



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 \pm 10%, 50 Hz.
Power consumption lower than 3 VA

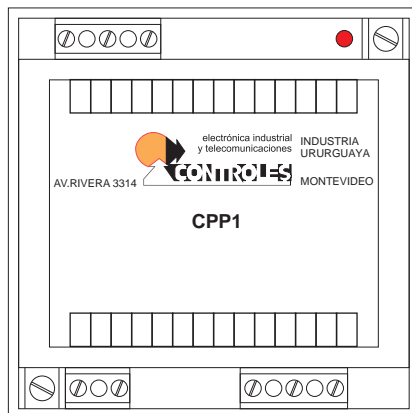
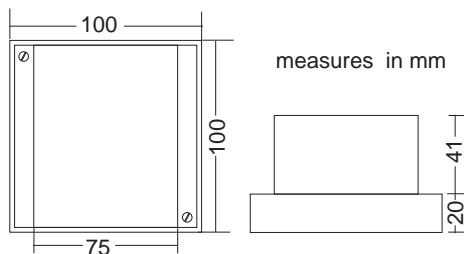
PULSES CHARACTERISTICS:

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

MODEL

CPP1

ENCLOSURE



Rev 1.1

02/03/06

MADE IN URUGUAY

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 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.

