



3 fázisáram (3×40A) + 4 fázisfeszültség (4×150V)
kimenet

Beépített ipari PC 8"-os LCD-vel
Távvezérlési lehetőség
Nagy-teljesítményű lineáris erősítő
Beépített GPS
Intelligens önvédelem
Független Aux. DC csatlakozás
Sokféle mérőmodul

The RELAYSTAR-806 is the ideal test set for 3-phase protection devices testing, which can output 3-phase current(3x0...40A) and 4-phase voltage(4x0...150V). It is easy to use, highly reliable, and covers a broad range of applications.

The local software system of RELAYSTAR-806 is designed based on Windows system. It can either be operated by embedded industrial PC with 8" TFT LCD screen or by test software running on a PC.

The compact design and high performance linear power amplifier make RELAYSTAR-806 particularly suitable for testing and commissioning work in distribution and industrial systems.

Technical Data

Current Generator

- Setting Range
 - 3-phase AC(L-N) 3x0...40A
 - 1-phase AC(LL-LN) 1x0...120A
 - DC(L-N) 3x0...±10A
- Power
 - 3-phase AC(L-N) 3x300VA at 40A
 - 1-phase AC(LL-LN) 1x1000VA at 120A
 - DC(L-N) 3x120VA at 10A
- Accuracy:
 - AC: ±1mA(≤0.2A), <0.1% (0.2~40A)
 - DC: ±5mA(≤0.5A), <0.2% (0.5~10A)
- Resolution 1mA

Voltage Generator

- Setting range
 - 4-phase AC(L-N) 4x0...150V
 - 1-phase AC(L-L) 1x0...300V
 - DC(L-N) 3x0...±160V
- Power
 - 4-phase AC(L-N) 4x70VA at 150V
 - 1-phase AC(L-L) 1x140VA at 300V
 - DC(L-N) 3x80VA at 160V
- Accuracy
 - AC: ±2mV(0.2~2V), <0.1% (2~150V)
 - DC: ±10mV(0~5V), <0.2% (5~160V)
- Resolution 1mV

Auxiliary DC Supply

- Voltage range: 110V/220V (max.1.5A)
- Power max.165VA/330VA

Binary Inputs

- Number 8
- Input characteristics: dle contact or potential-free contact
- Threshold characteristics: "0": 0... 6V; "1": 12V... 250V
- Max. measuring time: 999999.999s
- Time accuracy / resolution: ±1ms / 1ms

Binary Outputs

- Number: 4
- Type: idle contact
- Break capacity: 250VAC/0.5A, 250VDC/0.2A

General Generators

- Frequency
 - range: 0~1200Hz
 - accuracy: <1mHz (0~65Hz), <10mHz (65~450Hz), <20mHz (450~1200Hz)
 - resolution: 0.001Hz
- Phase
 - range: -360° ~ +360°
 - accuracy: 0.1°
 - resolution: 0.01°
- Harmonic
 - superposition order: 2~24 times
 - distortion: ≤0.5%

Power Supply

- Nominal input voltage: customized (AC 220V/230V/110V/120V ±10%, 1-phase)
- Nominal frequency: 50/60 Hz
- Rated current: 10A at 230V / 12A at 115V
- Connection: Standard AC socket (IEC 60320)

Environmental Conditions

- Operation temperature: 0 ... +50°C
- Storage temperature: -25 ... +70°C
- Humidity range: relative humidity 5 ... 95%, non-condensing
- Vibration: IEC 60068-2-6 (20m/s² at 10 ... 150 Hz)

Miscellaneous

- Weight: 18kg
- Dimensions (W x H x D, without handle): 405×300×164mm

EMC, érintésvédelem

- EMC: The product adheres to the electromagnetic compatibility (EMC) Directive 2004/108/EC(CE conform). IEC 61326-1; IEC 61000-6-4; IEC 61000-3-2/3
- Érintésvédelem: the product adheres to the low voltage Directive, 2006/95/EC(CE conform). IEC 61010-1

Certifications

- ISO 9001, ISO 14001, OHSAS 18001, CE, Tet Report, Calibration Report