



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Measuring/Testing

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# Measuring/Testing



















Testing plays a crucial role in setting up, maintaining and repairing electrical installations and devices. Tests are crucial when setting up, servicing and repairing electrical installations and equipment. Please apply and adhere to the accident prevention and safety regulations relevant to your installation, which call for repeat tests after modifications and maintenance work in addition to the tests required before using the installation for the first time.

The person responsible for setting up the installation is required to check that the installation or individual components function perfectly. They must also ensure the compliance with the technological regulations, in particular the VDE regulations and technical connection requirements (TAB) issued by the power supply companies. It is also important to check that all precautionary measures to prevent extremely excessive contact voltage work perfectly in order to guarantee and comply with the necessary safety standard. Using voltage and continuity testers from Weidmüller ensures that all tests are performed according to the relevant regulations.

Testing is very important during the setup, maintenance and repair of electrical facilities and equipment. You can conduct your tests properly with Weidmüller's voltage and continuity testers. The devices comply with all of the relevant standards.



## Overview of applications and testing functions

	6 V voltage test – e.g. models		400 V voltage test – 3-phase voltage systems		Semiconductor check
	12 V voltage test – e.g. car batteries		3-48 V measuring range		Frequency check
	24 V voltage test – e.g. HGV batteries		Plug-in test probe		Capacitance check
	50 V – limit of the dangerous voltage range for the human body		Car Check		Resistance check
	120 V voltage test – customary voltage in some countries, e.g. USA		Test probe illumination		Phase sequence check
	230 V/240 V voltage test – customary voltage in the majority of European countries		Polarity check		Continuity check



### 2-pole voltage testers

The main purpose of the voltage tester is to check the presence or absence of a voltage. The 2-pole voltage tester is an approved testing instrument that satisfies the requirements of the Industrial Safety Act.



### Digital clamp-on meters

Digital clamp-on meters and clamp-on meter attachments and adapters are used for measuring AC and DC currents. The important advantage of these devices is that the measurements can be undertaken without interrupting the flow of current.



### Digital multimeters

Multimeters are able to measure a number of different parameters. The measuring options for voltage and resistance, plus continuity testing and the diode test are available on every instrument as standard.



### Network tester

Network testers enable you to make quick cabling tests and quick diagnoses of cabling errors.

# Overview of two-pole voltage testers

## Technical specification

	<b>Volt Check 3.1</b>	<b>Car Check</b>	<b>Master Check 3.2</b>	<b>Combi Check 1.3</b>	<b>LSP 3 400 V</b>	<b>LSP 3 690 V</b>	<b>Multi Check 5.2</b>	<b>Digi Check 3.2</b>	<b>Digi Check 5.2</b>
Page number	Page G.10	Page G.10	Page G.9	Page G.9	Page G.8	Page G.8	Page G.7	Page G.6	Page G.6
Order No.	<b>9918950000</b>	<b>9918970000</b>	<b>9918880000</b>	<b>9918860000</b>	<b>9205050000</b>	<b>9205060000</b>	<b>9918920000</b>	<b>9918850000</b>	<b>9918870000</b>
E-No.			983 304 449	983 304 439			983 308 109		983 308 119
Rated voltage range	6 – 400 V AC/DC	3 – 48 V DC	6 – 400 V AC/DC	6 – 690 V AC/DC	12 – 400 V AC/DC	24 – 690 V AC/DC	5 – 500 V AC/DC	5 – 690 V AC/DC	5 – 690 V AC/DC
Display	LED + glow lamp	LED	LED	LED	LED	LED	LCD	LCD	LCD
6 V	x	3 – 48 V	x	x			x	x	x
12 V			x	x	x		x	x	x
24 V			x	x	x	x	x	x	x
50 V	x		x	x	x	x	x	x	x
120 V	x		x	x	x	x	x	x	x
230 V	x		x	x	x	x	x	x	x
400 V	x		x	x	x	x	x	x	x
690 V				x		x		x	x
Polarity (+/-)	x	x	x	x	x	x	x	x	x
Continuity test			x	x	x	x	x	x	x
Acoustic signal tone				x				x	x
Single-pole phase test				x	x	x	x	x	x
One-hand testing			x	x			x	x	x
Illuminated measuring probes				x				x	x
HOLD function							x	x	x
Phase sequence test				x	x	x			x
Capacitance measurement									x
Frequency measurement									x
Resistance measurement									x
Selectable load									Triggers FI
Power supply			2 x 1.5 V AAA	2 x 1.5 V AAA	Solar cell + rechargeable battery	Solar cell + rechargeable battery	2 x 1.5 V AAA	2 x 1.5 V AAA	9 V battery
Order no., battery			<b>9201310000</b>	<b>9201310000</b>			<b>9201310000</b>	<b>9201310000</b>	<b>9004810000</b>
Order no., carry bag	<b>9201520000</b>	<b>9201520000</b>	<b>9201520000</b>	<b>9201520000</b>	<b>9201520000</b>	<b>9201520000</b>	<b>9201520000</b>	<b>9201520000</b>	<b>9201520000</b>

## Safety features

Peak resistance voltage	5 kV		4 kV	6 kV	12 kV	12 kV	6 kV	6 kV	5 kV
VDE standard	VDE 0411 part 031		VDE 0682 part 401	VDE 0682 part 401	VDE 0682 part 401	VDE 0682 part 401	VDE 0682 part 401	VDE 0682 part 401	VDE 0411
EN/IEC standard	EN/IEC 61010-031		EN/IEC 61243-3	EN/IEC 61243-3	EN/IEC 61243-3	EN/IEC 61243-3	EN/IEC 61243-3	EN/IEC 61243-3	EN/IEC 61010-1
Dimensions	190 x 25 x 19	137 x 21 x 18	230 x 55 x 34	231 x 48 x 37	231 x 48 x 37	231 x 48 x 37	225 x 58 x 33	225 x 58 x 33	230 x 68 x 41
Weight	70 g	57 g	135 g	135 g	170 g	170 g	142 g	142 g	162 g
Protection class	IP40		IP50	IP50	IP65	IP65	IP50	IP50	IP50
Operating temperature	-10 °C...+50 °C	-10 °C...+50 °C	-10 °C...+55 °C	-10 °C...+55 °C	-10 °C...+55 °C	-10 °C...+55 °C	-10 °C...+55 °C	-10 °C...+55 °C	-10 °C...+55 °C

