

Tools

Catalogue 2013

Connectivity and Electrical Installation

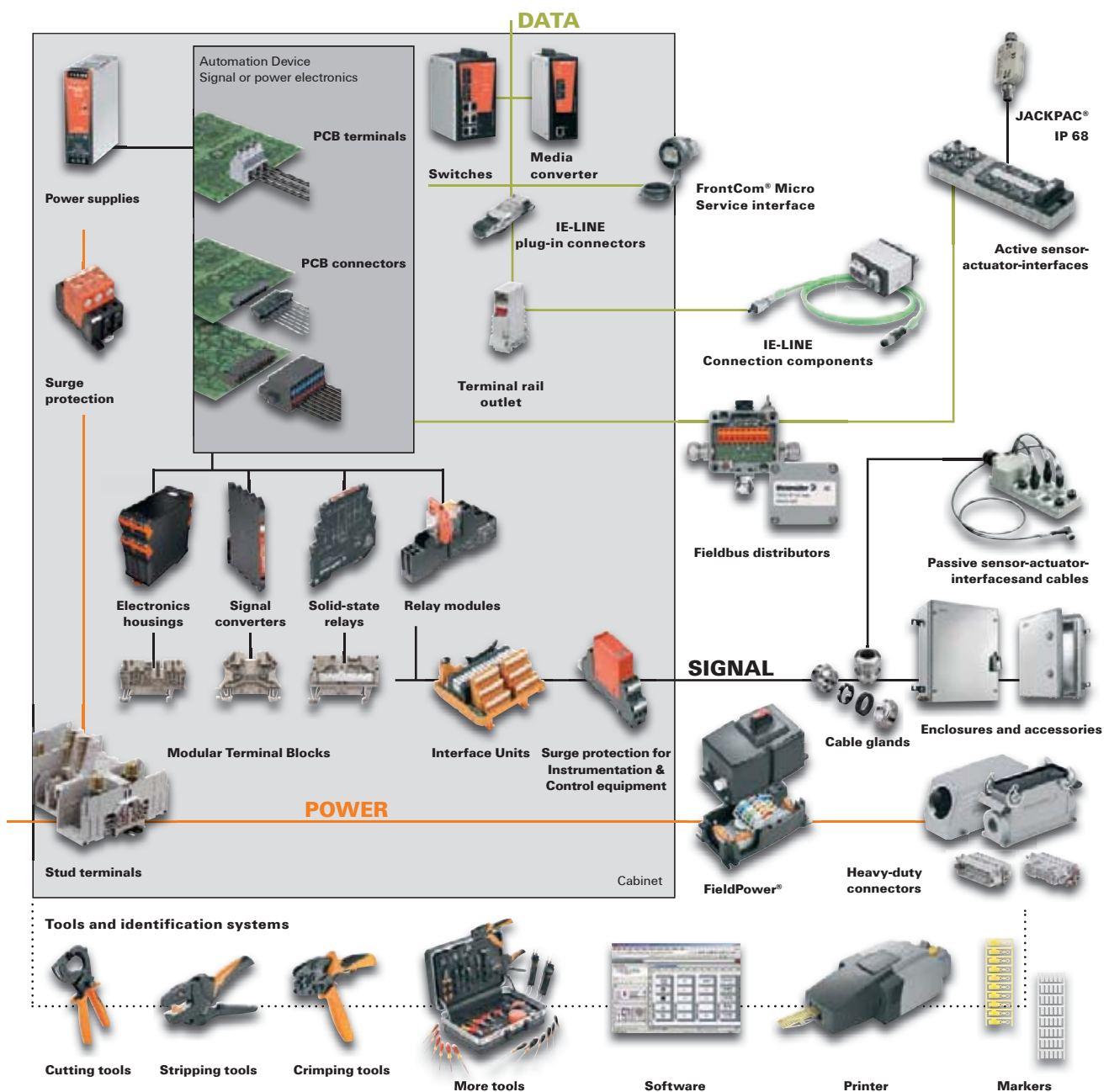


Weidmüller 

«ЭЛЕКТРО-ПРОФИ» - <http://www.ep.ru>

The World of Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. Immerse yourself in our world of Industrial Connectivity. Let's connect.



Tools

Catalogue 6

Tools

Certification

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Stripping

Crimping

Pliers

Screw drivers

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Photovoltaics / POF

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Professional tools for installation work

Specialised and practical

Weidmüller has been developing and manufacturing quality tools for the many diverse, extensive and highly demanding uses in industry for over 30 years. Our single goal when developing new solutions is simply to make your work easier, to facilitate efficient work process and to help facilitate increased productivity now and in the long-term.

Stripping tool

You can achieve precise stripping results ranging from 0.08 to 10 mm² with the stripax® self-adjusting stripping tool. The perfect addition: stripax® 16, 6 to 16 mm², with a blade shape developed specifically for the task in hand.



Bitte Korrekturen prüfen. War nicht eindeutig angegeben.

Sheath stripper

The AM 16 sheathing stripper allows you to remove a section of sheathing in the middle of a cable, in order to generate equipotential bonding for achieving electromagnetic compatibility with a clamping yoke.



Cutting tool

The KT 45 R has a lot going for it: an extremely narrow grip width, energy-efficient operation, cuts up to 400 mm² and an easy release option even under load.



Crimping tool

The rotating die of the PZ 6 roto means that wire end ferrules can be inserted from the front or the side. Highest processing quality is guaranteed with a single die of 0.14 to 6 mm².



Cutting tool

The specially designed cutters on our KT tools result in smooth and straight cuts every time, without deforming the conductor.



Torque screwdriver

With this tool, you will always be within the correct torque range. It guarantees safe and gas-tight connections, prevents the screw clamps from being mechanically damaged, and results in a voltage drop well below the stipulated limits.



Certification

Certification	Tool Certification to DIN ISO 9001	A.2
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Introduction

Precision tools by Weidmüller are in use all over the world. This is a responsibility Weidmüller takes seriously, offering comprehensive services to support this global use.

Tools in daily use should always guarantee consistent processing quality even after many working cycles. This is why Weidmüller offers its customers the "Tool Certification" service. This technical testing procedure is Weidmüller's warranty for the functionality and quality of its tools.

The following pages provide a summary of our current range of services.

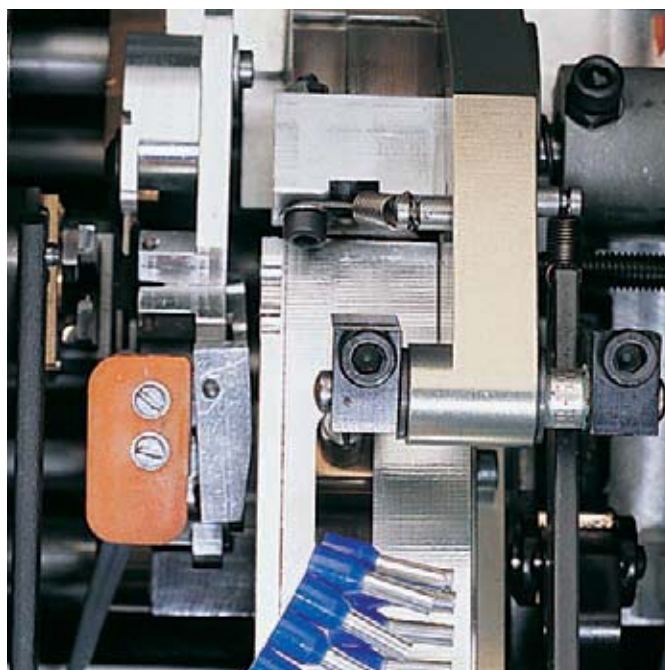
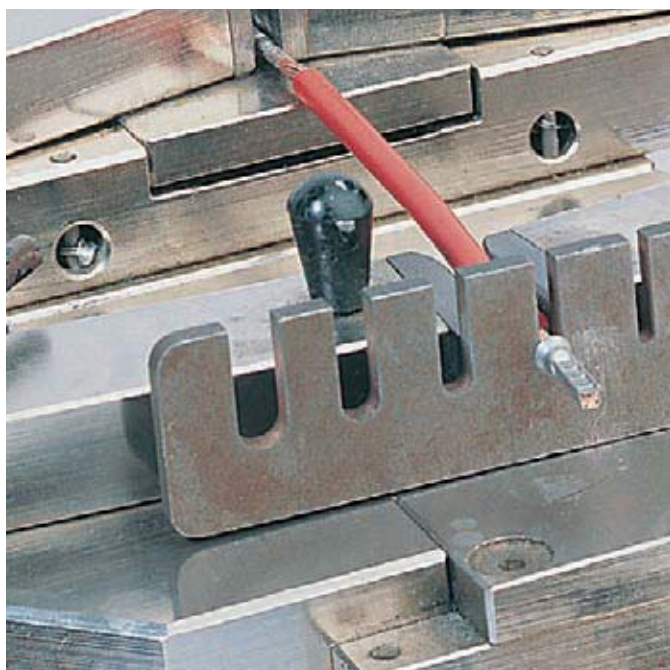


Regular quality checks of Weidmüller processing tools and the assemblies made with them guarantee optimum safety. In order to keep it that way and to prevent possible machine stoppages during production, regular maintenance and precise tool calibration is simply indispensable.

In order to receive a certified tool, customers have the option of either returning an existing Weidmüller tool for re-certification, or of purchasing a certified Weidmüller tool on submitting a new order.

Certification includes:

- Conductor extraction force testing according to relevant DIN regulations
- Issue of a test certificate with corresponding identification number and allocated customer number
- Recommendation for the next certification date; special testing intervals available on request



Weidmüller guarantees the functionality of its tools – in written form – with a comprehensive test certificate and a test label.

Furthermore, Weidmüller issues a laser-inscribed identification number to each tool leaving the factory; and on request, the tool is also supplied with the documentation for the customer's own DIN ISO 9001 quality control procedures.



Prüfzeugnis Nr. 405706 Test report No.		Weidmüller Weidmüller Interface GmbH & Co. KG Klingerbergstr. 16 32768 Detmold ☎ 05231 / 14-0 Fax: 05231 / 14-1313		
Kunde: Customer:	Fa. Mustermann Musterstraße 3 12345 Musterstadt	Kunden-Nummer Customer No.:	12345	
Artikel-Bez.: Description	MTR 110 Zert.	Eingangsdatum: Date of delivery	24.11.2011	
Bestell-Nr.: Part-no.	9017490000	Auftrag/Retour Nr. Order No.:	12345678	
Fert.-Datum: Production Date:	4 Quartal 2005	Exz.-Stell. Excentric Pos.	Keine	
		Empfohlene nächste Kalibrierung: 12/2012 Recommended next calibration:		
Funktionsprüfung i.O. Functional check passed:		Ja Yes	X Nein No	
Verwendete Meßmittel / Test Equipment Zug-Druck-Prüfmaschine/ Pull-Pressure Unit: Erichsen Unimat Plus 054 – 20 K		Nächste Kalibrierung/ calibration until 10/2012		
Lfd.-Nr. No.	Art der Prüfung of test	Kl. Vorgabe / Norm Specifications/Standards	Sollwert [N] Reference Value [N]	Istwert [N] Actual Value [N]
1	Ausziehkraftprüfung H07V-K 10 mm² Pull Out Force Test Einsatzpaar 10/70 9018400000	DIN EN 61238 Fa. Mustermann	≥ 600	1884
2	Ausziehkraftprüfung H07V-K 120 mm² Pull Out Force Test Einsatzpaar 120 9018440000	DIN EN 61238	≥ 7200	> 10000
3				
4				
5				
Prüfsiegel angebracht. Test-Seal attached.		Ja Yes	X Nein No	
Bemerkungen / Remarks: Crimpwerkzeug für nicht isolierte Kabelschuhe 6 ... 120 mm². Kabelschuh gleichmäßig und ohne Beschädigung verpresst. Crimping Tool for uninsulated cable lugs 6 ... 120 mm²; cable lugs are crimped constant without any defects.				
Dieses Dokument wurde maschinell erstellt und ist auch ohne Unterschrift gültig. This document was generated by machine and is also valid without signature.				
Das Werkzeug entspricht der oben genannten Norm. The tool confirmed to the norm.		Ja Yes	X Nein No	
Datum: Date:	23.01.2012	Prüfer: Tested by:	H. Hänsgen	

It takes a manufacturer who knows his clients' work to develop just the right tools for the job.



Testing the endurance of stripax® in the Weidmüller laboratory

Our professional tools are the result of an intensive development process, in direct response to customer feedback on the demands made of them in practice. Because, as a manufacturer, we believe that the right tools can only be developed for you if we are familiar with your business, understand your work processes and unrelentingly endeavour to help make them as effective as possible. In addition, a long tool lifespan and application-based functionality are just as important to us in our work as creating the perfect working conditions. A good tool has to fit snugly in your hand, which is why we attribute such importance to achieving the best possible ergonomics, optimally distributing a tool's weight and making it easy to use. This protects you and boosts your efficiency.



Ultra modern manufacture of precision parts

Tested quality in all areas

We make sure that the quality of our tools is consistently maintained by subjecting them to rigorous tests in our own laboratory. This quality control process also incorporates the contacts and conductors that are worked on with our tools, and these undergo thorough testing together with our terminals.

Whether it's a test of insertability into the rated clamping space, a bending test or a test of the pull-out forces, the complex, cross-linked testing procedures give you the peace of mind that both products and tools will work together in harmony.

This means you can benefit from having precision tools that deliver unfailing functionality and excellent manageability. This in turn helps enable you to optimise your work processes and increase your productivity.

Products are invariably only as good as the tools with which they are processed. Which is why everything goes hand in hand at Weidmüller.

We have just the right tools for all your needs, covering everything from terminal mounting to the installation of sensitive electronic components.

We aim to simplify your work and help boost your profitability.

