



## KIT3 AMS14-FLEX

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Code: M86015. DESCATALOGADO

- > CIRe3
- > Scale: 100 A/200 A
- > Length: 14 cm
- > Nr Sensors: 3 x AMS14-FLEX
- > Measurement Range (A): 10 ... 100 A / 10 ... 200 A
- > I min: 1 / 2

### Specifications

#### AC power supply

|                       |                             |
|-----------------------|-----------------------------|
| Installation category | CAT III 300 Vac (IEC 61010) |
| Consumption           | 9 VA                        |
| Frequency             | 50...60 Hz.                 |
| Nominal voltage       | 100...400 Vc.a.             |
| Minimum current       | 0,01 x In                   |

#### DC power supply

|                 |              |
|-----------------|--------------|
| Nominal voltage | 70...315 Vdc |
|-----------------|--------------|

#### Environmental characteristics

|  |              |
|--|--------------|
| Protection class                         | IP 53        |
| Relative humidity (without condensation) | 95%          |
| Storage temperature                      | -10...+65 °C |
| Working temperature                      | 10...+50 °C  |

#### Standards

|                                       |   |
|---------------------------------------|---|
| Certifications                        | UL, VDE   |
| Electrical safety, Maximum height (m) | 2000  |
| Standards                             | IEC 60664-1, IEC 61010-1, IEC 62053-21, UL94, VDE 0110, IEC 61000-3-2, IEC 61000-3-3, IEC 61000-6-4, EN 55011, EN 55022, IEC 61000-6-2, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-8, IEC 61000-6-1, IEC 61000-4-11, UNE-ENV 50141 |

#### Current measurement circuit

|                               |                                      |
|-------------------------------|--------------------------------------|
| Phase current measuring range | (.../2V) 2,5...100% Full scale clamp |
| Measurement units             | Automatic scale change               |
| Transformation ratio          | Transformer                          |

#### Voltage measurement circuit

|                           |            |
|---------------------------|------------|
| Sampling frequency        | 45...65 Hz |
| Frequency measuring range | 45...65 Hz |

#### Mechanical characteristics



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|             |      |
|-------------|------|
| Weight (kg) | 0,24 |
|-------------|------|

### Measurement accuracy

|                                 |  |
|---------------------------------|--|
| Phase current measurement       | 0.5% (see current clamp measurement error)       |
| Active energy measurement (kWh) | 1% (see measurement error of the current clamps) |
| Active power measurement (kW)   | 1% (see measurement error of the current clamps) |
| Phase voltage measurement       | 0,5%   |