



CVM-C5-I-C

CVM-C5-I-C, Power analyzer

Code: M55803.

> Mounting: Pannel

> Modules: 96 x 96

Specifications

AC power supply

| | |
|-----------------------|----------------------|
| Installation category | CAT III 300 V |
| Consumption | 3.5 ... 6 VA |
| Frequency | 47 ... 60 Hz |
| Nominal voltage | 92 ... 240 V ~ ± 10% |

DC power supply

| | |
|-----------------------|-----------------------|
| Installation category | CAT III 300 V |
| Consumption | 2 ... 6 W |
| Nominal voltage | 105 ... 272 Vdc ± 10% |

Environmental characteristics

| | |
|--|-----------------------------|
| Protection class | IP 51 (Front), IP 20 (rear) |
| Relative humidity (without condensation) | 5...95% |
| Storage temperature | -10... +50 °C |
| Working temperature | -5...+45 °C |

Mechanical characteristics

| | |
|-------------|-------------------------------|
| Envelope | Self-extinguishing V0 plastic |
| Fastening | Panel |
| Weight (kg) | 0,215 |

Standards

| | |
|---------------------------------------|--|
| Certifications | UL/CSA 61010-1 3rd edition |
| Electrical safety, Maximum height (m) | 2000 |
| Standards | IEC 61010, UNE EN 61000-6-2, UNE EN 61000-6-4, |

Current measurement circuit

| | |
|-------------------------------|------------------|
| Installation category | CAT III 300 V |
| Nominal current (In) | .../5A , .../1 A |
| Phase current measuring range | 5...110% In |
| Maximum pulse current | 100 A |
| Minimum current measurement | 10 mA |

Voltage measurement circuit

| | |
|---------------------------|---------------|
| Installation category | CAT III 300 V |
| Frequency measuring range | 45 ... 65 Hz |



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| | |
|--------------------------------------|-----------------------|
| Voltage measuring range | 5 ...120% Un |
| Nominal voltage | 300V Ph-N, 520V Ph-Ph |
| Minimum measurement voltage (Vstart) | 10 V Ph-N |

User interface

| | |
|---------------------------|----------|
| Keyboard | 3 keys |
| Display type | LCD |
| Visible display area size | 60X54 mm |

Digital inputs

| | |
|-------------------------|------------------------|
| Input/output insulation | Optoisolated |
| Quantity | 1 |
| Type | Potential-free contact |

Digital transistor outputs

| | |
|--|---------------|
| Pulse width | 100 ms |
| Quantity | 1 |
| Type | 50 mA |
| Pulse output, time period (Ton / Toff) | 100 ms/100 ms |
| Maximum frequency | 5 imp / s |
| Maximum current | 50 mA |
| Maximum voltage | 24 Vdc |

Measurement accuracy

| | |
|---------------------------|-------|
| Phase voltage measurement | 0,50% |
|---------------------------|-------|



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Dimensions

