

Voltage Testers EN/IEC 61243-3

Prüfball

Voltage tester with rubber-case – VDE – IP 65 – CAT IV

Article no.	Type	Description
81301	SPB 500	24-500 V, movement 100-500 V, 24 V LCD- + 50 V LED indication
81302	SPB 500P	24-500 V, movement 100-500 V, 24 V LCD- + 50 V LED indication phase and phase sequence indicator
81321	SPB 500PR	24-500 V, movement 100-500 V, 24 V LCD- + 50 V LED indication phase and phase sequence indicator, continuity and self-test
81313	SPB 500PRA	24-500 V, movement 100-500 V, 24 V LCD- + 50 V LED indication phase and phase sequence indicator, continuity and self-test acoustic signal at voltage 57 dB intervall
81305	SPB 740	24-740 V, movement 120-740 V, 24 V LCD- + 50 V LED indication
81306	SPB 740P	24-740 V, Movement 120-740 V, 24 V LCD- + 50 V LED indication phase and phase sequence indicator
81325	SPB 740PR	24-740 V, movement 120-740 V, 24 V LCD- + 50 V LED indication phase and phase sequence indicator, continuity and self-test
81307	SPB 1000	24-1000 V, movement 120-1000 V, 24 V LCD- + 50 V LED indication
81308	SPB 1000P	24-1000 V, movement 120-1000 V, 24 V LCD- + 50 V LED indication, phase and phase sequence indicator
81327	SPB 1000PR	24-1000 V, movement 120-1000 V, 24 V LCD- + 50 V LED indication, phase and phase sequence indicator, continuity and self-test
Extras		
81019	SPB ... -G	Thread on both test electrodes for easier connections to the extensions
Accessories		
81020	SPB-S500-*	Extension for SPB approx. 500 mm long *shape of electrode: standard –Y bifurcated for overhead lines *alternative –i, -G, -U, -1, please specify!
81022	SPB-S600-*	Extension for SPB approx. 600 mm long *shape of electrode: standard –Y bifurcated for overhead lines *alternative -i, -G, -U, -1, please specify!
81028	SPB-S900-*	Extension approx. 940 mm long for operating distance of 1 m *shape of electrode: standard –Y bifurcated for overhead lines *alternative -i, -G, -U, -1 / other length, please specify!
81021	SPB-S20-A	SPB test probe to puncture underground cables
81023	SPB-S70	SPB extension test probe (test pin Ø 5 mm x length 70 mm)
81029	SPB-S-ADA	SPB screw on adapter with 4 mm-socket
84311	L-SET	Test lead 0,8 m 1000 V IP2X, alligator clip 25 mm 1000 V IP2X
81030	SP-LED	Leather bag with shoulder strap for SPB/DSP
81032	SP-KLT	Artificial leather bag for SPB/DSP
81035	SP-KLT-S600	Artificial leather bag for SPB/DSP and test probes up to 600 mm
81031	S-HÜLSE	Plastic tube for 2 extension test probes up to 600 mm

ProfiSafe

Voltage tester with LEDs and solar cell – VDE – IP 65 – CAT IV

Article no.	Type	Description
85322	LSP 3-400	12-400 V, LED indication for voltage 12, 24, 50, 120, 230, 400 V continuity 500 k Ω , polarity, phase and phase sequence indicator, solar cell, lithium accu, no battery required
85321	LSP 3-690	Idem, but 24-690 V, LED indication 24, 50, 120, 230, 400, 690 V
Accessories		
84011	DSP-S-ADA	Slip on adapter for DSP/LSP with 4 mm-socket
84013	DSP-S70	DSP/LSP extension test probe (test pin \varnothing 5 mm x length 70 mm)
84311	L-SET	Test lead 0,8 m 1000 V IP2X, alligator clip 25 mm 1000 V IP2X
84020	DSP-ETU	Artificial leather case for DSP/LSP
85320	LSP-COR	LSP textile bag with belt clip 300 x 135 mm

