



# computer C6 Wi-Fi

Computer C6 Wi-Fi, Power factor regulator

Code: R14831.

- > Alarm relay: Yes
- > Measurement Range (V): 400
- > Power supply (Vac): 400 Vac
- > Nr steps: 6
- > Input current: ... / 5A
- > Switching unit: Contactor

## Specifications

### AC power supply

|                       |                 |
|-----------------------|-----------------|
| Installation category | CAT III 300 V   |
| Consumption           | 13 VA           |
| Frequency             | 50 ... 60 Hz    |
| Nominal voltage       | 400 V ~ (±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)                      | 0,447                         |

### 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 |

### Communications

|                      |                                                    |
|----------------------|----------------------------------------------------|
| Band                 | 2,4 GHz.                                           |
| Standards            | IEEE 802.11 b / g , IEEE 802.11 n (hasta 150 Mbps) |
| Maximum output power | IEEE 802.11 b: 20 dBm / IEEE 802.11 n: 14 dBm      |
| Connection mechanism | Autodetectable Wi-Fi                               |
| Technology           | Wi-Fi                                              |

### Standards

|                                       |      |
|---------------------------------------|------|
| Electrical safety, Maximum height (m) | 2000 |
|---------------------------------------|------|



# computer C6 Wi-Fi

Fast power factor regulator

Code: R14831.

|                                              |                                                         |
|----------------------------------------------|---------------------------------------------------------|
| 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                          | 6 + 1 (Alarm)            |
| Maximum current                   | 1 A~                     |
| Maximum open contact voltage      | 250 V~                   |
| Electrical life (at maximum load) | 1x10 <sup>5</sup> cycles |
| Mechanical life                   | 1x10 <sup>7</sup> cycles |
| Maximum switching capacity        | 250 W                    |

## Measurement accuracy

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

## computer C Wi-Fi

| 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      |



## computer C6 Wi-Fi

Fast power factor regulator

Code: R14831.

## Dimensions



## Connections

