CPP1

PROGRAMMABLE COUNTER

INPUT SPECIFICATIONS
Terminals for pulses: -, +
Terminals for blanking: -, +

OUTPUT SPECIFICATIONS
Inverter relays with the contacts: NO, C, NC
Contacts rated: 5 A @ 220 Vac
Pulse duration: 200 ms

POWER SUPPLY
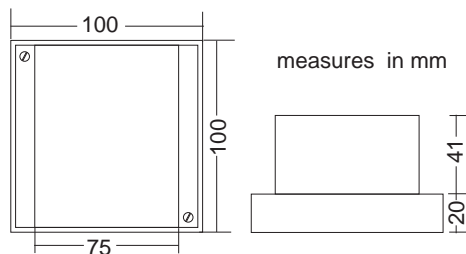AC voltage: 220 Vac ± 10%, 50 Hz.
Power consumption lower than 3 VA

PULSE CHARACTERISTICS:
Voltage pulses: 8 to 30 VA
Maximum division factor: 1 to 9999
Maximum Frequency: 500 Hz (duty cycle 50%)

MODEL
CPP1

ENCLOSURE

measures in mm

100

100

75

41

20

FUNCTION
Counts the incoming pulses, divides them by the selected factor and activates the output relay.

OPERATION
Counts the incoming pulses and when it reaches to the preset count: erases the counter, starts a new count and activates the output relay for 200 ms. The pulses obtained in the relay are the incoming pulses divided by the scale factor. When the equipment is energized a new pulse count starts. An external NO push button connected to the reset input allows to set the count in course to zero at any time.

Internal removable bridges let to select the division factor (preset count) in the range of 1 to 9999 pulses. There are 4 bridges groups to do this selection in BCD code (units, tens, hundreds and thousands).
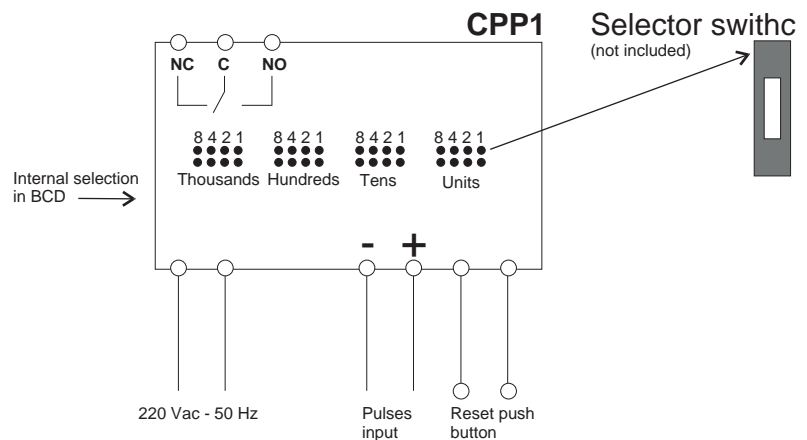
TYPICAL APPLICATIONS
Pulse divisor for industrial counters.

OPTIONS
External switch to select the division factor.
External dry contact pulses.

TYPICAL CONNECTION
Equipment with voltage pulses input and with external selector switch for the division units.

CPP1

Selector swithc
(not included)

NC   C   NO

8 4 2 1   8 4 2 1   8 4 2 1   8 4 2 1
Thousands Hundreds   Tens   Units

Internal selection in BCD

-   +

220 Vac - 50 Hz

Pulses input

Reset push button

electrónica industrial
y telecomunicaciones
INDUSTRIA URURGUAYA
AV.RIVERA 3314
MONTEVIDEO
CPP1

Rev 1.1

02/03/06

MADE IN URUGUAY