

Best Of Klauke

Autorizovaný distribútor Klauke:



ant s.r.o.
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Electrical connecting systems

Hand tools

Cable Pulling technology

Crimping tools

Cutting tools

Holemaking tools

Universal tools

Testing and measuring instruments



Verbindungen mit **System**
The **Power** of Partnership

Klauke®

Connection material for copper conductor

Tubular cable lugs Cu 6 - 400 mm², R-series									Tubular cable lugs Cu 10 - 300 mm², F-series								
    Standard type - For stranded conductors e.g. DIN EN 60228 Class 2 - For pre-rounded sector shaped conductors - Also available with inspection hole - Material/Surface: copper acc. to EN 13600/tin plated - Available with narrow flange for switchgear									  - For fine strand conductors e.g. DIN EN 60228 Class 5 and 6 - Also available with inspection hole - Material/Surface: copper acc. to EN 13600/tin plated - Also available as butt connector								
mm²	M5	M6	M8	M10	M12	M14	M16	M20	mm²	M5	M6	M8	M10	M12	M14	M16	M20
6	1R5	1R6	1R8	1R10	1R12				10	702F5	702F6	702F8	702F10	702F12			
10	2R5	2R6	2R8	2R10	2R12				16	703F5	703F6	703F8	703F10	703F12			
16	3R5	3R6	3R8	3R10	3R12				25	704F5	704F6	704F8	704F10	704F12			
25	4R5	4R6	4R8	4R10	4R12	4R14			35		705F6	705F8	705F10	705F12	705F14		
35		5R6	5R8	5R10	5R12	5R14	5R16		50		706F6	706F8	706F10	706F12	706F14	706F16	
50		6R6	6R8	6R10	6R12	6R14	6R16	6R20	70			707F8	707F10	707F12	707F14	707F16	
70		7R6	7R8	7R10	7R12	7R14	7R16	7R20	95			708F8	708F10	708F12	708F14	708F16	
95			8R8	8R10	8R12	8R14	8R16	8R20	120				709F10	709F12	709F14	709F16	709F20
120			9R8	9R10	9R12	9R14	9R16	9R20	150				710F10	710F12	710F14	710F16	710F20
150			10R8	10R10	10R12	10R14	10R16	10R20	185					711F12	711F14	711F16	711F20
185				11R10	11R12	11R14	11R16	11R20	240				712F10	712F12	712F14	712F16	712F20
240				12R10	12R12	12R14	12R16	12R20	300					713F12	713F14	713F16	713F20
300					13R12	13R14	13R16	13R20									
400					14R12	14R14	14R16	14R20									

Butt connectors Cu 0.75 - 400 mm², R-series									Compression cable lugs Cu 6 - 400 mm² acc. to DIN 46235								
    Standard type - For stranded conductors e.g. DIN EN 60228 Class 2 - In combination with EKM 60 ID suitable for fine-stranded conductors - Annealed material optimizes material and crimping characteristics - Material/Surface: copper acc. to EN 13600/tin plated									   - For solid, multi, fine and super fine round conductors, e.g. acc. to DIN EN 60228 Class 1, 2, 5 and 6 - Also for pre-rounded multi-stranded sector shaped conductors - Clear tool assignment by code number - Material/Surface: copper acc. to EN 13600/tin plated								
mm²		mm²		mm²		mm²			mm²	M5	M6	M8	M10	M12	M14	M16	M20
0.75	17R	10	22R	70	27R	240	32R		6	101R5	101R6	101R8					
1.5	18R	16	23R	95	28R	300	33R		10	102R5	102R6	102R8					
2.5	19R	25	24R	120	29R	400	34R		16		103R6	103R8	103R10	103R12			
4	20R	35	25R	150	30R				25		104R6	104R8	104R10	104R12			
6	21R	50	26R	185	31R				35		105R6	105R8	105R10	105R12	105R14		
									50			106R8	106R10	106R12	106R14	106R16	
									70			107R8	107R10	107R12	107R14	107R16	
									95			108R8	108R10	108R12	108R14	108R16	
									120				109R10	109R12	109R14	109R16	109R20
									150				110R10	110R12	110R14	110R16	110R20
									185				111R10	111R12	111R14	111R16	111R20
									240					112R12	112R14	112R16	112R20
									300						113R14	113R16	113R20
									400						114R14	114R16	114R20
									500							115R16	115R20
									625							116R16	116R20
									800							117R16	117R20
									1000							118R16	118R20