# Overview of digital multimeters

## Technical specification

	<b>Temphaser</b>	<b>125S</b>	<b>1037</b>	<b>2606</b>	<b>MG Kit CA 600</b>
Page number	Page G.11	Page G.11	Page G.13	Page G.13	Page G.12
Order No.	<b>9427300000</b>	<b>9425830000</b>	<b>9423580000</b>	<b>9427370000</b>	<b>9427460000</b>
Measurement range					
• DC voltage	0.2 – 600 V	0.32 – 600 V	0.2 – 1000 V	0.4 – 1000 V	0.2 – 600 V
• AC voltage	0.2 – 600 V	0.32 – 600 V	0.2 – 750 V	0.4 – 1000 V	0.2 – 600 V
• DC current				up to 1000 A	0 – 600 A
• AC current			up to 200 A**	up to 1000 A	0 – 600 A
• Resistance	up to 2000 MΩ	up to 30 MΩ	up to 200 kΩ	up to 40 MΩ	up to 2000 MΩ
• Capacitance	20 μF – 20 mF		up to 200 μF	4 nF – 40 μF	20 μF – 20 mF
• Frequency	10 Hz – 40 kHz			0.1 – 400 kHz	10 Hz – 40 kHz
• Temperature	–20 °C to +750 °C				–20 °C to +750 °C
Continuity test	x	x	x	x	x
Diode test	x	x	x	x	x
Phase sequence test	x				x
Selection of measuring range	manual	automatic	manual	automatic/manual	manual
HOLD function			x	x	
MAX/MIN function			x	x	
PEAK measurement				x	
Opening width of pliers			23 mm	57 mm	30 mm
Standard	EN/IEC 61010-1	EN/IEC 61010-1	EN/IEC 61010-1	EN/IEC 61010-1	EN/IEC 61010-1
Measurement range category	CAT III 600 V	CAT III 600 V	CAT III 1000 V	CAT III 1000 V	CAT III 600 V
Dimensions in mm	147 x 70 x 39	147 x 70 x 39	214.5 x 66 x 44	277 x 102 x 49	178 x 70 x 33

## Accessories

	<b>Temphaser</b>	<b>125S</b>	<b>1037</b>	<b>2606</b>	<b>MG Kit CA 600</b>
Power supply	9 V battery	9 V battery	9 V battery	9 V battery	9 V battery
Order no., battery	<b>9004810000</b>	<b>9004810000</b>	<b>9004810000</b>	<b>9004810000</b>	<b>9004810000</b>
Accessories (included)	2 x Test wires with test probe 1 x Test wire with alligator clip 2 x Alligator clip 1 x Temperature probe 1 x Belt clip 1 x Spare fuse	2 x Test wires with test probe 1 x Belt clip	2 x Test wires 2 x Short test probe 2 x Long test probe 2 x Test wire with alligator clip, thin 2 x Test wire with alligator clip, wide 1 x Pliers adapter 1 x Carry case	2 x Test wires with test probe 1 x Carry case	2 x Test wires with test probe 1 x Test wire with alligator clip 2 x Alligator clip 1 x Temperature probe 1 x Belt clip 1 x Spare fuse 1 x Portable case
Order No.	<b>9205260000</b>	<b>9205270000</b>	<b>9205460000</b>	<b>9205270000</b>	<b>9205260000</b>
Accessories test wires	(without temperature probe)		(without pliers adapter)		(without temperature probe)

\*\*when connected with pliers adapter\* acc. to EN 61243-3, in all low-voltage systems up to 1000 V

## Digital voltage testers

### Digital voltage testers

- LCD including bar chart
- One-hand testing is possible
- Protection for test probe
- Continuity test
- Low-battery indicator
- HOLD function
- Backlit illumination
- Polarity detection
- Single-pole phase test is possible

### Digi-Check 5.2

#### Digital voltage tester



- Acoustic indicator
- Test probe illumination
- Audible signal tone for voltage and continuity
- Selectable load for residual current test
- Phase sequence indicator

### Digi-Check 3.2

#### Digital voltage tester



- Test probe illumination
- Audible signal tone for voltage and continuity
- Acoustic indicator
- Including batteries



### Technical data

Rated voltage
Input resistance, voltage
Peak voltage resistance
Frequency range, min.
Display
Resistance measuring range
Measured capacitance value, min.
Operating temperature, min.
Protection class
Approvals
Weight
<b>Note</b>

<b>DIGI-CHECK 5.2</b>
5...690 V AC/DC
≥ 300 kΩ, +2.5 kΩ upon pressing the LOAD key
5 kV
0...2000 Hz
LCD
0.0...2 Ω
1...50 μF
-10...55 °C
IP 50
EN / IEC 61010
162 g

<b>DIGI-CHECK 3.2</b>
5...690 V AC/DC
≥ 300 kΩ
6 kV
0...100 Hz
LCD
-10...55 °C
IP 50
EN / IEC 61243-3 (VDE 0682 part 401)
142 g

### Ordering data

<b>Version</b>
<b>Note</b>

Type	Qty.	Order No.
DIGI-CHECK 5.2	1	9918870000
DIGI-CHECK 5.2 – 2 mm probes	1	9201580000
Protective case included		