Cutting

Cutting	Introduction	B.2
	Cutting tools	B.4
	Front cable cutter	B.6
	Cable cutter	B.7
	Cutting and releasing tools	B.9
	Mounting rail cutter	B.11
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	Electrician's knife / Electrician's scissors	B.16

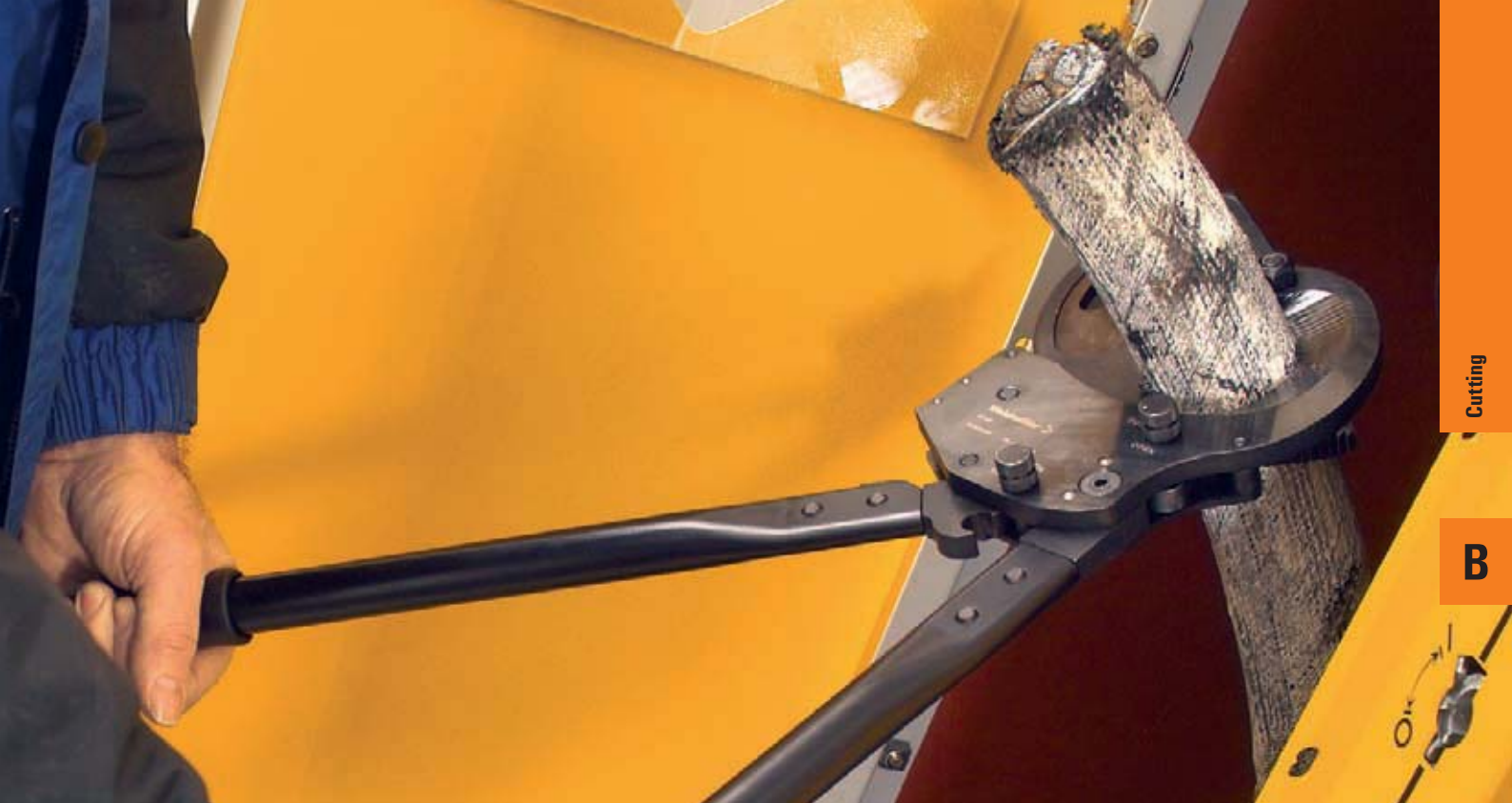
Cutting

B

A large number of cables and conductors in many different types and designs are used to connect electrical and electronic components. The cables and wires must be accurately prepared for the various types of connection. The quality of the cutting process is therefore of critical importance. Mechanical efficiency together with the special cutting pattern reduces the manual force required to a minimum.

Weidmüller is a specialist in the provision of tools for cutting copper or aluminium cables. Our product ranges include cutting tools for small cross-sections (with direct transmission of force) to cutting tools for large diameters. Indeed, our wide range of cutting tools fulfils all the criteria for cable preparation; easy to use and giving a smooth, straight cut, without deforming the conductor.





At Weidmüller the term “cutting” refers to the severing of cables, wires and conductors of copper or aluminium with an appropriate tool for the application.

The requirement for all cutting tools is to perform a smooth, straight cut without deforming the conductor.

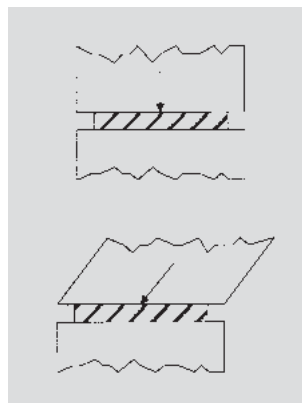
According to **DIN 8588**, experts differentiate between shear cutting, wedge-action cutting, tearing and breaking. Shear cutting is employed particularly in the cutting of cables, wires and conductors. Cutting tools with cross blades should perform an oblique cut and operate without play.

The essential quality characteristics for professional cutting tools are a cutting edge shape which is suited to, and optimised for, the corresponding application, so that the manual forces required for cutting remain low. This allows single-handed operation. Tools by Weidmüller comply with all requirements imposed on professional cutting tools.

Movement of the blades

We differentiate between two basic cutting processes:

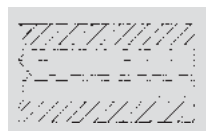
- Push cut
- Draw cut



In **push cut**, the cutting movement is perpendicular between tool and workpiece.

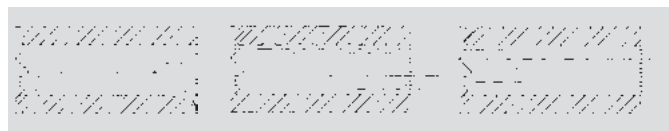
In **draw cut**, the cutting movement is oblique to the tool.

Clean cut



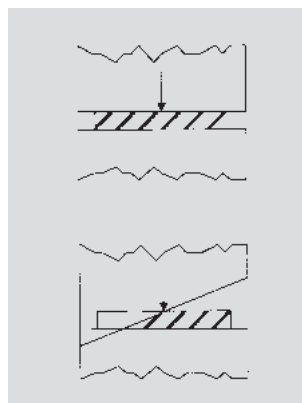
Insulation
Conductor

An “**unclean**” cut may have the following appearance:



Conductor sheared off Conductor pulled out Squeezed cable

Position of the blades



In **position 1** the blades act directly and over the whole length, i.e. considerable force is required.

In **position 2**, the blades cross as in a pair of scissors, the cut is therefore “offset” and requires less force.

Cutting tools

Cutting tools

- Cutting formation for different cable sizes increases the quality of the cuts for smaller cross-sections
- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!
- Cutting without deformation of the conductor

KT 8



KT 12



-  max. 8 mm
-  max. 16 mm²
-  max. 16 mm²
-  max. 16 mm²

-  max. 12 mm
-  max. 16 mm²
-  max. 25 mm²
-  max. 35 mm²

Technical data

Max. cutting performance, copper cable	
Copper cable - solid, max.	mm ² /-
Copper cable - stranded, max.	mm ² /-
Copper cable - flexible, max.	mm ² /-
Copper cable, max. diameter	mm
Max. cutting performance, aluminium cable	
Stranded aluminium cable, max (mm ²)	mm ² /-
Stranded aluminium cable, max. diameter	mm
Single-core aluminium cable, max.(mm ²)	mm ²
Data / telephone / control cable	
Data / telephone / control cable, max. Ø	mm
Tool data	
Length / Width / Height	mm
Weight	g
Note	

Ordering data

Version
Note

KT8		
	16 / 6	
	16 / 6	
	16 / 6	
	8	
	16 / 6	
	8	
	16	
	8	
	165 / 65 / 25	
	180	
	Tool closed	

Type	Qty.	Order No.
KT 8	1	9002650000

KT12		
	16 / 6	
	25 / 3	
	35 / 2	
	12	
	25 / 6	
	8	
	25	
	12	
	215 / 66 / 28	
	300	
	Tool closed	

Type	Qty.	Order No.
KT 12	1	9002660000

Cutting tools

- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!
- Cutting without deformation of the conductor

KT 14



-  max. 14 mm
-  max. 16 mm²
-  max. 35 mm²
-  max. 70 mm²

KT 22



-  max. 22 mm
-  max. 25 mm²
-  max. 50 mm²
-  max. 95 mm²

Technical data

Max. cutting performance, copper cable	
Copper cable - solid, max.	mm ² /-
Copper cable - stranded, max.	mm ² /-
Copper cable - flexible, max.	mm ² /-
Copper cable, max. diameter	mm
Max. cutting performance, aluminium cable	
Stranded aluminium cable, max (mm ²)	mm ² /-
Stranded aluminium cable, max. diameter	mm
Single-core aluminium cable, max.(mm ²)	mm ²
Data / telephone / control cable	
Data / telephone / control cable, max. Ø	mm
Tool data	
Length / Width / Height	mm
Weight	g
Note	

16 / 6
35 / 2
70 / 2/0
14
70 / 2/0
14
35
14
215 / 66 / 28
320
Tool closed

25 / 3
50 / 1
95 / 3/0
22
70 / 2/0
22
50
22
210 / 66 / 30
460
Tool closed

Ordering data

Version
Note

Type	Qty.	Order No.
KT 14	1	1157820000
Single-core aluminium cable corresponds to single-wire sector cable		

Type	Qty.	Order No.
KT 22	1	1157830000

Front cable cutter

Front cable cutter

- Can be used in confined spaces wherever cables need to be divided
- Easy handling
- Minimal hand force required
- Release option in every cutting position
- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!

KTF 25



-  Cu + Al: max. 25 mm
-  Cu: max. 120 mm²
Al: max. 150 mm²
-  Cu: max. 120 mm²

KTF 36



-  Cu + Al: max. 35 mm
-  Cu: max. 300 mm²
Al: max. 300 mm²
-  Cu: max. 300 mm²

Technical data

Max. cutting performance, copper cable	
Copper cable - stranded, max.	mm ² /kcmil
Copper cable - flexible, max.	mm ² /kcmil
Copper cable, max. diameter	mm
Copper sector cable	
Max. cutting performance, aluminium cable	
Stranded aluminium cable, max (mm ²)	mm ² /kcmil
Stranded aluminium cable, max. diameter	mm
Aluminium sector cable	
Data / telephone / control cable	
Data / telephone / control cable, max. Ø	mm
Tool data	
Length / Width / Height	mm
Weight	g
Note	

KTF 25		
	120 / 250	
	120 / 250	
	25	
	150 / 300	
	25	
	25	
	245 / 80 / 40	
	900	
	Tool closed	

KTF 36		
	300 / 600	
	300 / 600	
	35	
	300 / 600	
	35	
	35	
	330 / 100 / 49	
	1,400	
	Tool closed	

Ordering data

Version
Note

Type	Qty.	Order No.
KTF 25	1	9002180000

Type	Qty.	Order No.
KTF 36	1	9002190000

Cable cutter

- One-hand operation
- Easy handling
- Minimal hand force required
- Release option in every cutting position
- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!

KT 45 R



KT 55



- Cu + Al: max. 45 mm
- Cu: max. 300 mm²
Al: max. 400 mm²
- Cu: max. 400 mm²



- Cu + Al: max. 55 mm
- Cu: max. 500 mm²
Al: max. 500 mm²
- Cu: max. 500 mm²



Technical data

Max. cutting performance, copper cable	
Copper cable - stranded, max.	mm ² /kcmil
Copper cable - flexible, max.	mm ² /kcmil
Copper cable, max. diameter	mm
Copper sector cable	
Max. cutting performance, aluminium cable	
Stranded aluminium cable, max (mm ²)	mm ² /kcmil
Stranded aluminium cable, max. diameter	mm
Aluminium sector cable	
Data / telephone / control cable	
Data / telephone / control cable, max. Ø	mm
Tool data	
Length / Width / Height	mm
Weight	g
Note	

KT 45 R		
300 / 600		
400 / 800		
45		
3 x 70 SM		
400 / 800		
45		
4 x 70 SE		
45		
290 / 85 / 40		
740		

KT 55		
500 / 1,000		
500 / 1,000		
55		
3 x 150 SM		
500 / 1,000		
55		
4 x 150 SE		
55		
365 / 115 / 45		
1,450		

Ordering data

Version	
Note	
Accessories	
Note	

Type	Qty.	Order No.
KT 45 R	1	9202040000
The dimensions of the cable cutter refer to the delivery condition, i.e. the point of the hinged blade parallel to the fixed blade.		
Type	Qty.	Order No.
ERME KT 45 R	1	9204270000

Type	Qty.	Order No.
KT 55	1	9202060000
The dimensions of the cable cutter refer to the delivery condition, i.e. the point of the hinged blade parallel to the fixed blade.		
Type	Qty.	Order No.
ERME KT 55	1	9204280000

Cable cutter

Cable cutter

- Easy handling
- Minimal hand force required
- Release option in every cutting position
- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!

KT 80



⊘ Cu + Al: max. 80 mm

⊘ Cu: max. 630 mm²
Al: max. 1.000 mm²

⊘ Cu: max. 630 mm²



Technical data

Max. cutting performance, copper cable	
Copper cable - stranded, max.	mm ² /kcmil
Copper cable - flexible, max.	mm ² /kcmil
Copper cable, max. diameter	mm
Copper sector cable	
Max. cutting performance, aluminium cable	
Stranded aluminium cable, max (mm ²)	mm ² /kcmil
Stranded aluminium cable, max. diameter	mm
Aluminium sector cable	
Data / telephone / control cable	
Data / telephone / control cable, max. Ø	mm
Tool data	
Length / Width / Height	mm
Weight	g
Note	

Ordering data

Version
Note
Accessories
Note

KT 80		
	630 / 1,260	
	630 / 1,260	
	80	
	3 x 240 SM	
	1,000 / 2,000	
	4 x 240 SE	
	80	
	675 / 175 / 55	
	3,240	

Type	Qty.	Order No.
KT 80	1	9202080000
The dimensions of the cable cutter refer to the delivery condition, i.e. the point of the hinged blade parallel to the fixed blade.		

Type	Qty.	Order No.
ERME KT 80	1	9204290000

Cutting and releasing tool

Special release tool for the Weidmüller W-Series terminal connectors.

WAW 1

Notching tool



Tool for releasing poles from WQV 2.5 to WQV 35 cross connections used in Weidmüller W-Series terminal connectors.

WAW 2

Notching tool



Tool for punching out the cross-connection windows of the Weidmüller W-Series terminal connectors
WTR 2.5 disconnect terminal
WSI 6 fuse terminal



Technical data

Length	mm
Weight	g
Note	

Ordering data

Version
Note

WAW 1		
	167	
	227	

Type	Qty.	Order No.
WAW 1 NEUTRAL	1	9004500000
Note		

WAW 2		
	205	
	338	

Type	Qty.	Order No.
WAW 2	1	9004510000
Note		

Cutting and releasing tools

Cutting and releasing tools

Special cutting tool for clean pinch-free cutting of Weidmüller Z-Series cross-connections

KT ZQV

Cutting tool



Cutting tool for clean cutting of Weidmüller Z-Series cross-connections



Technical data

Length	mm
Weight	g
Note	

Ordering data

Version

Note

KT ZQV

Length	215
Weight	300

Type	Qty.	Order No.
KT ZQV	1	9002170000
A large selection of cross-connectors can be found in our current Modular Terminals Catalogue.		

VKSW

Wire channel cutter



Manually-operated wire channel cutter for cutting wire channels and covers up to a width of 125 mm.

- Cutting with no burrs or waste
- Longitudinal stop (1,000 mm) with guide for precision angling
- Table-top unit for mounting on workbench or similar workplaces
- Hardened cutting edges made from special steel.

VKSW		
Length	280	
Weight	15,000	

Type	Qty.	Order No.
VKSW	1	1137530000
ERME VKSW	1	1251270000

TSLD

TSLD

Terminal rail cutting and punching tool



Hand-operated mounting rail cutter for cutting and perforating DIN mounting rails

- Cutting with no burrs or waste
- Length end stop (1,000 mm) is included in delivery
- Table-top unit for mounting on workbench or similar workplaces

Note on TSLD C:

G profile is replaced by C profile.
C profile is individually adapted according to pattern.