Butt connectors Cu 1.5 - 50 mm², Solid conductor								
 - For solid conductor, e.g. DIN EN 60228 Class 1 - Material/Surface: copper acc. to EN 13600/tin plated - Also available as a connector								
mm²		mm²		mm²		mm²		
1.5 - 2.5	SV1525	6	SV6	16	SV16	35	SV35	
4	SV4	10	SV10	25	SV25	50	SV50	

Connection material for aluminum conductor

Compression cable lugs Al acc. to 46329 16 - 500 mm²								Compression cable lugs Al/Cu 16 - 300 mm²						
   - For non-tension connections of Al-cables acc. to DIN EN 60228 and Al overhead lines acc. to DIN EN 50182 - Material/Surface: E-Al/bright - Also available with dimensions acc. to DIN - Tinned version also available								 - Dimensions acc. to DIN 46329 - For non-tension connections of Al-cables acc. to DIN EN 60228 and Al overhead lines acc. to DIN EN 50182 - Material/Surface: E-Al, Copper acc. to EN 13600/bright - For screwing non-tension aluminum connections using Cu-washers in humid areas						
mm² rm/sm*	mm² se*	M6	M8	M10	M12	M16	M20	mm² rm/sm*	mm² se*	M8	M10	M12	M16	M20
16	25		263R8	263R10				16	25	363R8	363R10			
25	35		264R8	264R10	264R12			25	35	364R8	364R10	364R12		
35	50		265R8	265R10	265R12			35	50	365R8	365R10	365R12		
50	70		266R8	266R10	266R12			50	70	366R8	366R10	366R12		
70	95		267R8	267R10	267R12			70	95		367R10	367R12		
95	120			268R10	268R12	268R16		95	120		368R10	368R12	368R16	
120	150			269R10	269R12	269R16		120	150			369R12	369R16	
150	185			270R10	270R12	270R16	270R20	150	185			370R12	370R16	370R20
185	240			271R10	271R12	271R16	271R20	185	240		371R10	371R12	371R16	371R20
240	300			272R10	272R12	272R16	272R20	240	300		372R10	372R12	372R16	372R20
300	--				273R12	273R16	273R20	300	--			373R12	373R16	373R20
400	--				274R12	274R16	274R20	400	--			374R12		
500	--				275R12	275R16	275R20							

* rm = round multi-stranded, sm = sector stranded, se = sector solid

Crimping and cutting tools

Klauke Micro

 K05 6 - 50 mm² K06 6 - 120 mm² K09 25 - 150 mm² - Synchronized profile dies adjustment - For tubular cable lugs and connectors standard type, acc. to DIN and "blue connection"	 K118 max. dia 12 mm - For solid, stranded, fine- and super fine stranded conductors, DIN EN 60228 cl. 1, 2, 5 and 6 - For fine and super fine conductors, Class 5 up to 50 mm² - High cutting performance by specially designed cutting blades	 K106/1 max. dia 34 mm - Lightweight design with great cutting performance - Effortless working thanks to 2-stage ratchet system	 K106/2 max. dia 62 mm 2-stage ratchet system - Lightweight design with high cutting performance	 50 mm² K50 SERIE PowerSense EK50ML 0.14 - 50 mm² - For interchangeable dies, series 50 - One-lever operation - Automatic retraction - Very low weight (0.96 kg) - Crimping force: 15 kN
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Hand-operated cutting tools for Cu and Al cable

Battery powered crimping tools (also available with Bosch or Makita battery)

