



DCP-96 AAC

DCP-96 AAC, Three-phase digital ammeter

Code: M22450.

- > Scale: .../5A, .../1A
- > System: AC
- > Paramètre: A,Hz
- > Mounting: Pannel
- > Modules: 96 x 96

Application

Measurement of basic electrical parameters in switchboards and low- and medium-voltage connections where space constraints require installing an accurate, space-saving panel indicator.



DCP-96 AAC

Panel-mounted digital instruments

Code: M22450.

Specifications

AC power supply

| | |
|-----------------------|---------------|
| Installation category | CAT III 300 V |
| Consumption | 1 ... 4 VA |
| Frequency | 50/60 Hz |
| Nominal voltage | 80...270 V ~ |

DC power supply

| | |
|-----------------------|---------------|
| Installation category | CAT III 300 V |
| Consumption | 0.5 ... 0.7 W |
| Nominal voltage | 80...270 Vdc |

Mechanical characteristics

| | |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 96 x 96 x 41.5 (mm) |
| Envelope | Polycarbonate + ABS |
| Weight (kg) | 0,2 |

Environmental characteristics

| | |
|--|----------------|
| Relative humidity (without condensation) | ≤ 95% |
| Storage temperature | -40 ... +85 °C |
| Working temperature | -25 ... +70 °C |

Current measurement circuit

| | |
|-----------------------|--|
| Installation category | CAT III 300 V |
| Consumption | < 0.2 VA (por fase) |
| Nominal current (In) | 1 A / 5 A ~ |
| Allowable overload | 1.2 In continuous, 10 In instantaneous(5s) |

Voltage measurement circuit

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

Standards

| | |
|--|---|
| Electrical safety, Maximum height (m) | 2000 |
| Electrical safety, Installation category | CAT III 300 V |
| Electrical safety, Contamination level/class | Pollution resistance 2 |
| Standards | IEC 61010-1, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11 |



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User interface

| | |
|--------------|--------|
| Keyboard | 3 keys |
| Display type | LCD |

Measurement accuracy

| | |
|---------------------------|------------------------|
| Frequency measurement | ± 0.01 Hz |
| Phase current measurement | 0.2 % (± 1 digit) |

DCP-96

Digital instruments 96 x 96

| CODE | TYPE | Scale | System | Paramètre | Modules |
|---------|------------|----------------|--------|-----------|---------|
| M22410. | DCP-96 VAC | 3 x 230 / 400V | AC | V, Hz | 96 x 96 |
| M22450. | DCP-96 AAC | .../5A, .../1A | AC | A,Hz | 96 x 96 |



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Connections

