



computer C12 Wi-Fi

Computer C12 Wi-Fi, Power factor regulator

Code: R14842.

- > Alarm relay: Yes
- > Measurement Range (V): 400
- > Power supply (Vac): 400 Vac
- > Nr steps: 12
- > Input current: ... / 5A
- > Switching unit: Contactor

Description

The **Computer C Wi-Fi** series of regulators is designed for simple and effective regulation. Its high-contrast display can show up to 27 electrical parameters.

Its features are key to having a robust and reliable system, as well as to obtaining the necessary warnings and alarms for its proper monitoring and control:

- Up to 12 fully configurable alarms.
- Electrical parameters viewable online via Wi-Fi connectivity.
- Plug & Play.
- For easier preventive maintenance

Application

The **Computer C Wi-Fi** is the ideal regulator to compensate balanced installations, where ease of programming, robustness, precision, and maximum compensation control are required.

Its simple and intuitive programming system facilitates user installation and maintenance.



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Fast power factor regulator

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Specifications

AC power supply

| | |
|-----------------------|------------------------|
| Installation category | CAT III 300 V |
| Consumption | 13 VA |
| Frequency | 50 ... 60 Hz |
| Nominal voltage | 400 V ~ ($\pm 10\%$) |

Mechanical characteristics

| | |
|----------------------------------|-------------------------------|
| Size (mm) width x height x depth | 144 x 144 x 54.85 (mm) |
| Envelope | Plastic V0 self-extinguishing |
| Fastening | Panel |
| Weight (kg) | 0,5 |

Environmental characteristics

| | |
|--|----------------------------------|
| Protection class | IP 30 / Front Panel: IP 40 IK 08 |
| Relative humidity (without condensation) | 5 ... 95 % |
| Storage temperature | -20 ... +70 °C |
| Working temperature | -20 ... +60 °C |

Current measurement circuit

| | |
|-------------------------------|--------------------------------|
| Nominal current (In) | ... / 5 A |
| Phase current measuring range | 0.05 ... 5A |
| Permanent overload | + 20% |
| Connection | Connect preferably to phase L1 |

Standards

| | |
|--|---|
| Electrical safety, Maximum height (m) | 2000 |
| Electrical safety, Contamination level/class | Pollution resistance 2 |
| Standards | IEC 61010, IEC 61000-2-30, IEC 61000-6-4, IEC 61000-6-2 |

Electrical safety

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

User interface

| | |
|---------------------------|----------|
| Resolution of the display | 3 digits |
| Keyboard | 3 keys |

Digital relay outputs

| | |
|-----------------|----------------|
| Quantity | 12 + 1 (Alarm) |
| Maximum current | 1 A~ |



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| | |
|-----------------------------------|--------------------------|
| Maximum open contact voltage | 250 V~ |
| Electrical life (at maximum load) | 1x10 ⁵ cycles |
| Mechanical life | 1x10 ⁷ cycles |
| Maximum switching capacity | 250 W |

Measurement accuracy

| | |
|---------------------------|-------------------|
| Phase angle φ | 2 % \pm 1 digit |
| Phase current measurement | 1% |
| Phase voltage measurement | 1% |

Wireless communication

| | |
|-------------------|--|
| Band | 2,4 GHz (IEEE 802.11 b / g , IEEE 802.11 n (up 150 Mbps) |
| Technology / Type | Wi-Fi |

computer C Wi-Fi

Power factor controller with communications

| CODE | TYPE | Switching unit | Nr steps | Input current |
|---------------|--------------------|----------------|----------|---------------|
| R14831. | computer C6 Wi-Fi | Contactora | 6 | ... / 5A |
| R148310020000 | computer C6 Wi-Fi | Contactora | 6 | ... / 5A |
| R14842. | computer C12 Wi-Fi | Contactora | 12 | ... / 5A |
| R148420020000 | computer C12 Wi-Fi | Contactora | 12 | ... / 5A |

Compatible with Anti Reactive Surveillance System - VAR. Programming via the MyConfig app.



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Dimensions



Connections