 150 mm² K4 SERIE EK354 6 - 150 mm² - For crimping dies series 4 - Slim crimping head - Blue tooth for readout of data 18 V/2.0 Ah Li-Ion battery - Crimping force: 35 kN	 240 mm² K5 SERIE IPS EK505 6 - 240 mm² - For crimping dies series 5 - Intelligent Pressing System „IPS“ - Display for tool data 18 V/2.0 Ah Li-Ion battery - Crimping force: 50 kN	 300 mm² K22 SERIE IPS EK6022 6 - 300 mm² - For crimping dies series 22 - Intelligent Pressing System „IPS“ - Display for tool data 18 V/5 Ah Li-Ion battery - Crimping force: 60 kN	 400 mm² K13 SERIE IPS EK12042 10 - 400 mm² - For crimping dies series 13 - C-head with 42 mm opening width - Intelligent Pressing System „IPS“ - Automatic retraction stop (ARS) 18 V/5 Ah Li-Ion battery - Crimping force: 120 kN, wide crimping	 240 mm² IPS EKM60ID 240 mm² - No dies required - With 2-stage telescopic cylinder - Intelligent Pressing System „IPS“ 18 V/2.0 Ah Li-Ion battery - Crimping force: 30-60 kN
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Battery powered cutting tools (also available with Bosch or Makita battery)

Klauke Multi

 Ø 25 mm Cu/Al ACSR NEW ESM25 max. dia 25 mm - For cutting Al/St-wires (ACSR), round material (Cu, Al), armoured cables and stay wire 18 V/5 Ah Li-Ion battery - Cutting force: 67 kN	 Ø 35 mm Cu/Al NEW ESM35 max. dia 35 mm - For cutting copper and aluminium cables of all classes of conductor - Protected cutting mechanism through plastic housing 18 V/2.0 Ah, Li-Ion battery - Cutting force: 25 kN	 Ø 50 mm Cu/Al ESM 50 max. dia 50 mm - For cutting copper and aluminium cables (even fine stranded conductors) 18 V/2.0 Ah, Li-Ion battery - Cutting force: 38 kN	 Ø 65 mm Cu/Al ES65 max. dia 65 mm - Cuts light steel armoured copper and aluminum cables (depending on type of cable), suitable for fine stranded cables - Innovative opening mechanism 18 V/5 Ah Li-Ion battery - Cutting force: 40 kN	 3 in 1 Crimping Cutting Punching EKM60UNV - One head for crimping, cutting and punching - one tool for all - Small and slim, perfect for confined areas 18 V/2.0 Ah Li-Ion battery - Max. force: 60kN
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Crimping and cutting heads, safety cutting tool, pumps

 625 mm² K25 SERIE PK25/2 16 - 625 mm² - Hydraulic crimping head - For dies acc. to DIN 48083 sheet 3, series 25 - Crimping force: 250 kN - For connecting to hydraulic drive unit with 700 bar operating pressure	 Ø 105 mm Cu/Al armiert SDG105 max. dia 105 mm - Hydraulic cutting head - Cuts armoured copper and aluminum cables - Cutting force: 120 kN - For connecting to hydraulic drive unit with 700 bar operating pressure	 700 bar PK1000 - Single-acting crimping head for connecting pumps - For interchangeable dies, - Nickel-plated version - Quick coupling - Operation pressure: 700 bar	 Ø 120 mm ASSG120SL max. dia 120 mm - BG-approved safety cutting tool - Various head sizes (open or guillotine shape) up to 120 mm - Incl. 2 x 18 V/5 Ah Li-Ion batteries	 700 bar IPS AHP700L drive unit - For crimping, cutting and punching - Intelligent Pressing System "IPS" - Multifunction LED for data communication to PC 2 x 18 V/3.0 Ah Li-Ion battery - Operation pressure: max. 700 bar
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Insulated cable connections and cable end-sleeves



Insulated solderless terminals 0.5 - 6 mm ²						
mm ²	M3	M3.5	M4	M5	M6	M8
0.5 - 1.0	6203	62035	6204	6205	6206	6208
1.5 - 2.5	6303	63035	6304	6305	6306	6308
4 - 6			6504	6505	6506	6508



Insulated solderless terminals fork type 0.5 - 6 mm ²					
mm ²	M3.5	M4	M5	M6	M8
0.5 - 1.0	620C35	620C4	620C5	620C6	
1.5 - 2.5	630C35	630C4	630C5	630C6	
4 - 6		650C4	650C5	650C6	650C8



Insulated receptacles 0.5 - 6 mm ²						
mm ²	2.8 x 0.5	2.8 x 0.8	4.8 x 0.5	4.8 x 0.8	6.3 x 0.8	7.7 x 0.5
0.5 - 1.0	8201	8201A	8202	8203	720	7208
1.5 - 2.5	8301	8301A	8302	8303	730	7308
4 - 6				8503	750	



