

# DUSPOL® voltage testers – the testers with the VDE mark of conformity safe, reliable and powerful

## The new generation of 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



## Voltage and Continuity Tester

	DUSPOL® analog	DUSPOL® expert	DUSPOL® digital	PROFIPOL®
indication	plunger system (illuminated)/LED	LED	LED/LCD (illuminated)	LED
indication steps	12 – 1000 V AC/DC	12 – 1000 V AC/DC	1.0 – 1000 V AC/1200 V DC	6 – 400 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	–
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	–
polarity test	LED (+/-)	LED (+/-)	LCD (+/-)	LED (+/-)
cable break detector	–	yellow LED (flashing)	yellow LED (flashing)	–
load connection	I <sub>s</sub> = 600 mA (1000 V) 30 mA RCD trip	I <sub>s</sub> = 550 mA (1000 V) 30 mA RCD trip	I <sub>s</sub> = 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 65
item no.	050261	050262	050263	020022