Copper earthing bar



TS 32 mm according to EN 50035 (s = 1.5 mm)



TS 15/5.5 mm according to EN 50045 (s = 1.0 mm)



TS 35/7.5 mm according to EN 50022 (s = 1.0 mm)



TS 35/15 mm according to EN 50022 (s = 1.5 mm)

Technical data

Width	mm
Length	mm
Height	mm
Weight	g
Note	

TSLD 5	
Width	205
Length	270
Height	200
Weight	19,000
Technical data without lever and length end stop	

Ordering data

Version
Note

Type	Qty.	Order No.
TSLD 5	1	9918700000
TSLD C	1	1270310000
A large selection of mounting rails can be found in our current Terminal Connectors Catalogue.		

Mounting rail cutter

TSD 35

TSD 35

Mounting rail cutter



TS 35/7.5 mm according to EN 50022 (s = 1.0 mm)



TS 35/15 mm according to EN 50022 (s = 1.5 mm)

Hand-operated mounting rail cutter for cutting DIN mounting rails

- Cutting with no burrs or waste
- Length end stop is included in delivery
- Table-top unit for mounting on workbench or similar workplaces

Technical data

Width	mm
Length	mm
Height	mm
Weight	g
Note	

TSD 35		
Width	mm	205
Length	mm	270
Height	mm	200
Weight	g	16,000
Technical data without lever and length end stop		

Ordering data

Version
Note

Type	Qty.	Order No.
TSD 35	1	1318510000
A large selection of mounting rails can be found in our current Terminal Connectors Catalogue.		

Hydraulic hole puncher

The IP protection classes for housings, cable glands, heavy-duty connectors and Industrial Ethernet connectors can only be maintained under two conditions: the sheet metal must not be bent during the punching process and the size of the punched-out holes must correspond precisely with the specifications. The IE-KO-HAT hydraulic sheet metal hole puncher, together with its accessories, guarantees you the highest quality workmanship available. It ensures that the connector fits precisely with the punched-out holes so that you can fulfill the proper IP protection class requirements.



The hydraulic hole puncher punches out precise holes for accommodating metric and PG cable glands.



Automatic centre punching at the drill points when punching out holes for heavy-duty connectors.



Punching out holes for a variety of industrial Ethernet connectors.

The table below lists the round splitting stamps and their corresponding tension screws – for manual use and for use with the hydraulic screws

Type	Descriptions	Dimension	Order No.	Tension screw Ø x l in mm	Order No.	Hydraulic screw (tension bolt) Ø in mm	Order No.
KOS M 16	Round splitting stamp for M16 cable glands	Ø 16,2 mm	9204880000	9,5 x 50	9205030000	19 x 9,5	9205000000
KOS M 20	Round splitting stamp for M20 cable glands	Ø 20,4 mm	9204950000	9,5 x 50	9205030000	19 x 9,5	9205000000
KOS M 25	Round splitting stamp for M25 cable glands	Ø 25,4 mm	9204900000	9,5 x 50	9205030000	19 x 9,5	9205000000
KOS M 32	Round splitting stamp for M32 cable glands	Ø 32,5 mm	9204910000	19,0 x 55	9205040000	19	9205010000
KOS M 40	Round splitting stamp for M40 cable glands	Ø 40,5 mm	9204920000	19,0 x 75	9204780000	19	9205010000
KOS PG 9	Round splitting stamp for PG9 cable glands	Ø 15,2 mm	9204930000	9,5 x 50	9205030000	19 x 9,5	9205000000
KOS PG 11	Round splitting stamp for PG11 cable glands	Ø 18,6 mm	9204940000	9,5 x 50	9205030000	19 x 9,5	9205000000
KOS PG 13	Round splitting stamp for PG13 cable glands	Ø 20,4 mm	9204950000	9,5 x 50	9205030000	19 x 9,5	9205000000
KOS PG 16	Round splitting stamp for PG16 cable glands	Ø 22,5 mm	9204960000	9,5 x 50	9205030000	19 x 9,5	9205000000
KOS PG 21	Round splitting stamp for PG21 cable glands	Ø 28,3 mm	9204970000	9,5 x 50	9205030000	19 x 9,5	9205000000
KOS PG 29	Round splitting stamp for PG29 cable glands	Ø 37,0 mm	9204980000	19,0 x 55	9205040000	19	9205010000
KOS PG 36	Round splitting stamp for PG36 cable glands	Ø 47,0 mm	9204990000	19,0 x 75	9204780000	19	9205010000

Information: Hydraulic screw included in the IE-KO-HAT set.
Tension screws only used for manual operation.

Hydraulic hole puncher

Hydraulic sheet holes

Incl. accessories:

- 1 hydraulic screw Ø 19 mm
- 1 hydraulic screw Ø 19 x 9.5 mm
- 1 HSS pre-drill Ø 10 mm
- 1 spacer nut set (3-part)
- 1 bridge

IE-KO-HAT



- Overpressure valve protects against overloading
- Cylinder head angled 90°
- Angled head can be rotated through 360°
- Ergonomic handle springs back automatically
- The piece of waste no longer becomes jammed thanks to 3-fold cleaving
- Hydraulic punch manufactured from high-strength aluminium (approx. 40 % less weight)

Technical data

Maximum steel-sheet punching performance	
Round holes from 1 to Ø 85 mm	-
Round holes from 2 to Ø 64 mm	-
Square holes up to	-
Rectangular holes up to	-
Maximum stainless steel sheet punching performance	
Round holes from 3 to Ø 64 mm	-
Tool data	
Length x width x height	mm
Weight	kg
Punching force	kN
Max. operating pressure	bar
Note	

IE-KO-HAT	
2,0 mm F = 370 N/mm ²	
3,0 mm F = 370 N/mm ²	
68 x 68 mm; 2,0 mm F = 370 N/mm ²	
36 x 112 mm; 2,0 mm F = 370 N/mm ²	
2,5 mm F = 600 N/mm ²	
290 / 120 / 70	
1.9	
75	
650	
Note	

Ordering data

Version
Note

Type	Qty.	Order No.
IE-KO-HAT	1	1966810000
Note		

Accessories

Note

Type	Qty.	Order No.
KOHS 19	1	9205010000
KOHS 9.5+19	1	9205000000
KOPD 10.0	1	9205020000
Splitting stamp on the next page		

Custom stamp for Industrial Ethernet connections



Type	Description	Dimensions	Qty.	Order No.
IE-KOK-V1	Custom shape for Bajonet 01 metal	Ø 27 mm x 1-seitig 25,9 mm	1	1966780000
IE-KOK-V4	Custom shape for Push Pull V04 plastic	Ø 23,2 mm x 2-seitig 20,2 mm	1	1966790000
IE-KOK-V5	Custom shape for RockStar® V05 metal	22,0 x 22,0 mm	1	9204790000
IE-KOK-V14	Custom shape for V14 flange	22,0 x 18,5 mm	1	1135240000

Rectangular splitting stamp for heavy-duty connectors



Type	Description	Dimensions	Size	Qty.	Order No.
KOK 52 x 36	Splitting stamp for 6-pole heavy-duty connectors	52,0 x 36 mm	3	1	9204820000
KOK 65 x 36	Splitting stamp for 10-pole heavy-duty connectors	65,0 x 36 mm	4	1	9204830000
KOK 86 x 36	Splitting stamp for 16-pole heavy-duty connectors	86,0 x 36 mm	6	1	9204850000
KOK 91 x 36	Splitting stamp for 16-pole heavy-duty connectors	91,0 x 36 mm		1	9204860000
KOK 112 x 36	Splitting stamp for 24-pole heavy-duty connectors	112,0 x 36 mm	8	1	9204870000

Rectangular splitting stamp for switches



Type	Description	Dimensions	Qty.	Order No.
KOK 46 x 46	Rectangular splitting stamp for switches	46,0 x 46,0 mm	1	9204810000
KOK 68 x 68	Rectangular splitting stamp for switches	68,0 x 68,0 mm	1	9204840000

Round splitting stamp for metric cable glands



Type	Description	Dimensions	Qty.	Order No.
KOS M 16	Round splitting stamp for M16 cable glands	Ø 16,2 mm	1	9204880000
KOS M 20	Round splitting stamp for M20 cable glands	Ø 20,4 mm	1	9204950000
KOS M 25	Round splitting stamp for M25 cable glands	Ø 25,4 mm	1	9204900000
KOS M 32	Round splitting stamp for M32 cable glands	Ø 32,5 mm	1	9204910000
KOS M 40	Round splitting stamp for M40 cable glands	Ø 40,5 mm	1	9204920000

Round splitting stamp for high-strength cable glands



Type	Description	Dimensions	Qty.	Order No.
KOS PG 9	Round splitting stamp for PG9 Cable glands	Ø 15,2 mm	1	9204930000
KOS PG 11	Round splitting stamp for PG11 Cable glands	Ø 18,6 mm	1	9204940000
KOS PG 13	Round splitting stamp for PG13 Cable glands	Ø 20,4 mm	1	9204950000
KOS PG 16	Round splitting stamp for PG16 Cable glands	Ø 22,5 mm	1	9204960000
KOS PG 21	Round splitting stamp for PG21 Cable glands	Ø 28,3 mm	1	9204970000
KOS PG 29	Round splitting stamp for PG29 Cable glands	Ø 37,0 mm	1	9204980000
KOS PG 36	Round splitting stamp for PG36 Cable glands	Ø 47,0 mm	1	9204990000

Tension screw



Type	Description	Dimensions	Qty.	Order No.
KOBBS	Tension screw	9,5 x 50 mm	1	9205030000
KOBBS	Tension screw	19 x 55 mm	1	9205040000
KOBBS	Tension screw	19 x 75 mm	1	9204780000

SLICER 1K

Electrician's knife



- Lock-blade knife with plastic handle
- Rust-proof
- With round and triangular notch

SLICER 2K

Electrician's knife



- Lock-blade knife with plastic handle
- Electrician blade with 2 notches and lock
- Curved blade, part of which is finely serrated
- Rust-proof

SCISSOR 1K

Electrician's scissors



- With wire cutter
- Handles made from shockproof polyamide
- Cutting edges with high-gloss chromate finish

Ordering data

Type	Qty.	Order No.
SLICER 1K	1	9918160000

Ordering data

Type	Qty.	Order No.
SLICER 2K	1	9041600000

Ordering data

Type	Qty.	Order No.
SCISSOR 1 K	1	9918690000

SCISSOR 2K

Electrician’s scissors



- With wire cutter
- Serrated cutting edge
- Rust-proof
- Soft-touch handle for firm grip

Ordering data

Type	Qty.	Order No.
SCISSOR 2 K	1	9918230000

SCISSOR KEVLAR

Electrician’s scissors



- Cable shears specially designed for aramid fibres
- Only for cutting aramid fibres (strain relief in fibre-optic cables)
- Do not use for other materials
- Special blade geometry
- Blades ground
- With teeth on the cutting edge
- Riveted joint
- Hand-friendly, impact-resistant plastic handles

Ordering data

Type	Qty.	Order No.
SCISSORS KEVLAR	1	1208910000

Stripping

Stripping	Introduction	C.2
	Stripping and cutting tools	C.4
	Sheathing strippers	C.10

Stripping

After a conductor has been cut it is then prepared for the next step or for crimping. For this purpose, a specific length of the conductor insulation has to be removed, while preventing damage to the conductor. The length of the conductor insulation to be removed depends on the terminal clamping point or the crimp to be processed.

Professional stripping tools guarantee perfect results due to precise adjustment of the tool to the corresponding insulation and the conductor cross-section.

Precision tools by Weidmüller guarantee that the user will always obtain consistent, reliable stripping results.

“Stripping” means the cutting and removal of the insulation. The following must be ensured in performing this task.

The stripping dimension must be observed and neither the conductor nor the remaining insulation must be damaged.

To avoid mistakes, use a stripping tool matched to the insulation and cross-section of the conductor.

Do not use work knives or penknives because the stripping quality when using such tools depends entirely on the manual dexterity of the user. The quality is not consistent, even when the user is highly skilled.

Preference should be given to hand-operated tools that adjust automatically to the corresponding cross-section of the conductor. They do not damage to the conductor during stripping and avoid faults.

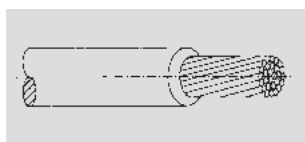
stripax® stripping tools guarantee a consistent stripping result which complies with DIN regulations. The tools are rated for standard dimension PVC insulation. Any PVC insulation thicknesses deviating from normal can be set manually. The conductor stopper and integrated wire cutter allow highly versatile use of the tools.

Special insulation types such as Teflon, Silicone and Kapton require special stripping tools. These tools strip the conductor with punch blades.



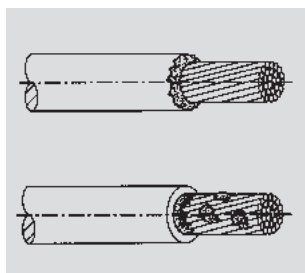


DIN IEC 60352 part 2 contains references to stripping faults which must be avoided:



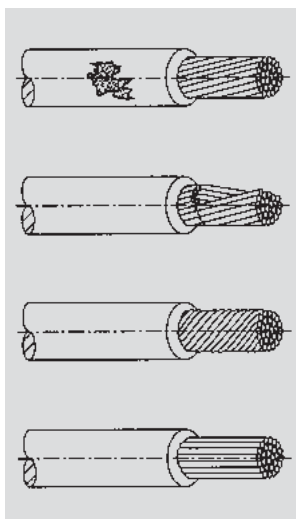
Correctly stripped conductor

Possible faults during stripping:



Insulation has not been cut properly

Remains of the conductor insulation are still to be found on the stripped conductor



The conductor insulation has been damaged by the stripping tool

Single conductors have been damaged or cut off by the stripping tool

Single conductors have been twisted too tightly afterwards

Single conductors are no longer twisted.