MultiSafe

Voltage tester with digital and LED indication – VDE – IP 65 – CAT IV

Article no.	Type	Description
84002	DSP 2	8-1000/1500 V,...0,1-199,9 V and 200-1200 V, resistance 0...1999 k Ω polarity, phase and phase sequence indicator (incl. battery)
84301	DSP 3	Idem additionally extra-low voltage 0,01...9,9 V, continuity up to 6 M Ω , frequency 15-10.000 Hz, unearthed phase sequence test, LCD backlight, incl. battery
84302	DSP 4	24-1000/1500 V, follow upto DSP 2 with backlight phase and phase sequence indicator without accessible electrode
Extras		
84019	DSP ...-G	Thread on both probes of the DSP for screwable extensions (Turning peaces for re-fitting can also be delivered separately)
Accessories		
84010	DSP-S500-*	Extension for DSP, length approx. 500 mm, attachable (att) idem 500 mm screwable (screw), thread 84019 on the DSP obligatory *shape of electrode: standard –Y bifurcated for overhead lines *alternative –i, -G, -U, -1, please specify!
84014	DSP-S900-*	Extension for DSP, length approx. 940 mm, fast screwable thread 84019 on the DSP obligatory *shape of electrode: standard –Y bifurcated for overhead lines *alternative -i, -G, -U, -1 / other length, please specify!
84316	DSP-HS5-*	High-tension test probe 5000 V for DSP 3, fast screwable length approx 440 mm, thread 84019 on the DSP obligatory *shape of electrode: standard –i round electrode *alternative –Y, -G, -1, please specify! Attention: two probes necessary!
84011	DSP-S-ADA	Slip on adapter for DSP/LSP with 4 mm-socket
84013	DSP-S70	Pivot prod for test holes, pivot \varnothing 5 mm, length 70 mm
84311	L-SET	Test line 0,8 m 1000 V IP2X, alligator clip 25 mm 1000 V IP2X
81030	SP-LED	Leather bag with shoulder strap for SPB/DSP
81032	SP-KLT	Artificial leather bag for SPB/DSP
84020	DSP-ETU	Artificial leather case for DSP/LSP
84021	DSP-COR	Textile case with belt clip 315 x 130 mm

Other Testers

Electricity meter tester

Article no.	Type	Description
81314	ZAP 350	Electricity meter tester and voltage tester, rubber housed with switchable load 350 W at 230 V, thermo-protection, movement 100...500 V, 24 V LCD- + 50 V LED indication, phase and phase sequence indicator, continuity and self-test

Accessories

81033	ZAP-LED	Leather case for Electricity meter tester
81034	ZAP-KLT	Plastic case for Electricity meter tester
81023	SPB-S70	SPB extension pivot prod (test pin Ø 5 mm x length 70 mm)

Voltage tester – Special types

Article no.	Type	Description
89304	DSP 3HS11-*	Two-pole high voltage tester 50–11000 V AC / 16000 V DC with LED and LCD display, attached high-tension test probes with exchangeable electrodes *shape of electrode: standard –i round electrode *alternative –Y, –G – please specify!
89306	DSP-TT1	Telescope voltage tester 1/1,5 kV for overhead lines of trams, test height up to 6 m, with magnet earthing for tram rails
81388	SPB 1000UB1	Prüfball 1000 V for undergrounds with live rail on the side SPB 1000RA without switch, with LED for continuity, earthclamp for fast connection to the rail, bended extension 600 mm

Accessories

84330	ALU-Koffer	Case with aluminium-border for DSP-HS, 1242 x 272 x 122 mm
84331	HS11-KLT	Artificial leather bag with ring bolt for DSP-HS, 1110 x 280 mm
84332	TT1-KLT	Artificial leather bag for DSP-TT, 1750 x 280 mm

Ω MegaSafe earth tester

Low impedance ohmmeter VDE 0413/4

Article no.	Type	Description
83302	EP 4	0,01... 9,99 Ω with 0,2 A measurement current in accordance with EN 61010-1 and 61557-4 more ranges 100 Ω, 2000 Ω, 20 kΩ, 200 kΩ, 2 MΩ overvoltage protection, voltage indicator, autom. 0-balance incl. battery and 1m-test line

Accessories

73021	EP-LED	Leather case for complete equipment with pay-off reel
73022	EP-KLT	Plastic case, small version, suitable for equipment with wire reel
73004	EP-RH50	50 m-measuring line on pay-off reel with integrated standard bush
73006	EP-DH50	50 m-measuring line on wire reel
73001	EP-EK	Earth terminal with standard bush
73007	EP-SÄ	Saw-tooth test prod with spring bushing and locking bushing

