

The generation DUSPOL® voltage testers

- safe voltage testing up to 1000 V AC/DC
- load connection with vibration alert
- intentional tripping of a 30 mA RCD
- phase sequence test in a three-phase mains
- single-pole external conductor test (phase)

Additionally for DUSPOL® expert, DUSPOL® digital:

- acoustic continuity test with loud test buzzer and visual indication by means of yellow LED (continuity tests even of live components, such as e. g. fuses in “intermeshed” systems).
- measuring point illumination by means of white high-power LED
- phase sequence test by means of green LED (left/right)
- detector for non-contact localization of cable breaks on exposed and live lines

Additionally for DUSPOL® digital:

- voltage testing up to 1000 V AC TRUE RMS/1200 V DC
- TRUE RMS measuring method
- low-volt range: 1.0 V to 11.9 V
- frequency indication up to 1000 Hz
- resistance measurement up to 300 kΩ
- conducting-state voltage measurement of diodes
- automatic LC display illumination by means of a light sensor

Set offer:

Set DUSPOL® digital with premium case

DUSPOL® digital Set
item no. 050264



The PROFIPOL® + voltage tester with additional functions and convenient design

- slim and compact design
- test handle lock for one-hand operation on sockets and for safe storage
- indicating steps from 12 V to 690 V AC/DC, fully operational even with batteries being exhausted or removed
- acoustic continuity test with loud buzzer and visual indication by means of yellow LED (continuity tests even of live components, such as e. g. fuses in “intermeshed” systems).
- single-pole external conductor test (phase) and polarity test
- non-contact cable break detector (yellow LED)



Voltage and Continuity Tester

| | DUSPOL® digital | DUSPOL® expert | DUSPOL® analog | PROFIPOL® + |
|-------------------------------------|--|--|--|-----------------------------------|
| indication | LED/LCD (illuminated) | LED | plunger system (illuminated)/LED | LED |
| voltage range | 1.0 V - 1000 V AC/1200 V DC | 12 V - 1000 V AC/DC | 12 V - 1000 V AC/DC | 12 V - 690 V AC/DC |
| frequency range | 1 - 1000 Hz | – | – | – |
| acoustic and visual continuity test | buzzer + yellow LED 0 - 100 kΩ | buzzer + yellow LED 0 - 100 kΩ | – | buzzer + yellow LED 0 - 100 kΩ |
| diode test | 0.3 - 2.0 V | conducting-state/ non-conducting direction | – | – |
| resistance measuring range | 0.1 kΩ - 300 kΩ | – | – | – |
| phase-sequence test | green LEDs (right/left) | green LEDs (right/left) | LCD (“R” symbol) | – |
| single-pole external conductor test | red “lightning” LED | red “lightning” LED | LCD (“R” symbol) | red “lightning” LED |
| polarity test | LCD (+/-) | LED (+/-) | LED (+/-) | LED (+/-) |
| cable break detector | yellow LED (flashing) | yellow LED (flashing) | – | yellow LED |
| load connection via push button | I _s = 550 mA (1000 V) 30 mA RCD trip | I _s = 550 mA (1000 V) 30 mA RCD trip | I _s = 550 mA (1000 V) 30 mA RCD trip | – |
| vibrating alarm | • | • | • | – |
| measuring point illumination | white LED | white LED | – | – |
| protection class | IP 65 | IP 65 | IP 65 | IP 54 |
| item no. | 050263 | 050262 | 050261 | 020023 |

See page 32 for further accessories