Stripping and cutting tools

Stripping and cutting tools

- For flexible and solid conductors with PVC insulation
- Cable with double insulation in two processing steps without special adjustment
- Automatic opening of clamping jaws after stripping
- No play in self-adjusting cutting unit
- Long-lasting
- No splicing of single conductors
- Optimised ergonomic design
- Stripping length adjustable via end stop
- Adjustable for different insulation thicknesses
- Selectable partial stripping
- Removable handle shells
- Fold-out cutting protection
- Personalised labelling with ESG device markers



Technical data

Max. stripping performance		
Cable type		
Wire cross-section, min. / max.	mm ²	
Stripping length, max.	mm	
Cutting performance		
Conductor cross-section (cutting capacity)	mm ²	
Tool data		
Length	mm	
Weight	g	
Note		

Ordering data

Version
Note

Accessories

Type
Note

stripax®

0.08...10 mm²



- Stripping: PVC-insulated flexible conductors from 0.08...10 mm² (~AWG 28...7)
- Cutting: PVC-insulated flexible conductors from 0.08...10 mm² (~AWG 28...7)
- Processing of multi-conductors, with thin flat ribbon cables and even multiple conductors in one operation
- No damaging of the conductor due to special, self-adjustable stripping blades



STRIPAX ZERT		
Flexible and solid conductors with PVC insulation		
0.08...10		
25		
6		
190		
175		

Type	Qty.	Order No.
STRIPAX	1	9005000000
STRIPAX ZERT	1	9017330000

Type	Qty.	Order No.
Replacement stripping blade	1	1119030000

stripax®16

6...16 mm²



- Stripping: PVC-insulated flexible and solid conductors from 6...16 mm² (~AWG 10... 6)
- Cutting: PVC insulated flexible and solid conductors up to 6 mm² (AWG 10)
- No damage to the conductor thanks to specially shaped blade



STRIPAX 16		
Flexible and solid conductors with PVC insulation		
6...16		
25		
6		
190		
175		

Type	Qty.	Order No.
STRIPAX 16	1	9005610000

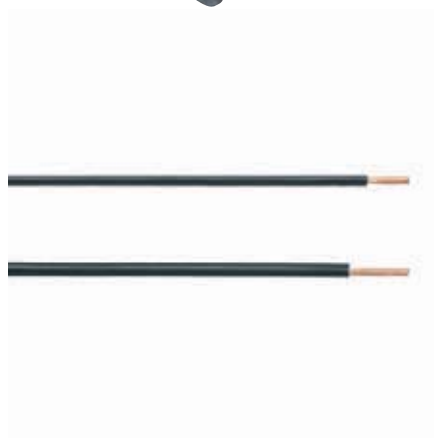
Type	Qty.	Order No.
Replacement stripping blade	1	1119040000

Stripping and cutting tool for conductors with special insulation Types for conductor diameters 0.2 ... 1.21 mm (~ AWG 32 ... 18)

- Flexible and solid conductors with PVC, Teflon (PTFE) and silicone insulation
- Special stripping blades do not damage the conductor
- No splicing of the single conductors
- Blade inserts can be easily replaced
- All inserts fit one housing

Mini-duro-stripax®

Blade set



Technical data

Max. stripping length	
Stripping diameter max. cutting performance	mm
Tool data	
Length	mm
Weight	g

Selection of blade sets



Conductor diameter	Colour blade set
mm (min./max.)	
AWG	
mm²	
Insulation material	

Mini-duro-stripax®

3-7					
2,2					
135					
110					
white	yellow	red	green	blue	black
0,3-1,3	0,2-0,3	0,3-0,5	0,55-0,8	0,88-0,92	1,0-1,21
28 ... 18	32/1, 32/7, 30/1, 30/7	28/1, 28/7, 28/19, 26/1, 26/7, 26/19, 24/1	24/7, 24/19, 22/1, 22/7, 22/19, 20/1	20/7, 20/19	18/1, 18/7, 18/19
≈ 0,08 ... 1,0					
PVC / silicone	PTFE	PTFE	PTFE	PTFE	PTFE

Information

Ordering data

Tools with blade set

Order No.	Order No.	Order No.	Order No.	Order No.	Order No.
9001280000	9003700000	9003710000	9003720000	9003730000	9003740000

Tool with all blade sets

Order No.
9003500000

Accessories

Blade set

Order No.	Order No.	Order No.	Order No.	Order No.	Order No.
9006970000	9003600000	9003610000	9003620000	9003630000	9003640000

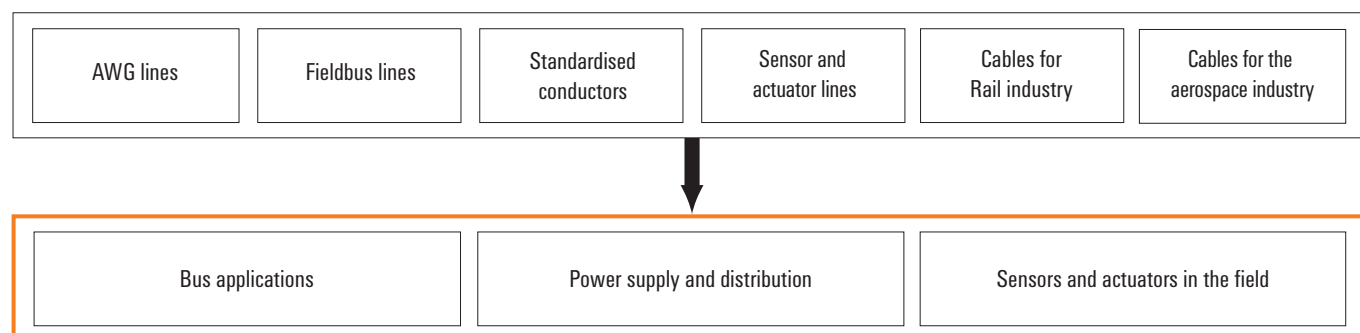
Information

multi-stripax®

Stripping is the name given to the cutting and removal of conductor insulation. When carrying out this task it must be guaranteed that the appropriate length of insulation is removed and that neither the conductor nor the remaining insulation are damaged in any way.

DIN IEC 352 part 2 (formerly DIN IEC 48/290) contains details of the stripping faults to avoid.

The challenge



multi-stripax®

Multifunctional stripping tool for use on a multitude of conductor insulation forms and configurations – even those not covered by the standard

multi-stripax® the troubleshooter

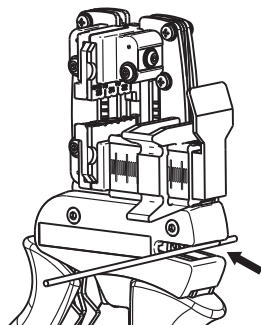
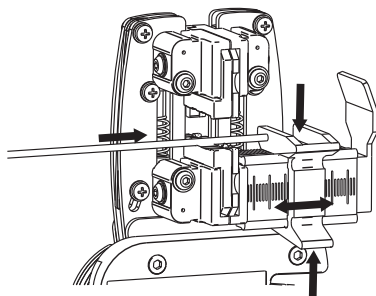
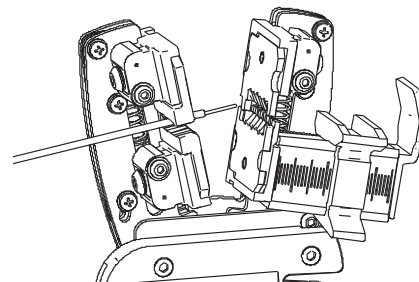
- Interchangeable stripping units
- Proper stripping of any conductor round, flat or special profiles, thanks to the specially shaped stripping blades
- Incorporates cutting function for up to 2.5 mm² solid and 6 mm² fine
- Fatigue free operation thanks to ergonomic design
- No damage to conductor or remaining insulation
- Best stripping results for industrial applications
- Stripping results reproduced accurately time and time again
- A long lasting, reliable tool thanks to its robust design
- Plus, the customary Weidmüller repair service

Special stripping units – the answer to diverse stripping tasks

The multi-stripax® tool, distinguished by its robust design was developed, following customer feedback, to handle all the stripping tasks they have met with in practice.

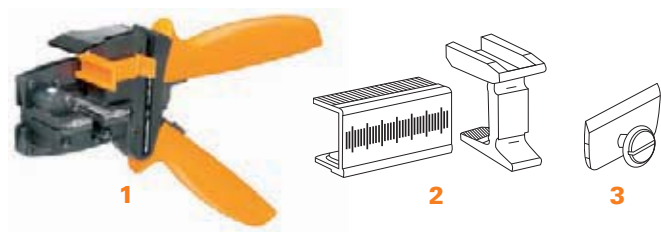
Thanks to the interchangeable stripping units, a special solution can be found for every challenge in the marketplace.

The specially shaped stripping blades guarantee perfect stripping results. The guide plates ensure the correct positioning of the wire and therefore prevent damage to the remaining wire. The clamping jaws hold the conductor with just the right force during the stripping operation and are matched to the specific situation at hand. The flexibility of the multi-stripax® to affect the result of the stripping operations depending on the different variables it encounters makes it a universal troubleshooter.

Cutting**Positioning****Stripping****multi-stripax®****Technical data**

Cable type	PVC, Teflon, PTE, PUR, silicone, halogen free
Conductor cross-section, min.	2 mm
Conductor cross-section, max.	no limit (in several steps)
max. cutting capacity, fine-strand	6 mm ²
max. cutting capacity, solid	2,5 mm ²
max. cutting capacity, ribbon	10,2 x 4 mm
Length/Width/Height	250 / 85 / 40 mm
Weight	250 g
Note	

multi-stripax® incl. stripping unit



- High quality stripping for industrial applications
- Specially shaped stripping blades enable stripping of special types of insulation and conductor configurations
- Adjustable stop for setting stripping lengths from 2.3 to 30 mm
- Highly flexible thanks to interchangeable stripping units
- Stripping results reproduced accurately time and time again
- No damage to the conductor or insulation
- A durable, reliable tool thanks to its robust design
- Integral cutting function for max. 2.5 mm² solid or 6 mm² flexible cables

Ordering data

Illustration	Type	Qty.	Order No.	Features	
1	multi-stripax® 0,25 -1,5S	1	9204540000	Halogen free PVC, silicone, teflon and Radox 3GK-insulated cables; Cable cross section 0.25 up to 1.5 mm² max. stripping lengths depends on cable design / cable type Cutting function up to 6 mm²	
1	multi-stripax® 0,75 -4,0SL	1	9203610000	Halogen free PVC, silicone and teflon insulated cables; Cable cross section 0.75 up to 4 mm² max. stripping lengths depends on cable design / cable type Cutting function up to 6 mm²	
1	multi-stripax® 1,5 -6,0S	1	9204560000	Halogen free PVC, silicone, teflon and Radox 3GKW-insulated cables; Cable cross section 1.5 up to 6 mm² max. stripping lengths depends on cable design / cable type Cutting function up to 6 mm²	
1	multi-stripax® 16SL	1	9202220000	PVC insulated cables; Cable cross section 16 mm² max. stripping lengths depends on cable design / cable type 1. station solid, stranded and flexible (restricted) 2. station double stranded Cutting function up to 6 mm²	
1	multi-stripax® 6-16	1	9202210000	PVC insulated cables; Cable cross section 6 up to 16 mm²; max. stripping lengths depends on cable design / cable type 1. station solid, stranded and flexible 6 mm² 2. station solid, stranded and flexible 10 mm² 3. station solid, stranded and flexible 16 mm² double stranded (flexible) Cutting function up to 6 mm²	
1	multi-stripax® AWG	1	9202230000	AWG with PTFE and PVC insulated cables; Cable cross-section AWG 26...16 max. stripping lengths depends on cable design Cutting function up to 6mm² (AWG 16)	
1	multi-stripax® ASI	1	9202250000	ASI Bus cables 2 x 1.5 mm² flexible for PTE, PUR and EPDM insulated cables Stripping of outer insulation and inner cable Cutting function up to 6 mm²	
1	multi-stripax® GKW LW	1	9205760000	Railway cable Radox GKW LW; Cable cross section 1.0; 1.5 and 2.5 mm² max. stripping lengths depends on cable design / cable type Cutting function up to 6 mm²	
1	multi-stripax® PV	1	1190490000	Photovoltaics cable and comparable earth and short circuit proof cables; Cable cross section 2.5; 4 and 6 mm² max. stripping lengths depends on cable design / cable type Cutting function up to 6mm²	
1	multi-stripax® POF	1	1208880000	Duplex Stripping tool for fast processing of POF fiber and cable according to IEC 60793-2 A4A fibre (1,000 µm/980 µm POF). Cutting function up to 6 mm²	
2	ERAN multi-stripax®	1	9203100000	Length stop	
3	ERME multi-stripax®	1	9203070000	Cutting knife	
Note					

Stripping and cutting tool multi-stripax®

Stripping unit consists of:

Clamping jaws

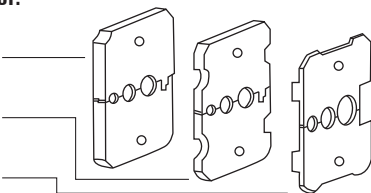
Short symbol KLBC SPX SP

Insulation stripping tool

Short symbol AIME SPX SP

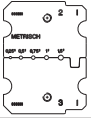
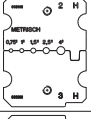
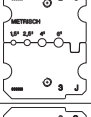
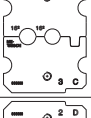
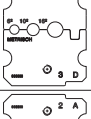
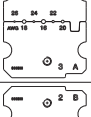
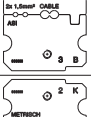
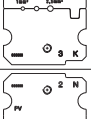
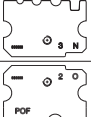
Guide plate

Short symbol FUEPL SPX SP



- Highly flexible thanks to interchangeable stripping units
- High quality stripping for industrial applications
- Specially shaped stripping blades enable stripping of special types of insulation and conductor configurations

Bestelldaten

Type	Qty.	Order No.	Features	
AIE multi-stripax® 0,25 -1,5S	1	9204550000	Halogen free PVC, silicone, teflon and Radox 3GK-insulated cables; Cable cross section 0.25 up to 1.5 mm ² max. stripping lengths depends on cable design / cable type	
AIE multi-stripax® 0,75 -4,0SL	1	9203730000	Halogen free PVC, silicone and teflon insulated cables; Cable cross section 0.75 up to 4 mm ² max. stripping lengths depends on cable design / cable type	
AIE multi-stripax® 1,5 -6,0S	1	9204570000	Halogen free PVC, silicone, teflon and Radox 3GKW-insulated cables; Cable cross section 1.5 up to 6 mm ² max. stripping lengths depends on cable design / cable type	
AIE multi-stripax® 16SL	1	9202270000	PVC insulated cables; Cable cross section 16 mm ² max. stripping lengths depends on cable design / cable type 1. station solid, stranded and flexible (restricted) 2. station double stranded	
AIE multi-stripax® 6-16	1	9202260000	PVC insulated cables; Cable cross section 6 up to 16 mm ² ; max. stripping lengths depends on cable design / cable type 1. station solid, stranded and flexible 6 mm ² 2. station solid, stranded and flexible 10 mm ² 3. station solid, stranded and flexible 16 mm ² double stranded (flexible)	
AIE multi-stripax® AWG	1	9202280000	AWG with PTFE and PVC-insulated cables; Cable cross section AWG 26...16 max. stripping lengths depends on cable design	
AIE multi-stripax® ASI	1	9202300000	ASI Bus cables 2 x 1.5 mm ² flexible for PTE, PUR and EPDM insulated cables Stripping of outer insulation and inner cable	
AIE multi-stripax® GKW LW	1	9205770000	Railway cable Radox GKW LW; Cable cross section 1.0; 1.5 and 2.5 mm ² max. stripping lengths depends on cable design / cable type	
AIE multi-stripax® PV	1	1204280000	Photovoltaics cable and comparable earth and short circuit proof cables; Cable cross section 2.5; 4 and 6 mm ² max. stripping lengths depends on cable design / cable type	
AIE multi-stripax® POF	1	1212770000	Duplex Stripping tool for fast processing of POF fiber and cable according to IEC 60793-2 A4A fibre (1,000 µm/980 µm POF).	



