

CVM-BD-RED-C420-H



CVM-BD-RED-C420-H, DIN rail three-phase power analyser

Code: M52122. DESCATALOGADO

- > Communications: RS-485
- > N° relays: 1
- > Analog output: 1 (4...20 mA)
- > Mounting: Pannel

Specifications

AC power supply

| | |
|-----------------------|-----------------------|
| Installation category | CAT II (IEC 61010) |
| Consumption | 6 VA |
| Frequency | 50...60 Hz. |
| Nominal voltage | 230 Vc.a.(-15...+10%) |

Mechanical characteristics

| | |
|----------------------------------|-------------------------------|
| Size (mm) width x height x depth | 140 x 110 x 70 (mm) |
| Envelope | Self-extinguishing V0 plastic |
| Fastening | DIN rail |
| Weight (kg) | 0,52 |

Environmental characteristics

| | |
|--|---|
| Protection class | IP 20 (Terminals), IP 41 (built-in equipment) |
| Relative humidity (without condensation) | 25...80% |
| Working temperature | 0...+50 °C |

Standards

| | |
|--|---|
| Certifications | UL, VDE |
| Electrical safety, Installation category | CAT II |
| Standards | EN 60664, EN 61010-1, EN 61036, IEC 60801, IEC 60571-1, EN 50081-1, EN 50082-1, VDE 0110, UL 94 |

Current measurement circuit

| | |
|-----------------------------------|-------------------------|
| Nominal current (In) | In/5A, In/1A acc. Model |
| Phase current measuring range | 5...100% |
| Permanent overload | 1.2 In |
| Maximum input current consumption | 0,3 VA |

Voltage measurement circuit

| | |
|---------------------------|-----------------------|
| Frequency measuring range | 40...65 Hz |
| Nominal voltage | 500V Ph-N, 866V Ph-Ph |

Measurement accuracy

| | |
|--------------------------|---------|
| Power factor measurement | 0,5...1 |
|--------------------------|---------|



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| | |
|---------------------------------------|-----------------|
| Phase voltage measurement | 0.5 % ±2 digits |
| Serial communication | |
| Technology / Type | RS-485 |
| 500 Vp-n / 866 Vp-p Measuring voltage | |