoHS compliant

CONTAINPULSI ELETTROMECCANICI

Tipo: T123

DESCRIZIONE

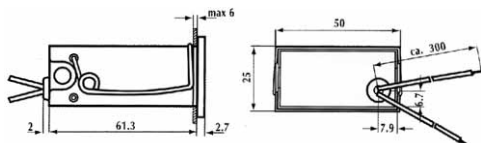
I contatori di questa serie permettono il loro comando direttamente in corrente alternata senza la necessità di raddrizzatori. I contatori possono inoltre essere muniti di dispositivi di sicurezza contro gli urti per impedire che venga manomesso il valore registrato.

IMPIEGO

Distributori automatici, macchine fotocopiatrici, gettoniere, attrezzi e giochi sportivi, ecc.

DATI TECNICI

- Sistema di conteggio: 1 impulso = cifra in addizione.
- Indicazione (campo di misura): 6 cifre, 999 999 - 7 cifre 9 999 999.
- Condizione del numeratore alla fornitura: 500 prima dello zero.
- Cifre: 4 mm in altezza, bianche su fondo nero.
- Allacciamenti elettrici: cavetti di lunghezza ca. 300 mm, con tensioni superiori a 42 V la custodia va collegata a terra mediante la prevista vite.
- Protezione: IP 51
- Tensione di prova: a norme VDE 0435
- Temperatura ambiente: +5°C +50°C.
- Durata media: ca. 20 milioni di scatti
- Fissaggio: F103 posteriore con barretta di fissaggio. F163 con piastra metallica per montaggio sporgente. Montare il contatore solo su una superficie piana.
- Custodia: corpo contatore e base in metallo nichelato, mascherina in plastica nera.
- Peso: ca. 150 g.
- Accessori: barra per F103, lunghezza standard 300 mm, accessorio nr. 080.00.082.



ART. T123

PULSE COUNTER

Type: T123

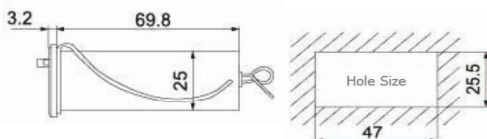
The series of electromechanical pulse counters is especially designed for instrumentation. For heavy-duty operation, versions are available with a built-in shock protection to prevent from involuntary counting during transport and when operating under mechanical jolts and vibrations. Typical applications are e.g. piece or coin counting on copying, vending and gambling machines, filling counting on petrol pumps or event counting on sport gear. These counters are totalizing counters without zero reset. They are available for all common AC and DC voltages.

Mechanical data

Counting	totalizing without reset
Display	6 or 7 digits
Digit height	4 mm
Digit color	white on black
Housing	plastic black
Operating life	ca. 20 Mio. pulses
Weight	ca. 150 g
Mounting versions	different

Electrical data

Operating voltage	24, 110, 230 V AC +10% 50 Hz 6, 12, 24, 48 V DC 10%
Power consumption	2 W - DC / 5 VA - AC
Min. pulse duration	50 ms
Min. pulse interval	50 ms
Max. counting speed	10 pulses/sec
Switch-on duration	100%
Connection	wire length ca. 300 mm.



RESETTABLE VERSION ART. TSI65RST