Sheathing strippers

Sheathing strippers

- Sheathing stripper for round cables

AM 25 / AM 35

AM 25: Ø 6–25 mm; AM 35: Ø 25–36 mm



- Pivoting blade for circumferential, longitudinal and spiral cuts
- Retaining bracket with integrated blade to break open an incision in the insulation
- Integrated spare blade

AM 12

For UTP and STP data cables



- Cutting of UTP and STP data cables and other flexible copper cables with a diameter of up to 4 mm² (~AWG11)
- Stripping of the outer insulation of UTP and STP data cables and other round cables with Ø approx. 0.5 ... 12.5 mm
- No damage to the shielding or conductor due to adjustable stripping blade
- Length end stop for repeated cutting and stripping lengths



Technical data

Max. stripping performance	
Cable type	
Min. conductor diameter	mm
Depth of cut	
Cutting performance	
UTP und STP data cables, max. diameter	mm
Copper cable - flexible, max.	mm ²
Tool data	
Length	mm
Weight	g
Note	

AM 25	AM 35
PVC round cable	PVC round cable
6...25	25...36
adjustable up to 4.5 mm	adjustable up to 4.5 mm
135	140
135	135

AM 12
UTP and STP data cables
0.5...12.5
adjustable
8
4
97
36

Ordering data

Version
Note

Type	Qty.	Order No.
AM 25	1	9001540000
AM 35	1	9001080000

Type	Qty.	Order No.
AM 12	1	9030060000

Accessories

Type
Note

Type	Qty.	Order No.
Spare blades	2	9001530000
Sheathing stripper		

Type	Qty.	Order No.
Sheathing stripper		

Sheathing strippers

- Sheathing strippers for PVC cables
- Insulation can be stripped from any point along the cable
- Opening of slit insulation by means of integrated cutter



product
design
award

2008

AM 16

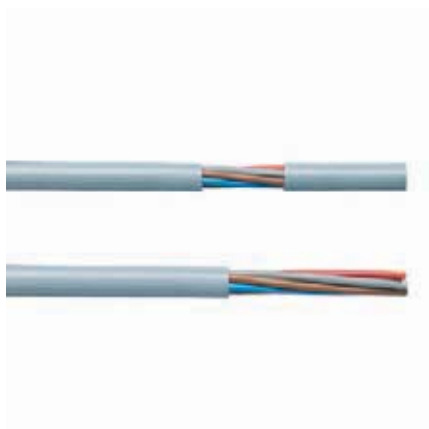
For round cable, Ø 6...17 mm



- Especially suitable for stripping cables in the cable duct

AMF 6/10

For ribbon cable, 6 mm² and 10 mm²



Technical data

Max. stripping performance	
Cable type	
Conductor cross-section, min. AWG	-
Min. conductor diameter	mm
Depth of cut	
Cutting performance	
UTP und STP data cables, max. diameter	mm
Copper cable - flexible, max.	mm²
Tool data	
Length	mm
Weight	g
Note	

AM 16		
PVC round cable		
6...17		
0.8...2.5 mm		

AMF 6/10		
PVC ribbon cable		
0...4.0 mm		

Ordering data

Version
Note

Type	Qty.	Order No.
AM 16	1	9204190000

Type	Qty.	Order No.
AMF 6/10	1	9204180000

Accessories

Type
Note

Type	Qty.	Order No.
Spare blade	1	9204260000
Sheathing stripper		

Type	Qty.	Order No.
Spare blade	1	9204250000
Sheathing stripper		

Sheathing strippers

Sheathing strippers for coaxial cable

- For coaxial cable and round (shielded) data cables from Ø 2.5...8 mm
- 1-, 2- and 3-level stripping in one step
- Fast changeover to other cable types thanks to adjustable and interchangeable screw holder
- Colour-coded, interchangeable cassettes with specified stripping length for standard coaxial cable: see table
- Setting block (included) permits quick pre-setting of cutting depths
- Blade cassettes can be used on both sides

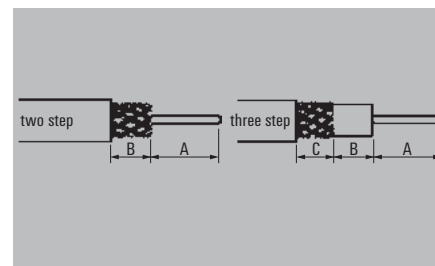
CST / IE-CST

Ø 2.5...8 mm



- RG 58 and RG 71
- RG 59 and RG 62
- Antenna cable
- Profibus cable
- Ethernet cable

Cutter cassettes for CST



Technical data

Max. stripping performance	
Cable type	
Min. conductor diameter	mm
Stripping length, max.	mm
Tool data	
Length	mm
Weight	g
Note	

CST	IE-CST
Coaxial & round data cables	Coaxial & round data cables
2.5...8	2.5...8
100	100
65	85

Colour cutter cassettes	B [mm]	C [mm]
grey	3.9	
red	6.0	
yellow	12.0	
blue	6.5	
white	8.6	
green	7.1	5.1
brown	7.5	3.5
orange	8.0	3.7
light green	6.0	6.0
black	8.6	2.3

Dim. A as stated by manufacturer (not defined by tool)

Ordering data

Version
Note

Type	Qty.	Order No.
CST	1	9030500000
IE-CST	1	9204350000
IE-CST including blade cartridge, adjusted to Weidmüller Ethernet cable		

Colour cutter cassettes	Qty.	Order-No.
grey	1	9032050000
red	1	9032040000
yellow	1	9032030000
blue	1	9032020000
white	1	9204340000
green	1	9032000000
brown	1	9032010000
orange	1	9032200000
light green	1	9032210000
black	1	9032220000

Accessories

Note

Type	Qty.	Order No.
Screw holder	1	9032060000
Screwdriver	1	9005720000
Setting block	1	9005800000
Dimension A: as specified by connector manufacturer (not defined by tool)		

Sheathing strippers for coaxial cable

- For coaxial cable and round (shielded) data cables from Ø 2.5...8 mm
- 1-, 2- and 3-level stripping in one step
- Adjustable stripping lengths in 1 mm steps for meshwork and dielectric materials (min. stripping length approx. 3.2 mm)
- Fast changeover to other cable types
- Max. stripping length 17 mm
- Incl. 3 blades

CST vario

Ø 2.5...8 mm



- RG 58 and RG 71
- RG 59 and RG 62
- Antenna cable
- Profibus cable
- Ethernet cable

CST Vario blade holder



Ordering data

Type	Qty.	Order No.
CST VARIO BLADE HOLDER	1	9005740000

CST Vario blade insert



Ordering data

Type	Qty.	Order No.
CST VARIO BLADE INSERT	1	9005730000



Technical data

Max. stripping performance	
Cable type	
Min. conductor diameter	mm
Stripping length, max.	mm
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version

Note

Accessories

|--|

Note

CST VARIO

Coaxial & round data cables
2.5...8
17
116
76

Type	Qty.	Order No.
CST VARIO	1	9005700000

Type	Qty.	Order No.
Screwdriver	1	9005720000
Blade holder	1	9005740000
Blade insert	1	9005730000
Includes spare blade set (1 set = 3 blades)		

CST Screwdriver



Ordering data

Type	Qty.	Order No.
CST SCREWDRIVER	1	9005720000

Setting block CST



Ordering data

Type	Qty.	Order No.
CST SETTING BLOCK	1	9005800000

Screw holder CST



Ordering data

Type	Qty.	Order No.
CST SCREW HOLDER	1	9032060000

Sheathing strippers

Cable sheathing stripper

- For fast and accurate stripping of cables for damp areas ranging from Ø 8...13 mm, e.g. NYM cable, 3 x 1.5 mm² to 5 x 2.5 mm²
- No need to set cutting depth
- Ideal for working in junction and distribution boxes

Stripper round

Round cable stripper



- Damp-proof cable Ø 8...13 mm



Stripper round top

Round cable stripper with individual wire stripper



- Damp-proof cable Ø 8...13 mm
- With stripping device for individual wires of 0.2...4.0 mm²
- With integrated longitudinal cutter
- Retractable internal blade



Technical data

Max. stripping performance	
Cable type	
Min. conductor diameter	mm
Wire cross-section, min. / max.	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

Stripper round		
Flexible and solid conductors with PVC insulation		
8...13		
125		
47		

Type	Qty.	Order No.
Stripper round	1	9918040000

STRIPPER ROUND TOP		
Flexible and solid conductors with PVC insulation		
8...13		
0.2...4		
125		
50		

Type	Qty.	Order No.
STRIPPER ROUND TOP	1	9918050000

Cable knife

- Simple, fast and accurate stripping of all conventional round cables from Ø 4...37 mm
- Circumferential and longitudinal cuts with automatic rotary blade
- Knurled screw at end of handle for setting cutting depth
- Spring-loaded cable retaining clip with thumb guard
- Spare blade in handle

Slicer NO 16

Cable cutter Ø 4...16 mm

**Slicer NO 27**

Cable cutter Ø 8...28 mm



- Operating range: 4...16 mm outer diameter

- Operating range: 8...28 mm outer diameter

**Technical data**

Max. stripping performance	
Cable type	
Min. conductor diameter	mm
Tool data	
Length	mm
Weight	g
Note	

SLICER NO 16		
Flexible and solid conductors with PVC insulation		
4...16		
122		
75		

SLICER NO 27		
Flexible and solid conductors with PVC insulation		
8...28		
122		
75		

Ordering data

Version
Note

Type	Qty.	Order No.
SLICER NO 16	1	9918070000

Type	Qty.	Order No.
SLICER NO 27	1	9918080000

Accessories

Note

Type	Qty.	Order No.
Accessories Slicer No 16-35	2	9201430000

Type	Qty.	Order No.
Accessories Slicer No 16-35	2	9201430000

Sheathing strippers

Special cable sheathing stripper

Insulation stripping tool
for data communication systems

Stripper PC

Special cable stripper



Stripper Coax

Special cable stripper



- Cable diameter Ø 5...15 mm
- For wires and conductors from 0.25...4.0 mm² (24...12 AWG)
- For data cables in the telecommunications and IT sectors
- IBM network cables
- Printer cables
- Control cables



- Cable diameter Ø 4.8...7.5 mm
- For PVC-insulated data communication and control cables
- RG 58 / RG 59
- TV antenna cables between Ø 4.8 and 7.5 mm
- PVC round cables 3 x 0.75 mm²



Technical data

Max. stripping performance	
Cable type	
Min. conductor diameter	mm
Wire cross-section, min. / max.	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

STRIPPER PC

Data cable / telecommunications and IT		
		5...15
		0.25...4
		125
		55

Type	Qty.	Order No.
STRIPPER PC	1	9918060000

STRIPPER COAX

Coaxial & round data cables		
		4.8...7.5
		97
		22

Type	Qty.	Order No.
STRIPPER COAX	1	9918030000

Crimping

Crimping	Introduction	D.2
	Overview contacts – tools	D.4
	Crimping tools for wire end ferrules	D.6
	Introduction – Crimping tools for other contacts	D.12
	Crimping tools for other contacts	D.14
	Pressing tools	D.26
	Crimping tools for connectors	D.28
	Crimping inserts	D.29
	Insertion tool for twisted-pair cable	D.31
	Disconnect	D.32
	Tools for polymer optical fibre (POF)	D.34
	Cable tie tools	D.35

Crimping

After stripping, appropriate contacts or wire end ferrules can be crimped to the cable end.

Crimping produces a reliable connection between conductor and contact, and has more or less completely replaced soldering.

Crimping describes the production of a uniform, non-detachable connection between conductor and connecting element.

This should be achieved exclusively by the use of a high-quality precision tool. The result is a safe, reliable connection in both electrical and mechanical terms.

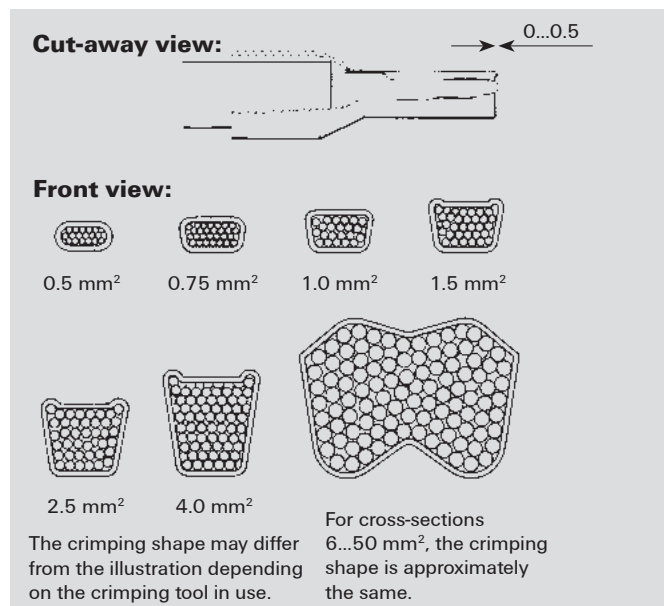
Weidmüller offers a wide range of mechanical crimping tools. An integral ratchet mechanism with disengage option guarantees optimum processing quality. Crimp connections produced with Weidmüller tools comply with international standards and specifications.

The DIN EN 60352-2 standard recommends that tools and contacts should come from the same manufacturer, since this is the only way to ensure consistently high quality. Otherwise, it is the user who is responsible for the quality. Weidmüller tools are designed to fit with Weidmüller contacts and thus are in full compliance with the DIN EN standard.

Note: The AWG cross-section specifications can be compared with the equivalent metric specifications.

Crimping of wire end ferrule: an example of an optimum crimp of different cross-sections.

A crimp connection using manual and automatic Weidmüller tools can be seen below. The conductor insulation must be pushed into the plastic collar and the ferrule sleeve must be completely filled by the conductor. Depending on the cross-section, the conductor should protrude approx. 0 ... 0.5 mm from the ferrule sleeve.



Faulty crimping connections due to an incorrect combination of cable and wire end ferrule

It is not possible for a tool to function reliably with every combination of conductor and crimping material. It is possible that the standard requirements for the crimped product can't be achieved, although taken on their own, both conductor and crimping material comply with the corresponding standard. The individual production tolerances of conductor and crimping material do not allow every conductor to be combined with every contact.

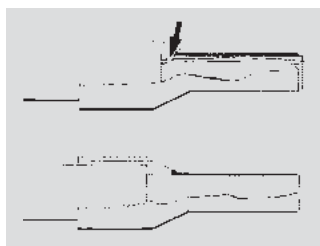
The combination of conductors, crimping material and crimping tool must be coordinated: this procedure is all the more difficult given the large number of products on the market.

This means that the material must be defined and the crimping result tested, ensuring that the test, and later on the tool, satisfy the same conditions.