Insulated tabs 0.5 - 6 mm ²			
mm ²	0.5 - 1.0	1.5 - 2.5	4 - 6
2.8 x 0.5	8201C		
2.8 x 0.8	8201B		
4.8 x 0.5	8202B	8302B	8502B
4.8 x 0.8	8203B	8303B	8503B
6.3 x 0.8	820	830	850



Insulated cable end-sleeves 0.5 - 50 mm ² acc. to DIN 46228 part 4							
mm ²	L1	L2	mm ²	L1	L2		
0.5	12	6	6	20	12		
	14	8		26	18		
	14	8		22	12		
0.75	16	10	10	28	18		
	14	8		24	12		
	16	10		28	18		
1	14	8	16	24	12		
	16	10		28	18		
	14	8		30	16		
1.5	16	10	25	32	18		
	18	12		30	16		
	14	8		32	18		
2.5	18	12	35	36	20		
	17	10		40	25		
	20	12					
4			50				



ST 11 B Pocket box with insul. cable end-sleeves 0.5 - 2.5 mm ² acc. to DIN 46228 p. 4			
 50 x 0.5 mm ²	 100 x 0.75 mm ²		
 100 x 1 mm ²	 100 x 1.5 mm ²		
 50 x 2.5 mm ²			

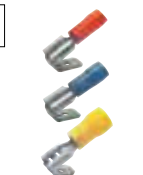
ST 12 B Pocket box with insul. cable end-sleeves 4 - 16 mm ² acc. to DIN 46228 p. 4			
50 x 4 mm ²	20 x 6 mm ²		
20 x 10 mm ²	10 x 16 mm ²		



Insulated pin terminals 0.5 - 6 mm ²		
mm ²		
0.5 - 1.0		705
1.5 - 2.5		710
4 - 6		715



Insulated receptacles (fully insulated) 0.5 - 6 mm ²		
mm ²		
0.5 - 1.0		720V
1.5 - 2.5		730V
4 - 6		750V



Insulated receptacles multiple type 0.5 - 6 mm ²		
mm ²		
0.5 - 1.0		720AZ
1.5 - 2.5		730AZ
4 - 6		750AZ



Insulated butt connectors 0.5 - 6 mm ²		
mm ²		
0.5 - 1.0		670
1.5 - 2.5		680
4 - 6		700



Insulated closed endsplices 1.5 - 6 mm ²		
mm ²		
1.5 - 2.5		1130
4 - 6		1150



Insulated twin cable end-sleeves 2 x 0.5 - 2 x 16 mm ²				
mm ²	L1	L2		
2 x 0.5	15	8		
	15	8		
2 x 0.75	17	10		
	15	8		
2 x 1	17	10		
	16	8		
2 x 1.5	20	12		
	18.5	10		
2 x 2.5	21.5	13		
	23	12		
2 x 4	26	14		
	26	14		
2 x 6	26	14		
	26	14		
2 x 10	30	14		
	30	14		
2 x 16	30	14		
	30	14		

• For multi-purpose use of clamps

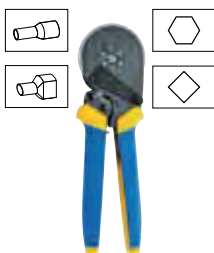
Mechanical crimping tools



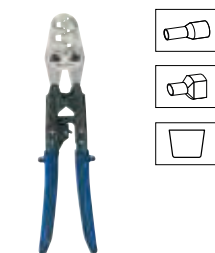
K4	0.5 - 2.5 mm ²
K3	0.5 - 16 mm ²
• Spring supported tool opening (K4) • With wire cutter (K3) • For cable end-sleeves	



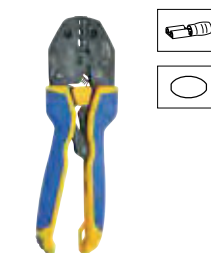
K301/4K	0.14 - 10 mm ²
	2 x 0.25 - 2 x 4 mm ²
• With ratchet • Positioner for exact crimping results	



K304K/	0.08 - 16 mm ²
K306K	2 x 0.5 - 2 x 10 mm ²
• One crimping profile for all sections • K304K: Square crimping • K306K: Hexagonal crimping	



K28	10 - 50 mm ²
	2 x 4 - 2 x 16 mm ²
• With ratchet • Trapezoid crimping	



K82	0.5 - 6 mm ²
• Crimping of conductor and insulation in one step • With ratchet • For insulated cable connections	