Type	Qty.	Order No.
DIGI-CHECK 3.2	1	9918850000
DIGI-CHECK 3.2 – 2 mm probes	1	9201590000

### Accessories

<b>Note</b>
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Type	Qty.	Order No.
SKAI BAG	1	9201520000
BATTERY 9V	1	9004810000

Type	Qty.	Order No.
SKAI BAG	1	9201520000
BATTERY 1.5V MICRO	2	9201310000

### Multi-Check 5.2

#### Digital voltage tester



- Battery included



<b>MULTI-CHECK 5.2</b>
5...500 V AC/DC
≥ 300 kΩ
6 kV
0...100 Hz
LCD
-10...55 °C
IP 50
EN / IEC 61243-3 (VDE 0682 part 401)
142 g

Type	Qty.	Order No.
MULTI-CHECK 5.2	1	9918920000
MULTI-CHECK 5.2 – 2 mm probes	1	9201570000

Type	Qty.	Order No.
SKAI BAG	1	9201520000
BATTERY 1.5V MICRO	2	9201310000





## 2-pole voltage tester

### 2-pole voltage tester

- Automatic testing, identification and display of voltage type (AC or DC) and polarity
- Concisely arranged LED display
- Phase testing relative to earth
- Polarity testing
- Continuity testing and semiconductor testing
- Touch protection because of high input resistance
- Large voltage range

### LSP 3 - 400 V

#### 2-pole voltage tester



- No battery: maintenance-free and eco-friendly
- Surge proof to 12kV
- Phase sequence indicator
- High-performance solar cell combined with rechargeable lithium battery

### LSP 3 - 690 V

#### 2-pole voltage tester



- No battery: maintenance-free and eco-friendly
- Surge proof to 12kV
- Phase sequence indicator
- High-performance solar cell combined with rechargeable lithium battery



### Technical data

Rated voltage
Input resistance, voltage
Peak voltage resistance
Frequency range, min.
Display
DC voltage display
AC voltage display
Operating temperature, min.
Protection class
Approvals
Weight
<b>Note</b>

<b>LSP 3 - 400V</b>
12...400 V AC/DC
12 kV
0...2000 Hz
LED
-10...55 °C
IP 65
EN / IEC 61243-3 (VDE 0682 part 401)
170 g

<b>LSP 3 - 690V</b>
24...690 V AC/DC
12 kV
0...2000 Hz
LED
-10...55 °C
IP 65
EN / IEC 61243-3 (VDE 0682 part 401)
170 g

### Ordering data

<b>Version</b>
<b>Note</b>

Type	Qty.	Order No.
LSP 3 - 400V	1	9205050000

Type	Qty.	Order No.
LSP 3 - 690V	1	9205060000

**Combi-Check 1.3**

2-pole voltage tester



- Acoustic indicator
- Phase sequence indicator
- Single-pole phase test
- Batteries included

**Master-Check 3.2**

2-pole voltage tester



- Batteries included



<b>COMBI CHECK 1.3</b>
6...690 V AC/DC
6 kV
0...100 Hz
LED
-10...55 °C
IP 50
EN / IEC 61243-3 (VDE 0682 part 401)
135 g

<b>MASTER-CHECK 3.2</b>
6...400 V AC/DC
4 kV
0...100 Hz
LED
-10...55 °C
IP 50
EN / IEC 61243-3 (VDE 0682 part 401)
135 g

Type	Qty.	Order No.
COMBI CHECK 1.3	1	9918860000
COMBI CHECK 1.3 – 2 mm probes	1	9204230000

Type	Qty.	Order No.
MASTER-CHECK 3.2	1	9918880000
MASTER-CHECK 3.2 – 2 mm probes	1	9201260000

Type	Qty.	Order No.
SKAI BAG	1	9201520000
BATTERY 1.5V MICRO	2	9201310000

Type	Qty.	Order No.
SKAI BAG	1	9201520000
BATTERY 1.5V MICRO	2	9201310000



## 2-pole voltage tester

## 2-pole voltage tester

### Car-Check

#### 2-pole voltage tester for cars



- Test probe
- Pin with sliding mechanism
- 130-cm long cable
- Polarity detection

### Volt-Check 3.1

#### 2-pole voltage tester



- LED indicator for voltage and phase
- Polarity detection

### Technical data

Rated voltage
Input resistance, voltage
Peak voltage resistance
Frequency range, min.
Display
DC voltage display
AC voltage display
Operating temperature, min.
Protection class
Approvals
Weight
<b>Note</b>

<b>CAR-CHECK</b>
3...48 V DC
LED
-10...50 °C
57 g

<b>Volt-Check 3.1</b>
6...400 V AC/DC
5 kV
0...100 Hz
LED
-10...50 °C
IP 40
EN / IEC 61010
70 g

### Ordering data

<b>Version</b>
<b>Note</b>

Type	Qty.	Order No.
CAR-CHECK	1	9918970000

Type	Qty.	Order No.
Volt-Check 3.1	1	9918950000
Volt-Check 3.2 – 2 mm probes	1	9205190000

### Accessories

<b>Note</b>

Type	Qty.	Order No.
SKAI BAG	1	9201520000

Type	Qty.	Order No.
SKAI BAG	1	9201520000

**Digital multimeters**

- Measures voltages up to 600 V
- Resistance measurement and semiconductor test
- Battery status display

**Temphaser**

**Temphaser**



- Voltage and resistance measurements
- Capacitance and frequency measurements
- Temperature measurement (including temp. probe)
- Phase sequence measurement

**Multimeter 125S**

**Digital multimeter**



- Voltage and resistance measurements
- Automatic measuring range selection



**Technical data**

DC voltage measuring range
Degree of accuracy, DC voltage
AC voltage measuring range
Degree of accuracy, AC voltage
Resistance measuring range
Measured capacitance value, min.
Frequency range, min.
Temperature measuring range
Operating temperature, min.
Approvals
Weight
<b>Note</b>