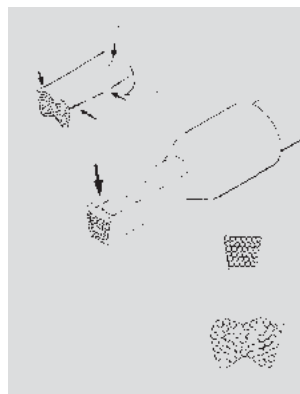
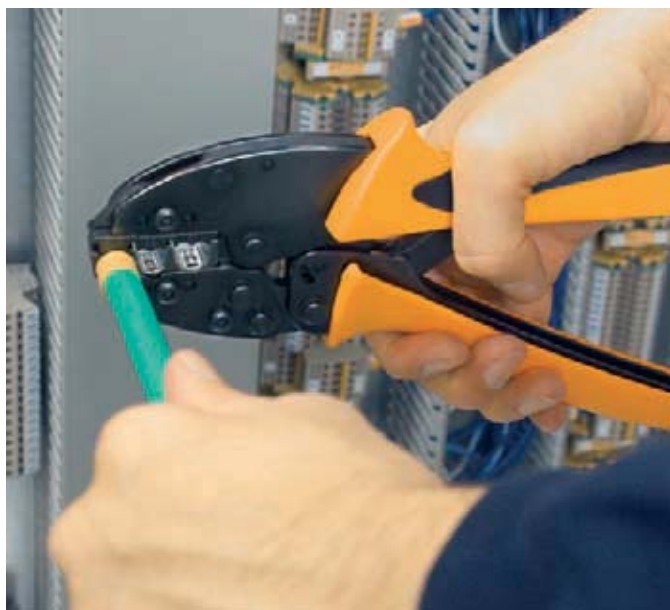
Faults which can occur during crimping:

- Cracks along the sides and die impressions
- Splitting of the ferrules
- Asymmetrical crimping shape
- Extreme burrs formed along the sides
- Ferrule not filled by the conductor
- Single conductors pushed back protruding from the collar
- Single conductors squeezed off
- Plastic collar damaged by the crimping jaw
- Conductor insulation not pushed into the plastic collar
- Ferrule bent longitudinally after crimping



Single conductor squeezed off

Single conductor pushed back



Formation of cracks at the sides.
Sides split open

Formation of cracks at the impressions of
the crimping jaw

Asymmetrical crimping shape
Burr formation on one side

Asymmetrical crimping shape
Burr formation on one side

Note:

The ferrule must not split open after it has been connected once in any Weidmüller terminal corresponding to the conductor cross-section (with a torque according to IEC 60947-1)

Crimp contact	Crimp type	Description	Conductor crossection in mm ²	AWG	Crimping tool	Order No. tool	page
Wire end ferrules		with plastic collar	0,5...2,5	20...14	Stripax Plus 2.5	9020000000	D.6
		with / without plastic collar	0,14...6	26...10	PZ 6 roto	9014350000	D.9
			0,14...1,5	24...16	PZ 1.5	9005990000	D.7
			0,5...4	20...12	PZ 4	9012500000	D.8
		with / without plastic collar	0,14...6	24...10	PZ 6 HEX	9013650000	D.7
		with / without plastic collar	0,25...6	24...10	PZ 6/5	9011460000	D.8
		with / without plastic collar	0,5...6	20...10	PZ 3	0567300000	D.9
		with / without plastic collar	6...16	10...6	PZ 16	9012600000	D.10
			25...50	3...1	PZ 50	9006450000	D.11
Twin wire end ferrules		Twin wire end ferrules	0,5...1	20...17	PZ 1.5	9005990000	D.7
			0,5...4	20...12	PZ 6 HEX	9013650000	D.7
			0,5...2,5	20...14	PZ 4	9012500000	D.8
			0,5...4	20...12	PZ 6/5	9011460000	D.8
			0,5...4	20...12	PZ 3	0567300000	D.9
			0,5...4	20...12	PZ 6 roto	9014350000	D.9
			6...16	10...6	PZ ZH 16	9013600000	D.10
Stamped contacts		Weidmüller DFF series	0,22...2,5	24...12	HTF DFF	9014140000	D.25
		Weidmüller ZRV and MKF series	0,2...0,35 / 0,5...1	24...22 / 20...17	HTF ZRV	9014840000	D.25
		Weidmüller FEKO ZRV series	0,2...2,5	24...12	HTF AFK 2.5	9201040000	D.25
		Weidmüller RSV and DSTV-HD Systems	0,14...1,5	26...16	HTF RSV 16	9013560000	D.25
			2,5	14...12	HTF RSV 12	9013550000	D.25
Turned contacts		Turned HD and HE contacts	4...10	12...7	CTX CM 3,6	9018480000	D.18
			0,14...4	26...12	CTX CM 1,6/2,5	9018490000	D.18
		Turned HD, HE and HX contacts	0,14...6	26...10	CTIN CM 1,6/2,5	9205430000	D.18
			1,5...10	16...7	CTIN CM 3,6	9205440000	D.18

Crimp contact	Crimp type	Description	Conductor crossection in mm ²	AWG	Crimping tool	Order No. tool	page
coaxial connectors		coaxial connectors			HTG 58	9012000000	D.23
					HTG 58/59	9012020000	D.23
					HTG 59	9012010000	D.23
					HTG 174	9012410000	D.23
					HTX 138	9012400000	D.23
					HTX 188	9011990000	D.23
		coaxial connectors			CTX 500	9006320000	D.24
					CTX 501	9006370000	D.24
					CTX 502	9006380000	D.24
insulated / non-insulated connectors		insulated connectors	0,5...2,5	20...14	HTI 15	9014400000	D.16
			0,5...6	20...10	CTI 6	9006120000	D.15
			0,5...6	20...10	CTI 6 G	9202850000	D.15
		non-insulated connectors	0,5...6	20...10	HTN 21	9014610000	D.16
			0,5...6	20...10	HTN 21 with end stop	9014100000	D.16
			10...25	7...3	CTN 25 D4	9006220000	D.17
			10...25	7...3	CTN 25 D5	9006230000	D.17
modular plug connectors		WE-plug (4, 6 and 8-poles)	0,08...0,25	28...24	TT 864 RS WE	9008120000	D.27
		WE-plug (4, 6 and 10-poles)	0,08...0,25	28...24	TT 1064 RS WE	9008190000	D.27
		shielded WE-plug, system Hirose	0,08...0,25	28...24	TT 8 GH	9005640000	D.26
			0,08...0,25	28...24	TT8 RS MP8	9202800000	D.26
Other contacts and plugs		SUB-D contacts	0,08...0,5	28...20	HTF SUB-D	9013260000	D.24
		flat blade connectors and receptacles	0,1...1 (connec. width 2,8)	27...17	HTF 28	9013090000	D.14
			0,5...2,5 (connec. width 4,8)	20...14	HTF 48	9013080000	D.14
			0,5...2,5 (connec. width 6,3)	20...14	HTF 63	9013400000	D.14
			0,5...6 (connec. width 6,3)	20...10	CTF 63	9202860000	D.14
		fibre optic connectors	Station 1 (hexagon crimp): 3,15 / 6,0 H.- → 3,9		HTX LWL	9011360000	D.19
			Station 2 (round crimp): 4,85 / 6,0 H.- → 5,5		HTX LWL	9011360000	D.19
		IP 67 connector			IE-CT-SC-GOF	9205320000	D.20
					IE-CT-LC-GOF	9205330000	D.20
					IE-CT-SC-POF	9205340000	D.20
					IE-CT-SC-GOF-P	9205350000	D.20

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 Part 1 and Part 4
- Ratchet for precise crimping
- Release option in the event of incorrect operation

PZ 1.5

0.14...1.5 mm²

- ~AWG 26...16
- Only one die for the whole cross-section range
- Crimp complies with Euro-Norm EN 60947-1
- Wire-end ferrule insertion from the front



PZ 6 HEX

0.14...6 mm²

- ~AWG 26...10
- Only one die for the whole cross-section range
- Wire-end ferrule insertion from the side



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

PZ 1.5		
Wire-end ferrules with/without plastic collars		
0.14...1.5		

Type	Qty.	Order No.
PZ 1.5	1	9005990000
PZ 1.5 ZERT	1	9017310000
Additional accessories can be found in Chapter J		

PZ 6 HEX		
Wire-end ferrules with/without plastic collars		
0.14...6		

Type	Qty.	Order No.
PZ 6 HEX	1	9013650000
PZ 6 HEX Zert	1	9017920000
Additional accessories can be found in Chapter J		

Crimping tools for wire end ferrules

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4
- Ratchet for precise crimping
- Release option in the event of incorrect operation

PZ 4

0.5...4 mm²



- ~AWG 21...12
- Only one crimping station for the whole cross-section range
- Wire-end ferrule insertion from the side



PZ 6/5

0.25...6 mm²



- ~AWG 24...10
- Crimp complies with Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)
- Five crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

PZ 4		
Wire-end ferrules with/without plastic collars		
0.5...4		
Tool data		
Length	mm	200
Weight	g	448
Note		

Type	Qty.	Order No.
PZ 4	1	9012500000
PZ 4 ZERT	1	9017300000
Additional accessories can be found in Chapter J		

PZ 6/5		
Wire-end ferrules with/without plastic collars		
0.25...6		
0.25...0.5		
0.75...1.5		
2.5		
4		
6		
Tool data		
Length	mm	200
Weight	g	423
Note		

Type	Qty.	Order No.
PZ 6/5	1	9011460000
PZ 6/5 ZERT	1	9017900000
Additional accessories can be found in Chapter J		

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4
- Ratchet for precise crimping
- Release option in the event of incorrect operation

PZ 3

0.5...6 mm²

- ~AWG 21...10
- Only one die for the whole cross-section range
- Wire-end ferrule insertion from the front



PZ 6 roto

0.14...6 mm²

- ~AWG 26...10
- Only one die for the whole cross-section range
- Rotating die enables wire-end ferrule insertion from the front or side



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

PZ 3		
Wire-end ferrules with/without plastic collars		
0.5...6		
Tool data		
	200	
	426	
Note		

Type	Qty.	Order No.
PZ 3	1	0567300000
PZ 3 ZERT	1	9017360000
Additional accessories can be found in Chapter J		

PZ 6 roto		
Wire-end ferrules with/without plastic collars		
0.14...6		
Tool data		
	200	
	428	
Note		

Type	Qty.	Order No.
PZ 6 Roto	1	9014350000
PZ 6 ROTO ZERT	1	9017440000
Additional accessories can be found in Chapter J		

Crimping tools for wire end ferrules

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 Part 1 and Part 4
- Ratchet for precise crimping
- Release option in the event of incorrect operation

PZ 16

6...16 mm²



- ~AWG 10...6
- Crimp complies with Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)
- Three crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side



PZ ZH 16

Twin wire-end ferrules from 6...16 mm²



- ~ AWG 10...6
- Three crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

PZ 16		
Wire-end ferrules with/without plastic collars		
6...16		
6		
10		
16		
Tool data		
200		
418		
Note		

Type	Qty.	Order No.
PZ 16	1	9012600000
PZ 16 ZERT	1	9017340000
Additional accessories can be found in Chapter J		

PZ ZH 16		
Twin wire-end ferrules		
6...16		
6		
10		
16		
Tool data		
250		
730		
Note		

Type	Qty.	Order No.
PZ ZH 16	1	9013600000
PZ ZH 16 ZERT	1	9013610000
Additional accessories can be found in Chapter J		

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4
- Ratchet for precise crimping
- Release option in the event of incorrect operation

PZ 50

25...50 mm²

- AWG 4...0
- Crimp complies with Euro-Norm EN 60947-1
- Approval according to VG 95211
(military designation VG 95 236 T 14 B 002)
- Three crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version	
---------	--

PZ 50

Wire-end ferrules with/without plastic collars
25...50
25
35
50
250
730

Type	Qty.	Order No.
PZ 50	1	9006450000
PZ 50 ZERT	1	9017400000

Note

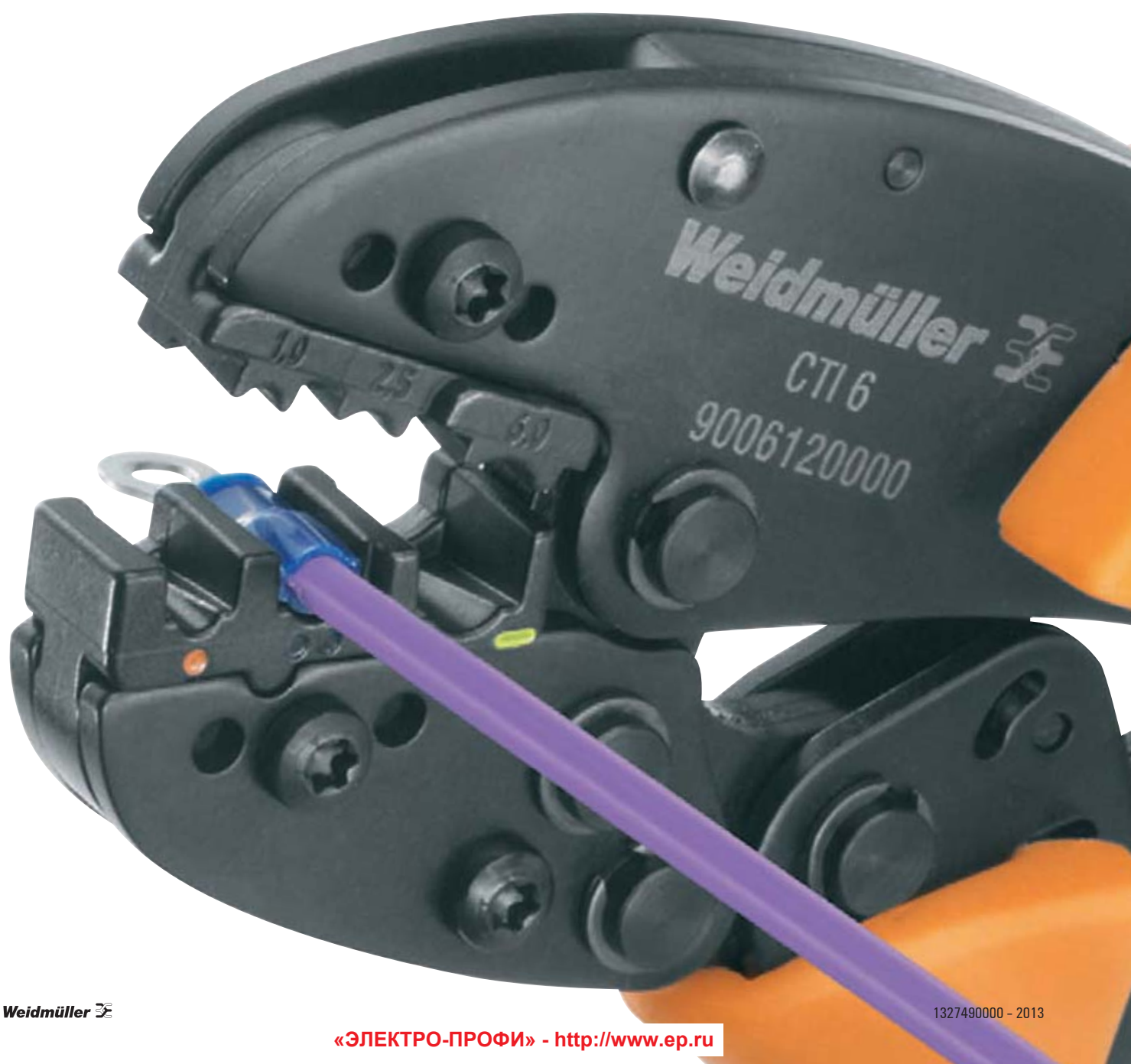
Additional accessories can be found in Chapter J

Crimping tool for custom contacts

The crimping technique is one of the most reliable and most versatile connection methods. Extreme quality demands for a variety of different connections require that you use a wide variety of specialised crimping tools which are designed for specific contacts.

Weidmüller offers the right crimping tool for a wide variety of contact, regardless of whether you are using turned contacts, cable-lug connectors, insulated connectors or coaxial connectors.

