

OVERVIEW OF THE TESTING AND MEASURING FUNCTIONS

VOLTAGE AND CONTINUITY TESTER



	<i>DUSPOL® digital</i>	<i>DUSPOL® expert</i>	<i>DUSPOL® analog</i>	<i>PROFIPOL+</i>
Display	LCD/LED	LED	LED/plunger coil	LED
Display levels	1 - 1000 V AC (TRUE RMS)/ 1200 V DC	12 - 1000 V	12 - 1000 V	12 - 690 V AC/DC
Continuity	LED/buzzer	LED/buzzer	–	LED/buzzer
Resistance	0,1 - 300 kΩ	–	–	–
Diode	0,3 - 2 V (LCD)	–	–	–
Rotating field	Yes/green LED	Yes/green LED	Yes/LCD	–
Single-pole phase	Yes/red LED	Yes/red LED	Yes/LCD	Yes/red LED
Polarity	Yes/LCD	Yes/LED	Yes/LED	Yes/LED
Frequency	1 - 1000 Hz	–	–	–
non-contact cable break detector	Yes	Yes	–	Yes
30 mA FI trigger (key)	Yes	Yes	Yes	–
Vibration alarm	Yes	Yes	Yes	–
Measuring point lighting	Yes	Yes	–	–
Protection class	IP 65	IP 65	IP 65	IP 54
Overvoltage category	CAT IV 600 V CAT III 1000 V	CAT IV 600 V CAT III 1000 V	CAT IV 600 V CAT III 1000 V	CAT III 600 V CAT II 690 V
VDE/GS approval	Yes	Yes	Yes	–
Article no.	4000 828 830	4000 828 828	4000 828 822	4000 828 814

PHASE/ROTARY FIELD TESTER



	<i>BENNING Tritest easy</i>
Display	Green/red probe tip
Voltage range	200V-1000V AC
Acoustic/visual display	Buzzer/red-green LED test probe
Rotary field testing	non-contact
ON/OFF switch	manual/automatic
Voltage test	non-contact
cable break detector	non-contact
Article no.	4000 828 848

CONTINUITY TESTER AND PHASE-SEQUENCE INDICATOR



	<i>DUTEST® pro</i>	<i>TRITEST® pro</i>
LED display	3 x yellow, 2 x red	4 x red, 1 x green
Acoustic continuity test	Loud test buzzer up to 100 Ω	–
Visual continuity test (yellow LED)	0 – 100 Ω/1 kΩ/10 kΩ	–
Visual continuity test (green/red LED)	–	right/left rotating field
Voltage range	6 - 400 V AC/DC (50/60 HZ)	400 - 500 V AC (50/60 HZ)
Single-pole external conductor test (phase)	Yes	–
Polarity test (+/-)	Yes	–
Non-contact cable break test	Yes	–
Powerful LED torch	Yes, 4-level adjustment	Yes, 1 level
Magnetic hanger and belt clip	Yes	Yes
Security	DIN EN 61010-1	DIN EN 61010-1, DIN EN 61557-7
Measurement category	CAT III 300 V	CAT III 300 V
Battery requirement	3 x 1,5 V Mignon batteries, type AA	
Scope of supply	incl. measuring line set (red/black)	incl. measuring line/test probe set (brown/black/green), alligator clip (black)
Article no.	4000 828 842	4000 828 843