<b>TEMPHASER</b>
0.2 - 600 V
0.2 - 600 V
0.2...2000 MΩ
20...20 mF
10...40 kHz
-20...750 °C
0...50 °C
EN / IEC 61010
340 g

<b>MULTIMETER 125S</b>
0.32 - 600 V
0.32 - 600 V
0.3...30 MΩ
0...100 Hz
0...50 °C
EN / IEC 61010
323 g

**Ordering data**

<b>Version</b>
<b>Note</b>

Type	Qty.	Order No.
TEMPHASER	1	942730000

Type	Qty.	Order No.
MULTIMETER 125S	1	942583000

**Accessories**

<b>Note</b>
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Type	Qty.	Order No.
ZUB TEMPHASER	1	920526000

**Ordering information for accessories:** temperature sensor not included

Type	Qty.	Order No.
ZUB MULTIMETER	1	920527000

**Ordering information for accessories:** belt clip not included

## Digital multimeters and current-measuring clamp-on attachment

### Digital multimeters and current-measuring clamp-on attachment

- Measures voltages up to 600 V
- Measures currents up to 600 A with clamp-on attachment
- Resistance measurement and semiconductor test
- Battery status display

### MG KIT CA 600

#### Digital multimeter + clamp-on attachment



- Capacitance measurement
- Frequency measurement
- Temperature measurement
- Phase sequence measurement is possible



### Technical data

DC voltage measuring range
Degree of accuracy, DC voltage
AC voltage measuring range
Degree of accuracy, AC voltage
Measured current value, max.
Opening width of current-measuring clamp-on attachment
Resistance measuring range
Measured capacitance value, min.
Frequency range, min.
Temperature measuring range
Operating temperature, min.
Approvals
Weight

#### Note

### MG KIT CA 600

0.2 - 600 V

0.2 - 600 V

600 A

30 mm

0.2...2000 M $\Omega$

20...20 mF

10...40 kHz

-20...750 °C

0...50 °C

EN / IEC 61010

910 g

### Ordering data

#### Version

#### Note

#### Type

#### Qty.

#### Order No.

MG KIT CA 600

1

9427460000

### Accessories

#### Note

#### Type

#### Qty.

#### Order No.

ZUB TEMPHASER

1

9205260000

**Ordering information for accessories:** temperature sensor and belt clip not included

**Digital multimeter**

- Can measure voltages up to 1000 V
- Resistance measurement and semiconductor test
- Capacitance measurement
- MAX/MIN memory
- HOLD function
- Battery status display
- Carry case included

**Multimeter 1037**

**Digital multimeter**



- Voltage measurement
- Current measurement
- Resistance measurement
- Non-contact voltage measurement is possible
- Extensive accessories



**Multimeter 2606**

**Digital clamp-on measuring device**



- Currents up to 1000 A with clamp-on attachment.
- Frequency measurement
- Voltage measurement
- Current measurement
- PEAK function



**Technical data**

DC voltage measuring range
Degree of accuracy, DC voltage
AC voltage measuring range
Degree of accuracy, AC voltage
Measured current value, max.
Opening width of current-measuring clamp-on attachment
Resistance measuring range
Measured capacitance value, min.
Frequency range, min.
Temperature measuring range
Operating temperature, min.
Approvals
Weight
<b>Note</b>

<b>MULTIMETER 1037</b>
0.2 - 1000 V
0.2 - 750 V
200 A
23 mm
200.0...200 kΩ
...200 μF
50...500 Hz
0...50 °C
EN / IEC 61010
258 g
<b>Note</b>

<b>MULTIMETER C 2606</b>
0.4 - 1000 V
± 0.5 %
0.4 - 1000 V
± 0.5 %
1000 A
57 mm
0.4...40 MΩ
40...4 μF
0.1...400 kHz
0...50 °C
EN / IEC 61010
540 g
<b>Note</b>

**Ordering data**

<b>Version</b>
<b>Note</b>

Type	Qty.	Order No.
MULTIMETER 1037	1	9423580000

Type	Qty.	Order No.
MULTIMETER C 2606	1	9427370000

**Accessories**

<b>Note</b>
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Type	Qty.	Order No.
ZUB MULTI 1037	1	9205460000
BATTERY 9V	1	9004810000

**Ordering information for accessories:** clamp-on attachment and carrying case not included

Type	Qty.	Order No.
ZUB TEMPHASER	1	9205270000
BATTERY 9V	1	9004810000

**Ordering information for accessories:** carrying case not included

**Accessories**

The accessories for our measuring instruments meet the same demanding standards for quality and safety as those used for our instruments.

**ZUB Temphaser**



Included in delivery	Qty.	Order No.
Test wire with test probe	2	
Test wire with alligator clip	1	
Alligator clip	2	
ZUB TEMPHASER		9205260000

**ZUB Multimeter 1037**



Test wire	2	
Short test probe	2	
Long test probe	2	
Test wire with alligator clip, thin	2	
Test wire with alligator clip, wide	2	
ZUB MULTI 1037		9205460000

**PS ZQV test adapter**



PS ZQV set: test wire with test probe	2	
PS ZQV: test probe	2	
PS_ZQV_SET		1116710000
PS_ZQV		1121740000

**ZUB Multimeter**



Test wire with test probe	2	
ZUB MULTIMETER		9205270000

**SKAI pouch**



Pouch for 2-pole voltage tester	1	
SKAI POUCH		9201520000

Cable tester

LAN USB

IE-CT



Technical data

Functionality
Error display play
External voltage
Testable cable length
Supply tery
Connection for core
Weight basic device
Dimensions basic device
Remote box weight
Remote box dimensions
Weight testbox
Dimensions testbox

