

DUSPOL® voltage testers – the testers with the VDE mark of conformity PROFIPOL®+ a plus in functionality

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
- 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

Optional DUSPOL® stand-by case:



010911
(see page 18)

The new 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
- reduced testing current without RCD tripping
- acoustic continuity test with loud buzzer and visual indication by means of yellow LED
- single-pole external conductor test (phase) and polarity test
- non-contact cable break detector (yellow LED)



CAT III 600 V

PROFIPOL®+

Voltage and Continuity Tester

	DUSPOL® analog	DUSPOL® expert	DUSPOL® digital	PROFIPOL®+
indication	plunger system (illuminated)/LED	LED	LED/LCD (illuminated)	LED
voltage range	12 – 1000 V AC/DC	12 – 1000 V AC/DC	1.0 – 1000 V AC/1200 V DC	12 – 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	–	conducting-state/ non-conducting direction	0.3 – 2.0 V	–
resistance measuring range	–	–	0.1 kΩ – 300 kΩ	–
phase-sequence test	LCD (“R” symbol)	green LEDs (right/left)	green LEDs (right/left)	–
single-pole outer conductor test	LCD (“R” symbol)	red “lightning” LED	red “lightning” LED	red “lightning” LED
polarity test	LED (+/-)	LED (+/-)	LCD (+/-)	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	yes	yes	yes	–
measuring point illumination	–	white LED	white LED	–
protection class	IP 65	IP 65	IP 65	IP 54
item no.	050261	050262	050263	020023