

computer Max P&P 6

computer Max P&P 6, Power factor regulator

Code: R108710020000 **CONSULTAR DISPONIBILIDAD**

> Alarm relay: Yes
> Measurement Range (V): 230
> Power supply (Vac): 230 Vac
> Nr steps: 6
> Input current: ... / 5A
> Switching unit: Contactor

Description

The state-of-the-art **computer Max plug & play** series of regulators has been designed to enable easy, effective regulation. In common with the entire range of computer regulators, it is based on **Circutor**'s FCP system (Fast Computerized Program), which provides the regulator with unique features in the market Other features include:

- A Plug & Play system that enables fully automatic programming of the C/K parameter and selection of the phase on which the current transformer is installed.
- Views by display: cos φ, voltage, current, THD/ and it records maximum voltage and current levels.
- Includes the "phase selection" function, which allows the user to select the phase on which the current transformer is installed.
- Allows the user to view the behaviour of cos φ, / and THD/ in the event of manual connection and disconnection of capacitors.
- Indication of the following alarms by display or relay:lack of compensation, overcompensation, overvoltage, overcurrent, disconnected transformer, current below limit.

Application

Computer Max plug & play is the perfect regulator for the compensation of balanced installations, in which ease of programming, robustness and accuracy are essential requirements. Its straightforward, intuitive programming system makes it very easy to install and maintain by the user.

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Specifications

AC power supply

Installation category	CAT III 300 V
Consumption	110 V: 7 ... 10 VA / 230 V: 7,4 ... 9,9 VA / 400 V: 5 ... 8,8 VA / 480 V: 8,7 ... 10,7 VA
Frequency	45 ... 65 Hz
Nominal voltage	480, 400, 230 ó 110 V ~ (+15, -10 % según modelo)

Mechanical characteristics

Size (mm) width x height x depth	144 x 144 x 62 (mm)
Envelope	Plastic V0 self-extinguishing
Fastening	Panel
Weight (kg)	0,457

Environmental characteristics

Protection class	IP 30 / Front: IP 40
Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-20 ... +70 °C
Operating temperature	-20 ... +60 °C

Standards

Certifications	UL
Electrical safety, Maximum height (m)	2000
Standards	IEC 61010, IEC 61000-3-2, IEC 61000-3-3, IEC 50081-2, IEC 50082-1, IEC 50082-2, IEC 61000-4-2, IEC 61000-4-4, IEC 61000-4-8, IEC 61000-4-5, IEC 61000-4-11 , UL 94

Current measurement circuit

Nominal current (In)	... / 5 A
Phase current measuring range	0.05 ... 5A
Allowable overload	+ 20%
Permanent overload	+ 20%
Connection	Preferably connect to phase L1

Electrical safety

Insulation	Double-insulated electric shock protection class II (IEC 61010-1)

User interface

LED	2 LED
Resolution of the display	3 digits, 7 segments + 20 icons
Keyboard	3 keys

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Other digital relay outputs

Maximum current	6 A (12 A bornes de conexión)

Digital relay outputs

Quantity	6
Maximum open contact voltage	250 V ~

Measurement accuracy

Phase angle φ	2 % ± 1 dígito
Phase current measurement	1%
Phase voltage measurement	1%

computer Max P&P
Power factor controllers

CODE	TYPE	Switching unit	Nr steps	Input current
R10871.	computer Max P&P 6	Contactor	6	... / 5A
R10872.	computer Max P&P 12	Contactor	12	... / 5A
R108710020000	computer Max P&P 6	Contactor	6	... / 5A
R108720020000	computer Max P&P 12	Contactor	12	... / 5A
R108710040000	computer Max P&P 6	Contactor	6	... / 5A
R108720040000	computer Max P&P 12	Contactor	12	... / 5A

Alarm relay: associated with the last contactor relay.

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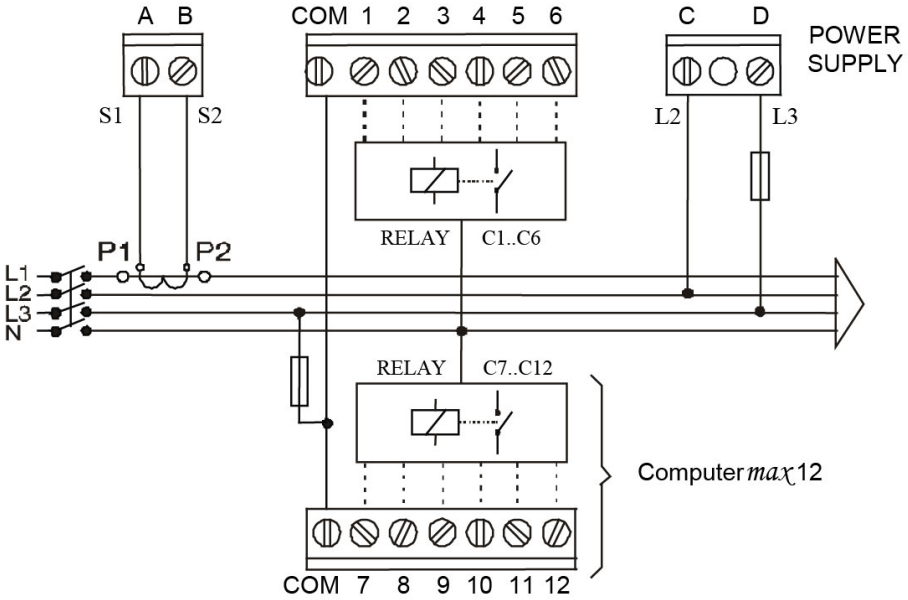


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Connections



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