Device for testing
Ethernet cables for:
line interruption
core interruption
short-circuits
examination of the twist
LED display
max. 1000 m
9 V battery (Art. Nr. - 9004810000)
RJ 45; USB TypA; USB TypB
174 g
65 x 135 x 27 mm
30 g
65 x 28 x 27 mm

Device for testing
Ethernet cables for:
interference voltage
line interruption
core interruption
short-circuits
crossed wires
examination of the twist
7-segment display
80 V AC / DC
max. 1000 m
9 V battery
RJ45
185 g
70 x 140 x 36 mm
31 g
30 x 68 x 23 mm

Ordering data

Type	Qty.	Order No.
LAN USB TESTER	1	9205400000

Note

Accessories

Note

Ordering data

Type	Qty.	Order No.
IE-CT	1	8808420000

Battery, accessories and bag included in delivery

Note

Ordering data

Type	Qty.	Order No.
IE-CT	1	8808420000

9 V battery included

Note





# Tool sets

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<b>Tool sets</b>	Introduction	H.2
	Tool cases	H.4
	Crimp sets and accessories	H.7
	Assortment boxes and cases	H.13
	Inserts	H.14

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# Weidmüller offers a comprehensive range of accessories

## Crimping sets

Workshops and companies prefer well-organised tool sets. This reduces searching and preparation times and thus saves hard cash. Weidmüller has recognised these important aspects and implements this in its product combinations. These product combinations stand out due to their high user benefit and functional features. Weidmüller crimping sets for cutting, stripping and crimping wire end ferrules provide you with practical works equipment for everyday use.

## H





Tool cases

Pro Case Premium



Pro Case Insta



Assembly

Description of article	Type	Qty.
Sheathing stripper for up to 25 mm outer diameter	AM 25	1
Cutting tool for up to 8 mm outer diameter	KT 8	1
Stripping tool for up to 10 mm <sup>2</sup>	STRIPAX	1
Crimping tool for wire end ferrules with/without plastic collar, 0.14 to 6 mm <sup>2</sup>	PZ 6 Roto	1
Assortment of wire end ferrules, 0.5 - 2.5 mm <sup>2</sup> , in DIN colour code	H-BOX 0,5-2,5QMM DIN	1
Sheathing stripper for UTP and STP data cables	AM 12	1
Voltage tester up to 690 V/ 100 Hz LCD	DIGI-CHECK 3.2	1
Voltage tester up to 690 V/ 100 Hz LED	COMBI CHECK 1.3	1
Toolbox, empty	Pro Case empty	1
Junction box sheathing stripper with individual core stripping unit and longitudinal cutter	STRIPPER ROUND TOP	1
VDE-insulated long-nose pliers with cutter, 160 mm long	FRZ S 160	1
VDE-insulated diagonal-cutting pliers, 180 mm long	SE HD 180	1
VDE-insulated combination pliers, 180 mm long	KBZ 180	1
VDE-insulated round-nose pliers with long jaws	RZ 160	1
Universal electrical cabinet key	CROSS-KEY UNIVERSAL	1
Combined screwing/cutting tool	SWIFTY SET	1
Set of offset screwdrivers with ball head	SK WSD-S 1,5-10,0	1
Slotted and crosshead PH screwdriver set	SDS 2,5-5,5/PH1/2	1
VDE-insulated Slotted and crosshead PH-SD screwdriver set	SDIS 2,5-5,5/PH1/2	1
Bit box, 9 pieces 1/4" E6.3	Bit-Box WI DMS 3	1
Allen key with ball head	SKS 2,0-8,0 MR	1
Interchangeable bit for slotted screws, size 0.5 x 3	WK S 0,5x3,0	1
Torque screwdriver, from 0.5-1.7 Nm	DMS MANUELL	1

Assembly

Description of article	Type	Qty.
Sheathing stripper for up to 25mm outer diameter	AM 25	1
Cutting tool for up to 8 mm outer diameter	KT 8	1
Stripping tool for up to 10 mm <sup>2</sup>	STRIPAX	1
Crimping tool for wire end ferrules with/without plastic collar, 0.14 to 6 mm <sup>2</sup>	PZ 6 Roto	1
Assortment of wire end ferrules, 0.5 - 2.5 mm <sup>2</sup> , in DIN colour code	H-BOX 0,5-2,5QMM DIN	1
Sheathing stripper for UTP and STP data cables	AM 12	1
Voltage tester up to 690 V/ 100 Hz LED	COMBI CHECK 1.3	1
Measuring tape	FLEXIMET 5 M	1
Toolbox, empty	Pro Case empty	1
Junction box sheathing stripper with individual core stripping unit and longitudinal cutter	STRIPPER ROUND TOP	1
VDE-insulated long-nose pliers with cutter, 160 mm long	FRZ S 160	1
VDE-insulated diagonal-cutting pliers, 180 mm long	SE HD 180	1
VDE-insulated combination pliers, 180 mm long	KBZ 180	1
Universal electrical cabinet key	CROSS-KEY UNIVERSAL	1
Set of offset screwdrivers with ball head	SK WSD-S 1,5-10,0	1
VDE-insulated Slotted and crosshead PH-SD screwdriver set	SDIS 2,5-5,5/PH1/2	1
Allen key with ball head	SKS 2,0-8,0 MR	1
ring spanner set	PACK HEXA 8-13 RED-L	1