Ex - Measuring Instruments

VarioSafe

Intrinsically safe multimeter in accordance with ATEX

Article no.	Type	Description
82024	EXM 24A	Ex-Multimeter II 2G Ex ib T6/T4 and I M2 Ex ib I DMT 03 ATEX E013 according to EN 60079-0, 60079-11, 61010 for voltage and resistance tests, with chargeable NiMH-accumulator T4, without battery charger (Article no. 72328), including data hold voltage measurement tips and test lines for resistance, highly flexible
82023	EXM 24LB	Ex-Multimeter II 2G Ex ib T6/T4 and I M2 Ex ib I DMT 03 ATEX E013 according to EN 60079-0, 60079-11, 61010 for voltage and resistance test, with lithium battery T6, including data hold voltage measurement tips and test lines for resistance, highly flexible
82025	EXM 25A	Ex-Multimeter II 2G Ex ib T6/T4 and I M2 Ex ib I DMT 03 ATEX E013 according to EN 60079-0, 60079-11, 61010 for voltage, resistance, current and frequency tests, with chargeable NiMH-accumulator T4, without battery charger (Article no. 72328), including data hold voltage measurement tips and test lines for resistance and current, highly flexible
82026	EXM 25LB	Ex-Multimeter II 2G Ex ib T6/T4 and I M2 Ex ib I DMT 03 ATEX E013 according to EN 60079-0, 60079-11, 61010 for voltage, resistance, current and frequency tests, with lithium battery T6, including data hold voltage measurement tips and test lines for resistance and current, highly flexible

Accessories and Spare Parts for EXM 24 and 25

72328	NG4	Plug-in power pack NG 4
82011	EXM-LED	Ever-ready bag in leather
82318	TMZ 25	Temperature measurement TMZ 25 for EXM 25 excluding sensor
82107	EXM-TFU	Universal sensor for TMZ length 250 mm, Ø 3 mm
82108	EXM-TFO	Surface second sensor for TMZ length 110 mm, Ø 3 mm
82319	MZ 1005	Current measuring pliers for EX I – areas, MZ 1005 AC/DC 1000 A for EXM 25 incl. accumulator and battery charger
72025	AK72025/T4	NiMH-accumulator EXM 72025/T4 only with NG 4 chargeable
72026	LB72026 Li/T6	Lithium-battery EXM 72026 Li/T6
69024	EXM-SB 2A	Fuse socket 2 A for EXM 25 (special key SS2 required)
82015	EXM-SS2	Special key SS2 for fuse socket 69009 + 69024
72010	SPA	DATA-HOLD-voltage measurement tips for EXM 24, 25
72010L	SPA-L	DATA-HOLD-voltage measurement tips with long test contacts
72011	SPA HS2	Voltage tester 2000 V for EXM 25 (only Ex I)
82010	WID	Test lines for resistance and current, highly flexible

Ex Resistance meters

ΩMegaSafe EP 4Ex

**Intrinsically safe earth line tester
and low-impedance ohmmeter**

Article no.	Type	Description
83301	EP 4Ex	Earthline tester for Ex areas II 2G Ex ib IIC T4 ATEX 552826 according to EN 60079-0, 60079-11, 61010-1, 61557-4 0,01... 9,99 Ω with 0,2 A measurement current 0,1...99,9 Ω with 20 mA measurement current other ranges 100 Ω, 2000 Ω, 20 kΩ, 200 kΩ, 2 MΩ overvoltage protection, voltage indication, automatic 0-balance incl. battery and 1m-test line

Accessories

73021	EP-LED	Leather case for complete equipment with pay-off reel
73004	EP-RH50	50m-measuring line on pay-off reel with integrated standard bush
73006	EP-DH50	50m-measuring line on wire reel
73001	EP-EK	Earth terminal with standard bush
73007	EP-SÄ	Saw-tooth test prod with spring bushing and locking bushing
26011	BAT AIMn	Spare battery AIMn 9 V Daimon MN 1604 / IEC 6LR61

ΩMegaSafe ISO 1Ex

**Intrinsically safe insulation tester
and high-impedance ohmmeter**

Article no.	Type	Description
83310	ISO 1Ex	Terra ohmmeter for Ex areas II 2G Ex ib IIB T4 BVS 06 ATEX E130 according to EN 60079-0, 60079-11, 61010-1, 61557-2 ranges 2 2 MΩ, 20 MΩ, 200 MΩ, 2 GΩ, 20 GΩ, 200 GΩ, 2 TΩ test voltage 32, 100 and 500 V indication for external voltage, button for discharge, 0-balance incl. battery, 2 test lines and 2 isolated alligator clips

Accessories

81030	SP-LED	Leather bag small with shoulder strap
73021	EP-LED	Leather case big for complete equipment with electrodes
62013	BAT AIMn	Spare battery AIMn 9 V Daimon MN 1604 / IEC 6LR61
73010	ISO-TOL	Terra ohm lead for high bleeder resistors
73011	ISO-ELR	Annular electrode according to EN 61340-5-1 / 61340-2-3 (0,515 kg)
73012	ISO-ELVO	Electrode according to EN 61340-4-1 and 61340-2-3 (2,27 kg)