K507	0.5 - 10 mm ²
• Exchangeable dies integrated in handle	
	0.5 - 6 mm ²
	0.5 - 10 mm ²
	0.5 - 10 mm ²

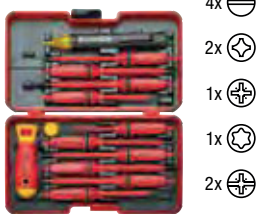
For cable end-sleeves and twin cable end-sleeves

Battery-powered crimping tools Orange Line with integrated voltage protection up to 1,000 V

 300 mm² Cu/Al NEW EKM6022IS max. 300 mm² - Insulated and VDE certified up to 1,000 V - Large crimping range up to 300 mm² - Crimping force: 60 kN	 240 mm² Cu/Al NEW EKM60IDIS max. 240 mm² - Insulated and VDE certified up to 1,000 V - Extra large crimping area due to innovative 2-stage telescopic cylinder (patent pending) - Indent crimping - no changing of dies required - Crimping force: 30-60 kN	 Ø 32 mm Cu/Al NEW ES32IS max. dia 32 mm - Insulated and VDE certified up to 1,000 V - For cutting stranded Cu and Al cables - Cutting force: 15 kN	 Ø 35 mm Cu/Al NEW ESM35IS max. dia 35 mm - Insulated and VDE certified up to 1,000 V - For cutting Cu and Al cables (fine-wired also) - Cutting force: 25 kN	 Ø 50 mm Cu/Al ACSR NEW ESM50IS max. dia 50 mm - Insulated and VDE certified up to 1,000 V - For cutting Cu and Al cables (fine-wired also) - Cutting force: 38 kN
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VDE tools



 VDE Cable cutters KL040160IS - High cutting performance on hard wires and soft wires - Length: 160 mm	 VDE Heavy-duty lever side cutter KL044200IS 18° angled head - Inductive hardened precision cutting edges for superfine wires - Cuts soft and medium-hard wires - Length: 200 mm	 VDE Cable cutters KL010210IS - Stripping and cutting of copper and aluminum cables - Adjustable joint - Length: 210 mm	 VDE Combination pliers KL020180IS - Holds flat and round material, cuts hard and soft wires - With combination ring spanner 11 – 17 mm (M8 - M10)	 VDE Telephone pliers, bent KL055205IS - Serrated jaws, 45° angled flat-round jaws - With wire cutter - Length: 205 mm
 VDE Screwdriver Slim Line PZ1/PZ2 - For Pozidriv screws - PZ1: KL120PZ1SLIM - PZ2: KL120PZ2SLIM	 VDE Screwdriver Slim Line Z1/Z2 - For Plus/Minus screws - For switchgear - Z1: KL130PM1SLIM - Z2: KL130PM2SLIM	 VDE Screwdriver set KL390IS, 6 pcs - Phillips: 80 x PH1 / 100 x PH2 - Slotted: 2.5 x 0.4 x 75 / 4.0 x 0.8 x 100 / 5.5 x 1.0 x 125 mm - Single-pole voltage tester, 150 V - 250 V	 VDE Screwdriver set Slim Line KL390ISLIM, 5 pcs - Pozidriv Slim Line: 80 x PZ1 / 100 x PZ2 - Slotted Slim Line: 3.5 x 0.6 x 100 / 5.5 x 1.0 x 125 mm - Single-pole voltage tester, 150 V - 250 V	 Klauke E-smart box KL301IS, 13 pcs Interchangeable IEC screwdriver blade set for all standard screws, with voltage tester GT-12A

Standard, wire stripping and stripping tools

 Engineers professional case KL905B15, 15 pcs - Technicians notebook/tool bag - Equipped with VDE and standard tools - Material: Hard-wearing nylon	 Socket head bit set 1/4" KL361, 28 pcs - Ratchet 1/4" 16 Bits, 1 Quick-change chuck - Smart handle 2 Extensions 75 mm, 150 mm	 Automatic wire stripping tool K43/3 - Self-adjustable cutting and stripping tool incl. cutter for fine stranded cable - Spare stripping knife in handle - Stripping range: 0.03 - 16 mm²	 Cable stripper K400 - Exchangeable hooks, width 4.5 - 40 mm - Stripping diameter max. 21/40 mm	 Electricians knife with straight blade with hooked blade KL745GK KL745HK Precise, fast and safe stripping of all standard round cables from 4 - 28 mm dia
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Round punches