Technical data

Length / Width / Height	48 / 17 / 40 cm
Weight	8500 g

Technical data

Length / Width / Height	48 / 17 / 40 cm
Weight	7680 g

Ordering data

Type	Qty.	Order No.
Pro Case Premium	1	9202460000
Pro Case, empty	1	9202470000

Ordering data

Type	Qty.	Order No.
Pro Case Insta	1	9203160000
Pro Case, empty	1	9202470000

## Pro Topcase Premium



## Assembly

Description of article	Type	Qty.
Sheathing stripper for up to 25mm outer diameter	AM 25	1
Cutting tool for up to 8 mm outer diameter	KT 8	1
Stripping tool for up to 10 mm <sup>2</sup>	STRIPAX	1
Crimping tool for wire end ferrules with/without plastic collar, 0.14 to 6 mm <sup>2</sup>	PZ 6 Roto	1
Assortment of wire end ferrules, 0.5 - 2.5 mm <sup>2</sup> , in DIN colour code	H-BOX 0,5-2,5QMM DIN	1
Sheathing stripper for UTP and STP data cables	AM 12	1
Voltage tester up to 690 V/ 100 Hz LCD	DIGI-CHECK 3.2	1
Voltage tester up to 690 V/ 100 Hz LED	COMBI CHECK 1.3	1
Junction box sheathing stripper with individual core stripping unit and longitudinal cutter	STRIPPER ROUND TOP	1
VDE-insulated long-nose pliers with cutter, 160 mm long	FRZ S 160	1
VDE-insulated diagonal-cutting pliers, 180 mm long	SE HD 180	1
VDE-insulated combination pliers, 180 mm long	KBZ 180	1
VDE-insulated round-nose pliers with long jaws	RZ 160	1
Universal electrical cabinet key	CROSS-KEY UNIVERSAL	1
Combined screwing/cutting tool	SWIFTY SET	1
Set of offset screwdrivers with ball head	SK WSD-S 1,5-10,0	1
Slotted and crosshead PH screwdriver set	SDS 2,5-5,5/PH1/2	1
VDE-insulated Slotted and crosshead PH-SD screwdriver set	SDIS 2,5-5,5/PH1/2	1
Bit box, 9 pieces 1/4" E6.3	Bit-Box WI DMS 3	1
Allen key with ball head	SKS 2,0-8,0 MR	1
Interchangeable bit for slotted screws, size 0.5 x 3	WK S 0,5x3,0	1
Torque screwdriver, from 0.5-1.7 Nm	DMS MANUELL 0,5-1,7	1
Tool case	PLASTIC CASE	1

## Technical data

Length / Width / Height	53 / 19 / 40 cm
Weight	9760 g

## Ordering data

Type	Qty.	Order No.
PRO TOPCASE PREMIUM	1	9204670000
PLASTIC CASE, EMPTY	1	9204580000

## Pro Topcase Insta



## Assembly

Description of article	Type	Qty.
Sheathing stripper for up to 25mm outer diameter	AM 25	1
Cutting tool for up to 8 mm outer diameter	KT 8	1
Stripping tool for up to 10 mm <sup>2</sup>	STRIPAX	1
Crimping tool for wire end ferrules with/without plastic collar, 0.14 to 6 mm <sup>2</sup>	PZ 6 Roto	1
Assortment of wire end ferrules, 0.5 - 2.5 mm <sup>2</sup> , in DIN colour code	H-BOX 0,5-2,5QMM DIN	1
Sheathing stripper for UTP and STP data cables	AM 12	1
Voltage tester up to 690 V/ 100 Hz LED	COMBI CHECK 1.3	1
Measuring tape	FLEXIMET 5 M	1
Junction box sheathing stripper with individual core stripping unit and longitudinal cutter	STRIPPER ROUND TOP	1
VDE-insulated long-nose pliers with cutter, 160 mm long	FRZ S 160	1
VDE-insulated diagonal-cutting pliers, 180 mm long	SE HD 180	1
VDE-insulated combination pliers, 180 mm long	KBZ 180	1
Universal electrical cabinet key	CROSS-KEY UNIVERSAL	1
Set of offset screwdrivers with ball head	SK WSD-S 1,5-10,0	1
VDE-insulated Slotted and crosshead PH-SD screwdriver set	SDIS 2,5-5,5/PH1/2	1
Allen key with ball head	SKS 2,0-8,0 MR	1
ring spanner set	PACK HEXA 8-13 RED-L	1
Tool case	PLASTIC CASE	1

## Technical data

Length / Width / Height	53 / 19 / 40 cm
Weight	8895 g

## Ordering data

Type	Qty.	Order No.
PRO TOPCASE INSTA	1	9204660000
PLASTIC CASE, EMPTY	1	9204580000

Tool cases

Service Case Insta



Assembly

Description of article	Type	Qty.
Sheathing stripper for up to 25mm outer diameter	AM 25	1
Cutting tool for up to 8-mm outer diameter	KT 8	1
Stripping tool for up to 10 mm <sup>2</sup>	STRIPAX	1
Crimping tool for wire end ferrules with/without plastic collar, 0.14 to 6 mm <sup>2</sup>	PZ 6 Roto	1
Assortment of wire end ferrules, 0.5 - 2.5 mm <sup>2</sup> , in DIN colour code	H-BOX 0,5-2,5QMM DIN	1
Sheathing stripper for UTP and STP data cables	AM 12	1
Voltage tester up to 690 V/ 100 Hz LCD	DIGI-CHECK 3.2	1
Measuring tape	FLEXIMET 5 M	1
Junction box sheathing stripper with individual core stripping unit and longitudinal cutter	STRIPPER ROUND TOP	1
VDE-insulated long-nose pliers with cutter, 160 mm long	FRZ S 160	1
VDE-insulated diagonal-cutting pliers, 180 mm long	SE HD 180	1
VDE-insulated combination pliers, 180 mm long	KBZ 180	1
Universal electrical cabinet key	CROSS-KEY UNIVERSAL	1
Set of offset screwdrivers with ball head	SK WSD-S 1,5-10,0	1
VDE-insulated Slotted and crosshead PH-SD screwdriver set	SDIS 2,5-5,5/PH1/2	1
Allen key with ball head	SKS 2,0-8,0 MR	1
ring spanner set	PACK HEXA 8-13 RED-L	1

