

Jetec TKF-12 Phase Sequence Tester Installation Guide



Contents

- [1 PHASE SEQUENCE TESTER](#)
- [2 PHASE SEQUENCE AND MOTOR ROTATION TESTER](#)
 - [2.1 Standard accessories of the tester JTKF-12:](#)
 - [2.2 Optional accessories of the tester JTKF-12:](#)
 - [2.3 Standard accessories of the tester JTKF-13:](#)
 - [2.4 Optional accessories of the tester STKF-13:](#)
 - [2.5 JTKF-12](#)
 - [2.6 JTKF-13](#)
- [3 Documents / Resources](#)
- [4 Related Posts](#)

PHASE SEQUENCE TESTER

JTKF-12



PHASE SEQUENCE AND MOTOR ROTATION TESTER

JTKF-13



The unique TKF-12 & TKF-13 testers has been designed for checking triple phase power installations in the wide range of the phase-phase voltage between 100V to 690V in distribution network frequency range 10-70Hz. Our testers enables rotary field and motor rotation indication also with contact-less detection. TKF-13 provides quick indication of 3 phase rotation using test leads or can be used to determine motor rotation on 3 phase motors. TKF-12 is powered from tested network. TKF-13 is powered from 9V battery with AUTO-OFF function.

Standard accessories of the tester JTKF-12:

- | | |
|--|---------------------|
| – pin probe with banana connector – black | WASONBLOGB1 |
| – pin probe with banana connector – red | WASONREOGB1 |
| – pin probe with banana connector – yellow | WASONYEOGB1 |
| – “crocodile” clip K01; black | WAKROBL20K01 |

Optional accessories of the tester JTKF-12:

- | | |
|---|--------------------|
| – AGT-16P (triple phase socket adapter) | WAADAAGT16P |
| – AGT-32P (triple phase socket adapter) | WAADAAGT32P |
| – AGT-63P (triple phase socket adapter) | WAADAAGT63P |
| – carrying case S1 | WAFUTS1 |

Standard accessories of the tester JTKF-13:

- | | |
|--|---------------------|
| – test lead with banana plug; 1,2m; black | WAPRZ1X2BLBB |
| – test lead with banana plug; 1,2m; red | WAPRZ1X2REBB |
| – test lead with banana plug; 1,2m; yellow | WAPRZ1X2YEBB |
| – pin probe with banana connector – black | WASONBLOGB1 |
| – pin probe with banana connector – red | WASONREOGB1 |
| – pin probe with banana connector – yellow | WASONYEOGB1 |
| – “crocodile” clip K01; black | WAKROBL20K01 |
| – alkaline battery 6LR61 (9V) | |

Optional accessories of the tester STKF-13:

- | | |
|---|--------------------|
| – AGT-16P (triple phase socket adapter) | WAADAAGT16P |
| – AGT-32P (triple phase socket adapter) | WAADAAGT32P |
| – AGT-63P (triple phase socket adapter) | WAADAAGT63P |
| – carrying case S1 | WAFUTS1 |



JTKF-12

- **Phase sequence indication (direction of field rotation) in the power network with rated phase-to-phase voltage (120...690V) AC by LED signalization.**
- **Operation in the power network with frequency range 10...70Hz.**
- **Indication of the voltage presence in the particular phases by neon lamps signalization.**
- **Power supply from the tested network (continuous operation to 15 minutes for max. voltage).**
- **Protection against faulty indication of field rotation.**

Electric security:

- type of insulation double, according to EN 61010-1
- measurement category CAT III 600V acc. to EN 61010-1
- protection class acc. to EN 60529 IP42

Rated operational conditions:

- rated phase-to-phase voltage range 120...690V AC
- maximum operation phase-to-phase voltage 760V AC
- frequency range 10...70Hz
- operating temperature -10...+45°C
- storage temperature -20...+60°C

Other technical data:

- power supply from the tested electrical installation, up to 15 min for max. voltage
- dimensions 130 x 70 x 35mm
- weight (without test leads) approx. 200g

JTKF-13

- **Phase sequence indication (direction of field rotation) in the power network with rated phase-to-phase voltage (120...690V AC) by LED signalization.**
- **Operation in the power network with frequency 2...70Hz.**
- **Indication of the voltage presence in the particular phases by means of neon lamps.**
- **Indication of direction of motor rotations:**
 - under state without voltage with using the test leads,
 - remote, during motor operation.
- **Detection of magnetic field presence.**
- **AUTO-OFF function.**



v.8

Documents / Resources



[Jetec TKF-12 Phase Sequence Tester](#) [pdf] Installation Guide
JTKF-12, JTKF-13, TKF-12 Phase Sequence Tester, Phase Sequence Tester, Sequence Tester
, Tester