



KEA

Cod.62194

Network analyzer module at cabinet level for the lamp faults detection with 3% precision. It detects a lamp fault among 30 lamps per phase within the three phase + neutral systems and all the phases in the three phase without neutral systems. The installation of ANDROS RDE is required in order to make it work.

Main features

- Faults detection through the energy consumption monitoring over each single power supply line
- Configuration of three different power thresholds corresponding to three different number of not working lamps
- 3% precision for detecting the lamp faults
- Identification of 1 lamp fault every 30 per phase in three phase plus neutral systems
- Identification of 1 lamp fault every 30 over all the phases in three phase with no neutral systems
- Insensible to voltage variations on the line
- Insensible, using an algorithm auto adapting to a long time absorbed power variation (due to the lamps obsolescence per ex.)
- Required installation of Andros RDE to make it function



Technical features

Working voltage through transformer

230Vac, 115Vac, 24Vac, 48Vac-15/+10%50- 60Hz;
24+48Vdc±}20%

Nominal power

5A

Input maximum power

6A (with TA)

Hardware

Based on micro processor

Selecting electric system

Mono phase, 3 phase with neutral, 3 phase without neutral

Sampling timing

700 ms

Overload

36 A (6* I_{max}) per 500ms. Voltage: permanent 1.2 max
function range value

Nominal voltage

AV5: 660 V L-L5(6)A, AV6: 208 V L-L5(6)A

Wave shape

Sinusoidal or distorted wave

Measuring method

TRMS

Peak factor

<3 (10A max peak)

Temperature drift

≤200ppm/°C

Input impedance

400/660V-L: 1MY (input phase neutral)
100/208V-L: 453KY (input phase neutral)

Dielectric rigidity

4KV per 60s

Working temperature

0° + 50° C

Relative Humidity

<90% @40°C, not condensing

Installation Category

Cat.III

Protection degree

Front IP50 connections IP20

Box

ABS, self-extinguishing UL94 V-O

Connection

Through clamps with M4 screws, connection capacity
1,5 mm²

Dimensions

107,5 x 90 x 62,1 (L x H x P)- 6 DIN modules

Weight

400 g