D





Crimping tools for other contacts

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts
- Contact and insulation are crimped in one step

HTF 28 / HTF 48 / HTF 63

0.1...2.5 mm²

For flat-blade connectors and flat-blade receptacles with pre-rolled crimp claw

HTF 28

- ~AWG 28...18
- Plug width 2.8 mm, from 0.1...1.0 mm²

HTF 48

- ~AWG 21...14
- Plug width 4.8 mm, from 0.5...2.5 mm²

HTF 63

- ~AWG 21...14
- Plug width 6.3 mm, from 0.5...2.5 mm²



CTF 63

0.5...6 mm²

For flat-blade connectors and flat-blade receptacles with pre-rolled crimp claw

CTF 63

- ~AWG 21...10
- Plug width 6.3 mm, from 0.5...6 mm²



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Plug width	mm
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

HTF 28	HTF 48	HTF 63
F-plug / -sleeve	F-plug / -sleeve	F-plug / -sleeve
0.1...1	0.5...2.5	0.5...2.5
0.1...0.25	0.5...1	0.5...1
0.25...0.5	1.5...2.5	1.5...2.5
0.6...1		
2.8	4.8	6.3
200	200	200
438	438	438

Type	Qty.	Order No.
HTF 28	1	9013090000
HTF 28 ZERT	1	9017410000
HTF 48	1	9013080000
HTF 48 ZERT	1	9017260000
HTF 63	1	9013400000
HTF 63 ZERT	1	9017240000
Additional accessories can be found in Chapter J		

CTF 63
F-plug / -sleeve
0.5...6
0.5...1
1.5...2.5
2.6...6
6.3
250
730

Type	Qty.	Order No.
CTF 63	1	9202860000
CTF 63 ZERT	1	1077010000
Additional accessories can be found in Chapter J		

Crimping tools for other contacts

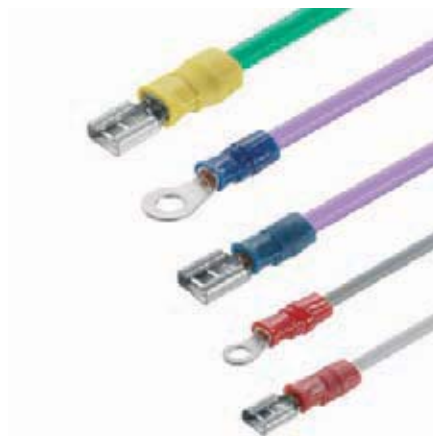
- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts

CTI 6 G

0,5...6 mm²

For PVC, PC- and polyamide-insulated connectors

- ~AWG 21...10
- Parallel crimp profile for crimping contact and insulation in one step



CTI 6

0,5...6 mm²

For PVC, PC- and polyamide-insulated connectors

- ~AWG 21...10
- Double-crimp profile for crimping contact and insulation in one step



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Plug width	mm
Tool data	
Length	mm
Weight	g
Note	

CTI 6 G	
Insulated connector	
Crimping range	0.5...6
Crimping range 1 (with multiple crimping positions)	0.5...1.5
Crimping range 2 (with multiple crimping positions)	1.1...2.5
Crimping range 3 (with multiple crimping positions)	2.6...6
Plug width	mm
Tool data	
Length	250
Weight	747
Note	

CTI 6	
Insulated connector	
Crimping range	0.5...6
Crimping range 1 (with multiple crimping positions)	0.5...1.5
Crimping range 2 (with multiple crimping positions)	1.1...2.5
Crimping range 3 (with multiple crimping positions)	2.6...6
Plug width	mm
Tool data	
Length	250
Weight	730
Note	

Ordering data

Version
Note

Type	Qty.	Order No.
CTI 6 G	1	9202850000
CTI 6 G ZERT	1	1292880000
Additional accessories can be found in Chapter J		

Type	Qty.	Order No.
CTI 6	1	9006120000
CTI 6 ZERT	1	9017290000
Additional accessories can be found in Chapter J		

Crimping tools for other contacts

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts
- Tested according to DIN EN 60352 Part 2

HTI 15

0.5...2.5 mm²

For PVC-, PC- and polyamide-insulated connectors

- ~AWG 21...14
- Double-crimp profile, for crimping contact and insulation in one step



HTN 21

0.5...6 mm²

For uninsulated cable lugs and connectors

- ~AWG 21...10
- Rolled cable lugs, for example acc. to DIN 46234
- Tubular cable lugs
- Pin cable lugs
- Parallel and serial connectors
- Indent crimping
- Alternatively available with or without pivoting end stop



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Plug width	mm
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

HTI 15		
Insulated connector		
Crimping range	0.5...2.5	
Crimping range 1	0.5...1.5	
Crimping range 2	1.1...2.5	
Plug width		
Length	200	
Weight	434	
Note		

Type	Qty.	Order No.
HTI 15	1	9014400000
HTI 15 ZERT	1	9017430000
Additional accessories can be found in Chapter J		

HTN 21	HTN 21 M. AN.
Uninsulated connection	Uninsulated connection
Crimping range	0.5...6
Crimping range 1	0.5...1.5
Crimping range 2	1.1...2.5
Crimping range 3	2.6...6
Length	200
Weight	427
End stop for secure contact positioning in tool	

Type	Qty.	Order No.
HTN 21	1	9014610000
HTN 21 ZERT	1	9017380000
HTN 21 M. AN	1	9014100000
HTN 21 M. AN ZERT	1	9017170000

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation

CTN 25 D 4

10...25 mm²

For uninsulated cable lugs and connectors

- ~AWG 8...4
- Rolled cable lugs, acc. to DIN 46234
- Pin cable lugs
- Parallel and serial connectors
- Indent crimping



CTN 25 D 5

10...25 mm²

For uninsulated cable lugs and connectors

- ~AWG 8...4
- Rolled cable lugs, acc. to DIN 46234
- Pin cable lugs
- Parallel and serial connectors
- Hexagon crimping



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Plug width	mm
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

CTN 25 D4		
Uninsulated connection		
10...25		
10		
16		
25		
250		
730		

Type	Qty.	Order No.
CTN 25 D4	1	9006220000
CTN 25 D4 ZERT	1	9017350000
Additional accessories can be found in Chapter J		

CTN 25 D5		
Uninsulated connection		
10...25		
10		
16		
25		
250		
730		

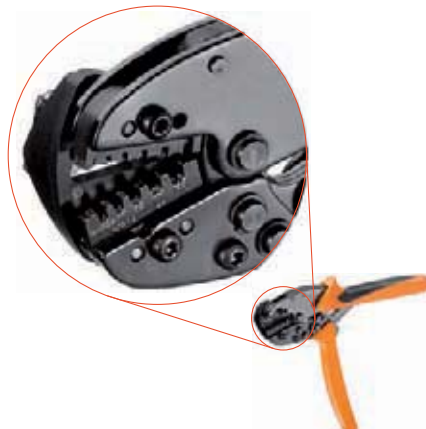
Type	Qty.	Order No.
CTN 25 D5	1	9006230000
CTN 25 D5 ZERT	1	1292870000
Additional accessories can be found in Chapter J		

Crimping tools for other contacts

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts

CTX CM 1.6/2.5 / CTX CM 3.6

0.14...10 mm²

CTX CM 1.6/2.5

- Turned HD contacts
- Turned HE contacts
- ConCept M10 and M5 contacts
- ~AWG 26...12
- 0.14...4.0 mm²

CTX CM 3.6

- Turned HD contacts
- ConCept M3 contacts
- ~AWG 12...8
- 4.0...10 mm²



CTIN CM 1.6/2.5 / CTIN 3.6

0.14...10 mm²

CTIN CM 1.6/2.5

- Turned HD and HE contacts
- Turned HX contacts
- ConCept M10, M5 and M3 contacts
- 4-indent crimp
- ~AWG 26...10
- 0.14...6.0 mm²

CTIN CM 3.6

- Turned HX contacts
- ConCept M3 contacts
- 4-indent crimp
- ~AWG 16...8
- 1.5...10 mm²



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

CTX CM 1.6/2.5	CTX CM 3.6
Turned contacts	Turned contacts
0.14...4	4...10
0.14...0.5	4
0.75...1	6
1.5	10
2.5	
4	
250	250
730	730

Type	Qty.	Order No.
CTX CM 1.6/2.5	1	9018490000
CTX CM 1.6/2.5 ZERT	1	9013690000
CTX CM 3.6	1	9018480000
CTX CM 3.6 ZERT	1	1270320000
A large selection of contacts can be found in our current Heavy-duty Connectors Catalogue		

CTIN CM 1.6/2.5	CTIN CM 3.6
Turned contacts	Turned contacts
0.14...6	1.5...10
0.14...6	1.5...10
230	230
1,220	1,220

Type	Qty.	Order No.
CTIN CM 1.6/2.5	1	9205430000
CTIN CM 3.6	1	9205440000
A large selection of contacts can be found in our current Heavy-duty Connectors Catalogue		

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation

HTX LWL



For fibre-optical cables with

- Core diameter of 1 mm
- Crimping sleeve Ø 5.5 mm

Station 1: hexagon crimp

Station 2: round crimp (for HP connector)



Technical data

Description of contact	
Type of contact	
Station 1: A / B	mm
Station 2: A / B	mm
Station 3: A / B	mm
C	mm
D	mm
Tool data	
Length	mm
Weight	g
Note	

HTX LWL	
Fibre-optic connector	
3.15 / 6	
4.85 / 6	
Tool data	
200	
415	
Note	
H-Ø: Sleeve diameter	

Ordering data

Version
Note

Type	Qty.	Order No.
HTX LWL	1	9011360000
Note		

Crimping tools for other contacts

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation

IE-CT-SC-GOF / IE-CT-LC-GOF

Crimping tools for IP 20 + IP 67 connectors



- For fibre-optic SC/ST, IP 20 and IP 67 connectors
- For fibre-optic LC and IP 67 connectors

IE-CT-SC-POF / IE-CT-SC-GOF-P

Crimping tools for IP 20 + IP 67 connectors



- For polymer fibre-optic SC/ST, IP 20 and IP 67 connectors
- For fibre-optic, ProfiNet, Mobil cable SC/ST and IP 67 connectors



Technical data

Tool data
Length
Weight
Note

IE-CT-SC-GOF	IE-CT-LC-GOF
250	250
730	730

IE-CT-SC-POF	IE-CT-SC-GOF-P
250	250
730	730

Ordering data

Version
Note

Type	Qty.	Order No.
IE-CT-SC-GOF	1	9205320000
IE-CT-LC-GOF	1	9205330000

Type	Qty.	Order No.
IE-CT-SC-POF	1	9205340000
IE-CT-SC-GOF-P	1	9205350000

Accessories

Note

Type	Qty.	Order No.
IE-CT-LC-GOF	1	9205290000
IE-CT-LC-GOF	1	9205280000

A large selection of plugs and connectors can be found in our current Industrial Ethernet Catalogue

Type	Qty.	Order No.
IE-CT-LC-POF	1	9205300000
IE-CT-LC-GOF-P	1	9205310000

A large selection of plugs and connectors can be found in our current Industrial Ethernet Catalogue

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts

HTX-IE-POF



- Only one tool needed for all SC-RJ plug processing steps
- For processing 1 mm thick polymer optical fibres, especially for the PROFINET and ETHERNET/IP-SC-RJ connectors
- For stripping Duplex polymer optical fibres
- The plug is crimped and the polymer optical fibres are separated, all in a single step
- Cut surfaces do not need to be polished after cutting
- Locator for precise positioning of the SC-RJ plugs
- Ergonomic handles
- High repeat accuracy

Three steps to produce IP 67 connectors:

- 1) Strip the Duplex polymer optical fibres
- 2) Crimp and separate
- 3) Crimp the strain relief

Technical data

Description of contact	
Type of contact	
Tool data	
Length	mm
Weight	g
Note	

HTX-IE-POF	
For 1 mm thick polymer optical fibres	
Length	220
Weight	450
Note	

Ordering data

Version	
Note	

Type	Qty.	Order No.
HTX-IE-POF	1	1208870000
Note		

Crimping tools for other contacts

Crimping tool for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With locator for exact positioning of the contacts

CTF PV WM4

1.5...6 mm²

- For Weidmüller WM4 photovoltaic connectors and similar plugs
- For Multi-Contact MC4 1.5 mm² to 6 mm² and similar plugs
- For Hirschmann SunCon 4 mm² and similar plugs



CTX PV

2.5...6 mm²

- For solar contacts from Tyco Solarlok, 2.5 mm², 4 mm² and 6 mm², and similar plugs
- For Multi-Contact MC3, 2.5 mm², 4 mm² and 6 mm², and similar plugs



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

CTF PV WM4		
F-plug / -sleeve		
Crimping range	2.5...6	
Length	250	
Weight	730	

Type	Qty.	Order No.
CTF PV WM4	1	1222870000

CTX PV		
Turned contacts		
Crimping range	4...6	
Length	250	
Weight	730	

Type	Qty.	Order No.
CTX PV	1	1249710000

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation

HTG174 / HTX138 / HTX188



For coaxial connectors such as BNC, TNC and N plugs

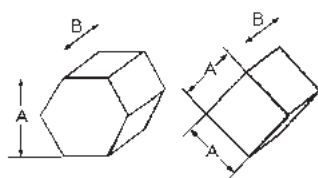
- **HTX 138**
For connectors on Twinax coaxial cable

HTG 58 / HTG 59 / HTG 58/59



For coaxial connectors such as BNC and TNC plugs

- With RG 58, RG 59, RG 62, RG 71, ... cables



A = Width across flats
B = Crimping width
C = Ø Outer sleeve of coaxial plug
D = Ø Centre contact



Technical data

Description of contact	
Type of contact	
Station 1: A / B	mm
Station 2: A / B	mm
Station 3: A / B	mm
C	mm
D	mm
Tool data	
Length	mm
Weight	g
Note	

HTG 174	HTX 138	HTX 188
Coaxial connector	Coaxial connector	Coaxial connector
4.52 / 10	8.24 / 10	3.25 / 10
1.72 / 2.3	1.72 / 2.3	1.72 / 2.3
5.4	9.5	3.8
2	2	2
200	200	200
420	420	420

HTG 58	HTG 58/59	HTG 59
Coaxial connector	Coaxial connector	Coaxial connector
5.4 / 10	5.4 / 10	6.48 / 10
1.72 / 2.3	6.48 / 10	1.72 / 2.3
	1.72 / 2.3	
6.2	6.2	7.5
2	2	2
200	200	200
420	420	420

Ordering data

Version
Note

Type	Qty.	Order No.
HTG 174	1	9012410000
HTX 138	1	9012400000
HTX 188	1	9011990000

Type	Qty.	Order No.
HTG 58	1	9012000000
HTG 58/59	1	9012020000
HTG 59	1	9012010000

Crimping tools for other contacts

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation

CTX 500 / 501 / 502



For coaxial connectors such as BNC, TNC and N plugs with coaxial cable

HTF SUB-D



For SUB-D contacts with open crimping claw

- ~AWG 28...20



Technical data

Description of contact	
Type of contact	
Station 1: A / B	mm
Station 2: A / B	mm
Station 3: A / B	mm
C	mm
D	mm
Tool data	
Length	mm
Weight	g
Note	

CTX 500	CTX 501	CTX 502
Coaxial connector	Coaxial connector	Coaxial connector
10.54 / 12	10.9 / 12	9.3 / 12
2.54 / 3.17	2.45 / 3.17	1.75 / 2.3
12.2	12.6	10.7
2.9	2.8	2
250	250	250
730	730	730

HTF SUB-D		
SUB-D		
200		
438		

Ordering data

Version
Note

Type	Qty.	Order No.
CTX 500	1	9006320000
CTX 501	1	9006370000
CTX 502	1	9006380000

Type	Qty.	Order No.
HTF SUB-D	1	9013260000

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts
- Contact and insulation are crimped in one step

HTF RSV 12 / HTF RSV 16

0.14...2.5 mm²

HTF RSV 16

- ~AWG 26...16

HTF RSV 12

- ~AWG 14...12



HTF ZRV / HTF DFF / HTF AFK 2.5

0.2...2.5 mm²

HTF DFF

For contacts from the Weidmüller DFF series

- ~AWG 24...14
- 0.22...2.5 mm²

HTF ZRV

For contacts from the Weidmüller ZRV contact system and for MKF flat contacts from Grote & Hartmann and similar designs

- ~AWG 24...17
- 0.2...1.0 mm²

HTF AFK 2.5

For FEKO ZRV contacts from Weidmüller's ZRV contact system or AFK contacts from Grote & Hartmann and similar designs

- ~AWG 24...12
- 0.2...2.5 mm²



Technical data

Description of contact	
Type of contact	
Crimping range	AWG
Crimping range 1 (with multiple crimping positions)	AWG
Crimping range 2 (with multiple crimping positions)	AWG
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

