



ACORE Industrie S.a.

Electrical and Electronical Equipment

μ AI 200

**DIGITAL DISPLAY NUMERICAL COUNTER
AMPERE HOUR METER, AMPERE MINUTE METER
COULOMB, GOLD-GRAMME, SILVER-GRAMME.**



The counters are designed to evaluate electrical quantities (Coulomb) in electrical equipments supplied with direct current.

Concerning the surface treatment, this measure indicates the deposit metal quantity on the treated part.

Thus, you save time and raw materials by controlling indirectly the deposit thickness.

BASIC FUNCTIONS :

- ADDING COUNTER 100 000 000 maximum display points;
- DAILY COUNTER 10 000 000 maximum display points; You can reset the counter to zero through the keyboard or through a logical input into the back rear terminal;
- AMMETER (Autocalibrating)

- Current calibre (a large range is available)
- Unities (select by the user)
- Display scale : x0.001, x0.01, x0.1, x1, x10, x100 (select by the user).
- Shunt input: 50mV, 60mV, 75mV, 100mV, 250mV, 300mV, 500mV (select by the user).

MODELS :

- CJ** Adding Daily and Ammeter Counter
- C.J.P** Adding Daily and Ammeter counter + 1 Preselection
 - CJ.Pr** Preselection
 - CJ.PP** Pump Présélection
 - CJ.Ph** Time Switch
 - CJ.Au** Controller Impulser
- CJ.2P** Adding Daily and Ammeter counter + 2 Preselections.

Two basic functions may be associated

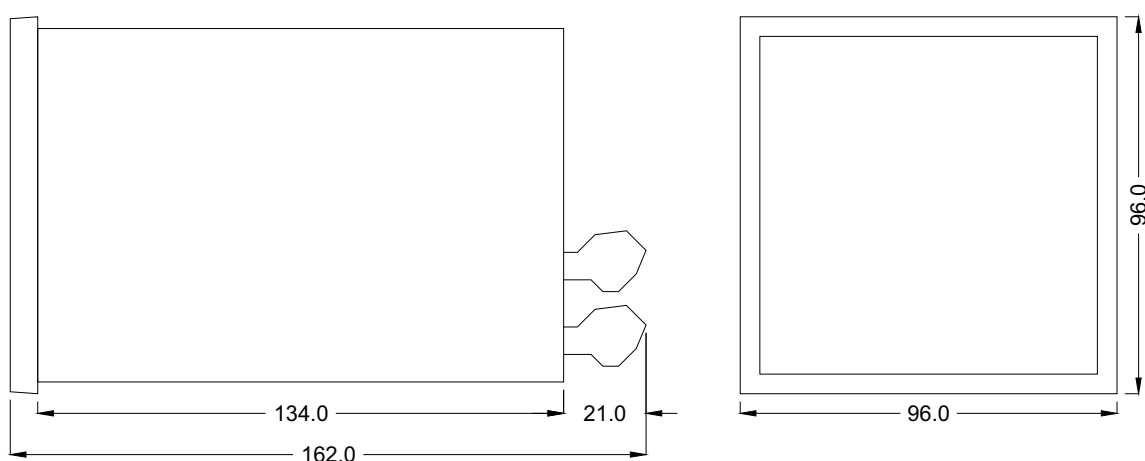
Example: CJ.PrPP Preselection + Pump Preselection

SPECIFICATIONS

SUPPLY:	230 +/- 10% 50Hz
CONSUMPTION:	5 VA
INSULATION:	Shunt Input / Supply 1500V R1 Connections / Supply 3000 V R2 Connections / Supply 3000 V
MINIMUM SENSIBILITY:	0,80%
MAXIMUM SENSIBILITY:	+ 5% of the shunt calibre (e.g.: 50mV shunt : current readout until 52,5mV)
ACCURACY:	Less than 1%
LINEARITY:	Less than 1%
FILTERING	Rejection 50Hz - 20dB
THERMAL DRIFT:	30ppm/°C
TEMPERATURE LIMITS:	In Running : from 0 to 70°C Stocking -20°C to 80°C
RELAY 1:	N01 - NC1 - COM1 connections Interrupting current capacity 5A/ 2580V
RELAY 2:	Contacts N02 - NC2 - COM2 Interrupting current capacity 5A/ 250V a
SHUNT:	50mV 60mV 75mV 100mV 250mV 300mV 500mV

CURRENT CALIBRE :	Setable
(AMPERES)	
UNITY :	Ampere-hour Ampere-minute Coulomb Gold gramme Silver-Gramme
SCALE :	x 0,001 x 0,01 x 0,1 x 1 x 10 x 100
ADDING COUNTER:	0 - 99999999 counting unities
DAILY COUNTER :	0 - 9999999 counting unities
PRESELECTION:	0 - 999999 counting unities
PUMP RUNNING TIME:	0 - 255 secondes
TIME SWITCH:	0 - 99 h 59 min 59 s
IMPULSE :	Adjustable to 0 from 1000 ms
CONTROLLER :	20ms step

MECHANICAL DATA: Weight 800 gr
Ip51 Protection
OPTION : Front safety door



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