Technical data

Length / Width / Height	48 / 24 / 46 cm
Weight	8895 g

Ordering data

Type	Qty.	Order No.
SERVICE CASE INSTA	1	9205540000
SERVICE CASE, EMPTY	1	9205480000

**Crimp-Set PZ 4**



Crimp set for cutting, stripping and crimping of wire-end ferrules up to 4.0 mm<sup>2</sup>, consisting of:

- Assortment box PSC 01 blank
- A8 insert (4 pcs.)
- A7 insert (2 pcs.)
- Stripax® stripping tool for PVC-insulated conductors from 0.08...10.0 mm<sup>2</sup>
- PZ 4 crimping tool for wire-end ferrules from 0.5...4.0 mm<sup>2</sup>
- Wire end ferrules with plastic collar

**H 0.5...H 4.0**

- Weidmüller colour code

**Crimp-Set PZ 3**



Crimp Set for cutting, stripping and crimping of wire-end ferrules up to 6.0 mm<sup>2</sup>, consisting of:

- Assortment box PSC 01 blank
- A8 insert (6 pcs.)
- A7 insert (1 pcs.)
- Stripax® stripping tool for PVC-insulated conductors from 0.08...10.0 mm<sup>2</sup>
- PZ 3 crimping tool for wire-end ferrules from 0.5...6.0 mm<sup>2</sup>
- Wire end ferrules with plastic collar

**H 0.5...H 6.0**

- Other colour code

**Crimp-Set PZ 6 roto**



Crimp Set for cutting, stripping and crimping of wire-end ferrules up to 6.0 mm<sup>2</sup>, consisting of:

- Assortment box PSC 01 blank
- A8 insert (6 pcs.)
- A7 insert (1 pcs.)
- Stripax® stripping tool for PVC-insulated conductors from 0.08...10.0 mm<sup>2</sup>
- PZ 6 Roto crimping tool for wire-end ferrules from 0.14...6.0 mm<sup>2</sup>
- Wire end ferrules with plastic collar

**H 0.5...H 6.0**

- Other colour code

**Assembly**

Type		Piece
PZ 4	Crimping tool	1
stripax®	Stripping tool	1
H0,5/14	Connector	500
H0,75/14	Connector	500
H1,0/14	Connector	1000
H1,5/14	Connector	1000
H2,5/14	Connector	250
H4,0/17	Connector	250

**Assembly**

Type		Piece
PZ 3	Crimping tool	1
stripax®	Stripping tool	1
H0,5/14	Connector	500
H0,75/14	Connector	500
H1,0/14	Connector	500
H1,5/14	Connector	500
H2,5/14	Connector	500
H4,0/17	Connector	250
H6,0/26	Connector	250

**Assembly**

Type		Piece
PZ 6 roto	Crimping tool	1
stripax®	Stripping tool	1
H0,5/14	Connector	500
H0,75/14	Connector	500
H1,0/14	Connector	500
H1,5/14	Connector	500
H2,5/14	Connector	500
H4,0/17	Connector	250
H6,0/20	Connector	250

**Technical data**

Length / Width / Height	261 / 338 / 57 mm
Weight	1780 g

**Technical data**

Length / Width / Height	261 / 338 / 57 mm
Weight	1743 g

**Technical data**

Length / Width / Height	261 / 338 / 57 mm
Weight	1760 g

**Ordering data**

Colour code	Type	Order No.
Weidmüller	CRIMP-SET PZ 4	9025800000
DIN	CRIMP-SET PZ 4 D	9028630000
Miscellaneous	CRIMP-SET PZ 4 T	9028640000

**Ordering data**

Colour code	Type	Order No.
Weidmüller	CRIMP-SET PZ 3	9028650000
DIN	CRIMP-SET PZ 3 D	9028660000
Miscellaneous	CRIMP-SET PZ 3 T	9028670000

**Ordering data**

Colour code	Type	Order No.
Weidmüller	CRIMP-SET PZ 6 ROTO	9028680000
DIN	CRIMP-SET PZ 6 ROTO D	9028690000
Miscellaneous	CRIMP-SET PZ 6 ROTO T	9028700000



Crimp sets and accessories

Crimp-Set PZ 6 HEX



Crimp Set for cutting, stripping and crimping of wire-end ferrules up to 6.0 mm<sup>2</sup>, consisting of:

- Assortment box PSC 01 blank
- A8 insert (6 pcs.)
- A7 insert (1 pcs.)
- Stripax® stripping tool for PVC-insulated conductors from 0.08...10.0 mm<sup>2</sup>
- PZ 6 HEX crimping tool for wire-end ferrules from 0.14...6.0 mm<sup>2</sup>
- Wire end ferrules with plastic collar

H 0.5...H 6.0

- Weidmüller colour code

Crimp-Set PZ 6/5



Crimp Set for cutting, stripping and crimping of wire-end ferrules up to 6.0 mm<sup>2</sup>, consisting of:

- Assortment box PSC 01 blank
- A8 insert (6 pcs.)
- A7 insert (1 pcs.)
- Stripax® stripping tool for PVC-insulated conductors from 0.08...10.0 mm<sup>2</sup>
- PZ 6/5 crimping tool for wire-end ferrules from 0.25...6.0 mm<sup>2</sup>
- Wire end ferrules with plastic collar

H 0.5...H 6.0

- Weidmüller colour code

Crimp-Set stripax plus



Crimp set for cutting, stripping and crimping of reel-packaged wire-end ferrules up to 2.5 mm<sup>2</sup>, consisting of:

- PSC 01 assortment box, clear with foam insert
- Stripax® Plus combi-tool for processing Weidmüller linked wire-end ferrules on strip from 0.5...2.5 mm<sup>2</sup>
- Wire end ferrules with plastic collar

H 0.5...H 2.5

- Other colour code

H

Assembly

Type		Piece
PZ 6 HEX	Crimping tool	1
stripax®	Stripping tool	1
H0,5/14	Connector	500
H0,75/14	Connector	500
H1,0/14	Connector	500
H1,5/14	Connector	500
H2,5/14	Connector	500
H4,0/17	Connector	250
H6,0/20	Connector	250

Technical data

Length / Width / Height	261 / 338 / 57 mm
Weight	1695 g

Ordering data

Colour code	Type	Order No.
Weidmüller	CRIMP-SET PZ 6 HEX	9028710000
DIN	CRIMP-SET PZ 6 HEX D	9028720000
Miscellaneous	CRIMP-SET PZ 6 HEX T	9028730000

Assembly

Type		Piece
PZ 6/5	Crimping tool	1
stripax®	Stripping tool	1
H0,5/14	Connector	500
H0,75/14	Connector	500
H1,0/14	Connector	500
H1,5/14	Connector	500
H2,5/14	Connector	500
H4,0/17	Connector	250
H6,0/20	Connector	250

Technical data

Length / Width / Height	261 / 338 / 57 mm
Weight	1761 g

Ordering data

Colour code	Type	Order No.
Weidmüller	CRIMP-SET PZ 6/5	9028740000
DIN	CRIMP-SET PZ 6/5 D	9028750000
Miscellaneous	CRIMP-SET PZ 6/5 T	9028760000

Assembly

Type		Piece
stripax® plus 2.5	Crimping tool	1
H0,5/14 BD	Connector	500
H0,75/14 BD	Connector	500
H1,0/14 BD	Connector	500
H1,5/14 BD	Connector	500
H2,5/14 BD	Connector	500

Technical data

Length / Width / Height	261 / 338 / 57 mm
Weight	1110 g

Ordering data

Colour code	Type	Order No.
Weidmüller	CRIMP-SET STRIPAX PLUS	9028770000
DIN	CRIMP-SET STRIPAX PLUS D	9028780000
Miscellaneous	CRIMP-SET STRIPAX PLUS T	9028790000

**Crimp-Set PZ 16**



Crimp Set for cutting, stripping and crimping of wire -end ferrules up to 16.0 mm<sup>2</sup>, consisting of:

- Assortment box PSC 01 blank
- A8 insert (4 pcs.)
- A7 insert (2 pcs.)
- Stripax® 16 stripping tool for PVC-insulated conductors from 6.0...16.0 mm<sup>2</sup>
- Crimping tool PZ 16 for wire-end ferrules from 6.0...16.0 mm<sup>2</sup>
- Wire end ferrules with plastic collar

**H 6.0...H 16.0**

- Weidmüller colour code

**Crimp-Set PZ ZH 16**



Crimp set for cutting, stripping and crimping of twin wire-end ferrules up to 16.0 mm<sup>2</sup>, consisting of:

- Assortment box PSC 01 blank
- A7 inserts (4 pieces)
- Stripax® 16 stripping tool for PVC-insulated conductors from 6.0...16.0 mm<sup>2</sup>
- PZ ZH 16 crimping tool for twin wire-end ferrules from 6.0...16.0 mm<sup>2</sup>
- Wire end ferrules with plastic collar

**H 6.0...H 16.0**

- Weidmüller colour code

**Crimp-Set PZ 50**



Crimp-set for stripping and crimping of wire-end ferrules up to 50.0 mm<sup>2</sup>, consisting of:

- Assortment box PSC 01 blank
- A7 inserts (4 pieces)
- Foam insert for tools
- AM 25 sheathing stripper for PVC round cable from 6.0...25.0 mm<sup>2</sup>
- PZ 50 crimping tool for wire-end ferrules of size 25, 35 and 50.0 mm<sup>2</sup>
- Wire end ferrules with plastic collar

**H 25.0...H 50.0**

- DIN colour code

**Assembly**

Type		Piece
PZ 16	Crimping tool	1
stripax®	Stripping tool	1
H6,0/20	Connector	200
H10,0/22	Connector	200
H16,0/24	Connector	100
H16,0/28	Connector	200

**Technical data**

Length / Width / Height	261 / 338 / 57 mm
Weight	1725 g

**Ordering data**

Colour code	Type	Order No.
Weidmüller	CRIMP-SET PZ 16	9025850000
DIN	CRIMP-SET PZ 16 D	9028800000
Miscellaneous	CRIMP-SET PZ 16 T	9028810000

**Assembly**

Type		Piece
PZ ZH 16	Crimping tool	1
stripax®	Stripping tool	1
H6,0/25	Connector	100
H6,0/29	Connector	100
H10,0/26	Connector	100
H16,0/29	Connector	50

**Technical data**

Length / Width / Height	261 / 338 / 57 mm
Weight	1812 g

**Ordering data**

Colour code	Type	Order No.
Weidmüller	CRIMP-SET PZ ZH 16	9028820000
DIN	CRIMP-SET PZ ZH 16 D	9028830000
Miscellaneous	CRIMP-SET PZ ZH 16 T	9028840000

**Assembly**

Type		Piece
PZ 50	Crimping tool	1
AM 25	Stripping tool	1
H25,0/30	Connector	50
H25,0/36	Connector	50
H35,0/30	Connector	50
H50,0/36	Connector	25

**Technical data**

Length / Width / Height	261 / 338 / 57 mm
Weight	1800 g

**Ordering data**

Colour code	Type	Order No.
Weidmüller	CRIMP-SET PZ 50	9028850000
DIN	CRIMP-SET PZ 50 D	9028870000
Miscellaneous	CRIMP-SET PZ 50 T	9028880000