**Slug Buster punches
SLUG-BUSTER**

- Suitable for mild steel, plastic and aluminum up to 3.5 mm

Punch Size			Max. material-thickness mm (mild steel)	Complete unit
True dimension mm	Standard size Pg	ISO		
12.5	7	12	1.5	50067273
15.2	9		2.0	50319892
16.2		16	2.0	50351770
18.6	11		2.0	50319906
20.4	13	20	2.0	50319914
22.5	16		2.0	50319620
25.4		25	2.0	50351788
28.3	21		3.0	50319639
28.3	21		2.0	50319930
30.5			2.0	50365088
30.5			3.0	50602462
32.5	32		3.0	50351796

Punch Size			Max. material-thickness mm (mild steel)	Complete unit
True dimension mm	Standard size Pg	ISO		
34.6			3.0	50319647
37.0	29		3.0	50319957
40.5		40	3.0	50351800
43.2			3.0	50319655
47.0	36		3.0	50319965
49.6			3.0	50319663
50.8	50		3.0	50351818
54.0	42		3.0	50361716
60.0	48		3.0	50319981
61.5			3.0	50319671
64.0	63		3.0	50351826



SPEED PUNCH® punches

- Up to 3x faster than conventional punching tools
- Simple operation and great time-saving due to speed lock system

Punch Size			Max. material-thickness mm (mild steel)	Complete unit
True dimension mm	Standard size Pg	ISO		
16.2		16	3.5	52055431
20.4		20	3.5	52055432
22.5	16		3.5	52055433
25.4		25	3.5	52055434
32.5		32	3.5	52055435
40.5		40	3.5	52055436
50.8		50	3.5	52055437
64.0	63		3.5	52055438

Punch drivers



7804E



7904E

**Hydraulic punch driver
Kwik Draw™ 7804E 50342916
Kwik Draw 90™ 7904E 50342991**

- Round punches up to ISO 63 (64 mm dia)
- Special shape punches up to max. 68 x 68 mm or 35 x 65 mm



Battery-powered punch drivers

- available with Bosch or Makita battery
- LS50FLEX
- Punching force: 60 kN
- LS100FLEX
- Punching force: 100kN

Special cutting tools and step bits



**Wiring duct cutter
50125700**

- Burr-free cutting lengths also for halogen-free cable channel
- Standard and halogen-free plastic profile
- Maintenance free



**Kwik Stepper Step bit set
50069900**

- Burr free drilling of steel sheets, pipes, non-ferrous metals, stainless steel and plastic
- Drilling range from 4 - 30 mm

Cable pulling technology



NEW



100 mm

Dura Spinner

- With rotatable spring guide head
- Polyester fish tape included accessory kit and insertion aid
- Nearly unbreakable polyester tape

Dia	Length	
3,0 mm	20 m	52074656
3,0 mm	30 m	52074657

Flexi Spinner

- Polyester fish tape included accessory kit and insertion aid
- Sturdy housing

Dia	Length	
4,5 mm	20 m	52055389
4,5 mm	25 m	52055390
4,5 mm	30 m	52055391

Testers and measuring instruments



GT-12A



GT-16

Contactless voltage tester

- With automatic self-test
- GT-12A: Voltage range: 50 - 1,000 V AC CAT IV / 1,000 V
- GT-16: Voltage range: 5 - 1,000 V AC CAT IV / 1,000 V



**Bipolar voltage tester
GT-85NE**

- LC display / AC and DC voltage
- Rotary field testing, phase testing and continuity check, optical and acoustic
- Diode test
- CAT: III 1000 V / IV 600 V



**Digital multimeter
DM-200A**

- Automatic and manual range selection
- Backlit LC-display
- AC and DC test
- Temperature test, capacity
- CAT: II 1000 V / III 600 V / IV 300 V



**Clamp-on multimeter
CM-1560**

- True RMS actual effective value
- AmpTip™ provides increased accuracy
- CAT: IV 600 V / III 1000 V
- Lifetime Warranty

Autorizovaný distribútor Klauke:

www.klauke.sk



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