HTF RSV 16	HTF RSV 16 WI
RSV and DSTV-HD	RSV and DSTV-HD
14...12	26...16
14	26...24
12	22...20
	22...20
	18...16
Tool data	
205	205
445	445
Note	

Type	Qty.	Order No.
HTF RSV 12	1	9013550000
HTF-RSV 12 ZERT	1	9017890000
HTF RSV 16 WI	1	9013560000
HTF RSV 16 ZERT	1	9017880000
Note		

HTF ZRV	HTF DFF	HTF AFK 2.5
Weidmüller ZRV	Weidmüller DFF	Weidmüller FEKO ZRV
0.2...1	0.22...2.5	0.2...2.5
0.2...0.35	0.22...0.35	0.2...3.5
0.5...1	0.5...1	0.5...1
	1.5...2.5	1.5...2.5
Tool data		
200	205	200
436	445	438
Note		

Type	Qty.	Order No.
HTF ZRV	1	9014840000
HTF DFF	1	9014140000
HTF AFK 2.5	1	9201040000
Note		

Pressing tools

Pressing tools

- Pressing tool for modular plug connectors of the WE system (Western Electric and DEC)
- Ratchet for precise crimping
- Release option in the event of incorrect operation

3 functions:

- Pressing of plug connectors
- Pressing of enclosure shielding
- Crimping of cable shielding

TT 8 GH



For 8-pole (RJ 45) shielded plugs (Hirose) for shielded data cables

- AWG 28...24

TT 8 RS MP 8



For 8-pole shielded RJ 45 plugs

- AWG 27...24

Pressing of IDC contacts



Pressing of shielded enclosures



Crimping of shielded cable



Technical data

Description of contact	
No. of poles	
Tool data	
Length	mm
Weight	g
Note	

TT 8 GH		
No. of poles	8	
Length	260	
Weight	750	

TT 8 RS MP 8		
No. of poles	8	
Length	255	
Weight	1.251	

Ordering data

Version	
Note	

Type	Qty.	Order No.
TT 8 GH	1	9005640000

Type	Qty.	Order No.
TT 8 RS MP 8	1	9202800000

A large selection of RJ 45 connectors can be found in our current Industrial Ethernet Catalogue

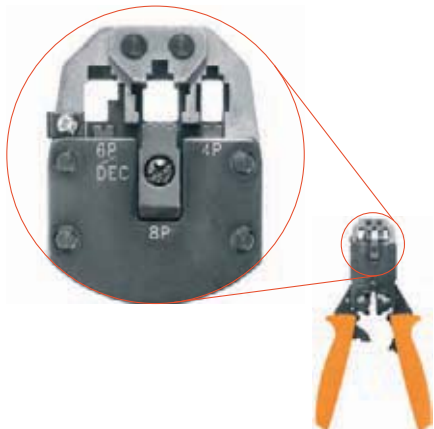
Pressing tools

- Pressing tool for modular plug connectors of the WE system (Western Electric and DEC)
- Ratchet for precise crimping
- Release option in the event of incorrect operation

3 functions:

- Cutting
- Stripping
- Crimping

TT 864 RS WE



For up to 8-pole flat ribbon or flat-oval data cables

- AWG 28...24
- Connection of:
 - 4-pole WE plugs
 - 6-pole (RJ12) WE plugs
 - 6-pole WE plugs (DEC)
 - 8-pole (RJ45) WE plugs
- Triple crimping for RJ45
- For AMP plugs or versions with similar design
- Other versions on request



Technical data

Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version

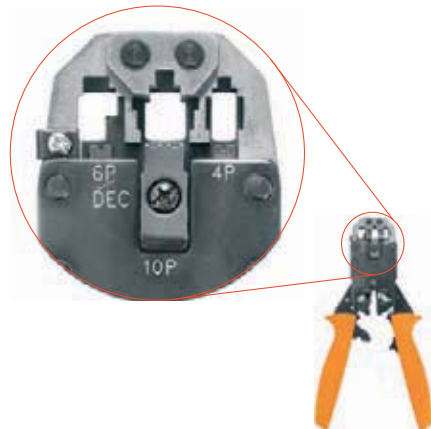
Note

Accessories

Type

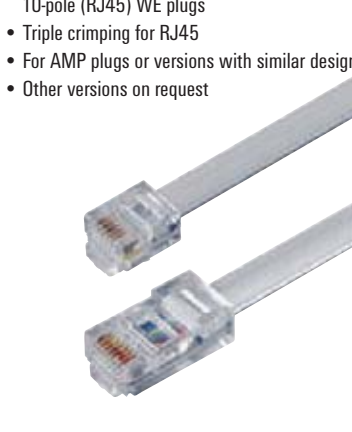
Note

TT 1064 RS WE



For up to 10-pole flat ribbon or flat-oval data cables

- AWG 28...24
- Connection of:
 - 4-pole WE plugs
 - 6-pole (RJ12) WE plugs
 - 6-pole WE plugs (DEC)
 - 10-pole (RJ45) WE plugs
- Triple crimping for RJ45
- For AMP plugs or versions with similar design
- Other versions on request



TT 1064 RS	
205	
531	

Type	Qty.	Order No.
TT 1064 RS	1	9008190000

Type	Qty.	Order No.
REPLACEMENT BLADE SET TT864	1	9008130000

Crimping tools for connectors

Crimping tools for connectors

- For insulated and uninsulated cable lugs and connectors
- Mechanical function ensures safe and manageable operations under different environmental conditions
- Precision engineering means a high pressing force with little physical effort
- Fast feed helps pre-centring and extraction of the connecting parts
- Ratchet for high-quality, flawless crimping
- Release option in the event of incorrect operation
- Comprehensive range of standard-compliant crimp inserts

MTR 35 / MTR 110

6...120 mm²

- ~AWG 16...0000
- Tubular cable lugs from 6...120 mm²
- Rolled CU connectors from 6...70 mm²
- Wire-end ferrules from 25...95 mm²
- Retractable head for easy withdrawal of crimped connection



MTR 160 / MTR 300

10...300 mm²

- ~AWG 8...
- Tubular cable lugs from 10...300 mm²
- Rolled CU connectors from 10...150 mm²
- Retractable head for easy withdrawal of crimped connection (MTR 300 only)

MTR 300

Turntable presses: 25...240 sm; 35...240 se

Technical data

Description of contact	
Pressing force / Deviation	kN/mm
Crimping range for copper connector (rolled)	mm ²
Crimping range for copper tube connector	mm ²
Crimping range for insulated connectors	mm ²
Crimping range of wire end ferrule	mm ²
Tool data	
Length / Weight	mm/kg
Note	

MTR 35	MTR 110
25 / 8	55 / 10
6...35	6...70
6...50	10...120
10...25	10...35
25...50	70...95
270 / 1.3	420 / 2
For more details see crimp inserts on the following pages	

MTR 160	MTR 300
100 / 16	100 / 16
10...150	10...150
	10...300
	10...120
540 / 4	540 / 4
For more details see crimp inserts on the following pages sm: sector conductor stranded; se: sector single conductor	

Ordering data

Version
Note

Type	Qty.	Order No.
MTR 35	1	9017500000
MTR 35 ZERT	1	9017470000
MTR 110	1	9018020000
MTR 110 ZERT	1	9017490000

Type	Qty.	Order No.
MTR 160	1	9017250000
MTR 160 ZERT	1	9017850000
MTR 300	1	9021390000
MTR 300 ZERT	1	9017860000

Accessories

Note

Type	Qty.	Order No.
MTR 35	1	9017840000
MTR 110	1	9018040000
Crimping inserts see on the following pages		

Type	Qty.	Order No.
MTR 160	1	9017270000
MTR 300	1	9021420000
Crimping inserts see on the following pages		

MTR 35

	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors DIN 46235				
	6	5	5,5	9017550000
	10	6	5,5	9017560000
	16	8	5,5	9017570000
	25	10	5,5	9017580000
	35	12	5,5	9017590000
	50	14	5,5	9017760000

	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
Die sets for aluminium tube cable lugs and connectors DIN 46329				
	25	12	7,0	9017600000
	35	14	7,0	9017610000

	Cross-section [mm ²]	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors standard types			
	6	6,0	9017770000
	10	6,0	9017620000
	16	6,0	9017630000
	25	6,0	9017640000
	35	6,0	9017650000
	50	6,0	9017660000

	Cross-section [mm ²]	Order No.
Stamp and dies for copper cable lugs and connectors, DIN 46234, DIN 46230		
	Stamp	
	6-35	9017670000
	Die	
	6	9017680000
	10	9017690000
	16	9017700000
	25	9017710000
	35	9017720000
with control mark		

	Cross-section [mm ²]	Order No.
Die sets for insulated cable lugs and connectors, DIN 46231, 46237		
	10	9017990000
	16	9018000000
	25	9018010000

	Cross-section [mm ²]	Order No.
Stamp and dies for wire end ferrules		
Stamp	25-50	9017970000
Die	25	9017740000
Die	35	9017750000
Die	50	9017540000

MTR 110

	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors DIN 46235				
	10/70	6/16	5,5	9018100000
	16/35	8/12	5,5	9018110000
	25/50	10/14	5,5	9018120000
	95	18	5,5	9018130000
	120	20	5,5	9018140000

	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
Die sets for aluminium tube cable lugs and connectors DIN 46329				
	16/35	10/14	7,0	9018800000
	25/50	12/16	7,0	9018810000
	70	18	7,0	9018820000

	Cross-section [mm ²]	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors standard types			
	10/70	7,0	9018400000
	16/35	7,0	9018410000
	25/50	7,0	9018420000
	95	5,5	9018430000
	120	5,5	9018440000

	Cross-section [mm ²]	Order No.
Stamp and dies for copper cable lugs and connectors, DIN 46234, DIN 46230		
	Stamp	
	6-70	9018500000
	4-way die	
	10/16/25/35	9018600000
	16/25/35/50	9018610000
	2-way die	
	6/50	9018620000
	10/70	9018630000
	Single die	
	70	9018640000
with control mark		

	Cross-section [mm ²]	Crimping width [mm]	Order No.
Die sets for insulated cable lugs and connectors, DIN 46231, 46237			
	10	7,0	9018700000
	16	8,0	9018710000
	25	9,0	9018720000
	35	9,5	9018730000
Oval crimp with control mark Crimping insert with spring-mounted locator			
Prerounding die sets Cu/Al for sector cable			
	25/50	12	9018450000
	35/70	12	9018460000
	95	12	9018470000

	Cross-section [mm ²]	Order No.
Die sets for wire end ferrules		
	Pair of dies	
	70	9023360000
	95	9023370000

MTR 160

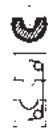
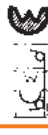
	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors DIN 46235				
	10	6	7,0	9020900000
	16	8	7,0	9020910000
	25	10	7,0	9020920000
	35	12	7,0	9020930000
	50	14	7,0	9020940000
	70	16	7,0	9020950000
	95	18	7,0	9020960000
	120	20	7,0	9020970000
	150	22	7,0	9020980000
	185	25	7,0	9020990000
	240	28	7,0	9021000000

MTR 300

	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors DIN 46235				
	10	6	7,0	9021430000
	16	8	7,0	9021440000
	25	10	7,0	9021450000
	35	12	7,0	9021460000
	50	14	7,0	9021470000
	70	16	7,0	9021480000
	95	18	7,0	9022290000
	120	20	7,0	9022300000
	150	22	7,0	9022310000
	185	25	7,0	9022320000
	240	28	7,0	9022330000
	300	32	7,0	9022340000

	Cross-section [mm ²]	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors standard types			
	10/25	9,8	9021750000
	16/35	9,8	9021760000
	50	8,0	9021770000
	70	8,0	9021780000
	95	8,0	9021790000
	120	8,0	9021800000
	150	8,0	9021810000
	185	8,0	9021820000
	240	8,0	9021830000

	Cross-section [mm ²]	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors standard types			
	10/25	9,8	9024010000
	16/35	9,8	9024400000
	50	8,0	9024410000
	70	8,0	9024420000
	95	8,0	9024430000
	120	8,0	9025210000
	150	8,0	9025220000
	185	8,0	9025230000
	240	8,0	9028020000

	Cross-section [mm ²]	Order No.
Die sets for insulated cable lugs and connectors, DIN 46234, DIN 46230		
	10	9021300000
	16	9021310000
	25	9021320000
	35	9021330000
	50	9021340000
	70	9021350000
	95	9021360000
	120	9021370000
	150	9021380000
	with control mark	

	Cross-section [mm ²]	Order No.
Stamp and dies for copper cable lugs and connectors, DIN 46234, DIN 46230		
	2-way die	
	16/35	9022360000
	10/70	9022350000
	25/50	9022370000
	Stamp	
	10 - 70	9022990000
	Single die	
	95	9022380000
	120	9022390000
	150	9022400000
	Stamp	
	95-150	9023110000

	Cross-section [mm ²]	Order No.
Die sets for insulated cable lugs and connectors, DIN 46231, 46237		
	10	9016180000
	16	9016190000
	25	9016200000
	35	9016210000
	50	9016220000
	70	9016230000
	95	9016240000
	120	9016250000

	Prerounding die sets Cu/Al for sectioned cable	Order No.
	25 sm/35 se	9016260000
	35 sm/50 se	9016270000
	50 sm/70 se	9016280000
	70 sm/95 se	9016290000
	95 sm/120 se	9016370000
	120 sm/150 se	9016380000
	150 sm/185 se	9016390000
	185 sm/240 se	9016440000

Incision tool for twisted-pair cable

For connecting twisted-pair cable to terminal rails with IDC contacts e.g. in main and floor distributors, and in modular wall junction boxes for structured building cabling.

PDT



The punch-down tool has the following features:

- Mechanics made from metal components
- Adjustable pressing force for conductor sizes AWG 20 to AWG 28
- Different blades for connector blocks of type 110 from AT&T, type 66, type LSA Plus from Krone (Standard and scissors cutting function) as well as for telephone outlets 630A6
- Incision blades with 2 functions: incision or incision with cutting off of remaining conductor
- Storage compartment for one blade

A = PD blade 110

B = PD blade 66

C = PD blade 630

D = PD blade Krone LSA (standard)

E = PD blade Krone LSA (scissor)



Technical data

Length / Width / Height	mm
Weight	g
Note	

Ordering data

Version

Note

Accessories

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Note

PUNCH DOWN TOOL PDT

160 / 37 / 29

142

Type	Qty.	Order No.
PUNCH DOWN TOOL PDT	1	9013970000
(without blade)		

Type	Qty.	Order No.
PD blade Krone LSA Plus (scissor)	1	9014050000
PD blade 110	1	9013960000
PD blade 630	1	9013990000
PD blade 66	1	9013980000
PD blade Krone LSA Plus (standard)	1	9014000000

Disconnect

Removal Tool CM3, CM5, HD**CM3 Removal Tool**

Contact release tool for freeing crimp contacts in the Concept CM3 module

CM5 Removal Tool

Contact release tool for freeing crimp contacts in the Concept CM5 module

HD Removal Tool

Contact release tool for freeing crimp contacts in the Concept CM10 module

Ordering data

Type	Qty.	Order No.
REMOVAL TOOL HD	1	1866730000
Removal Tool CM 3	1	1866710000
Removal Tool CM 5	1	1866720000

**Removal Tool CM20**

Contact release tool for freeing crimp contacts in the Concept CM20 module

Ordering data

Type	Qty.	Order No.
Removal Tool CM 20	1	1866740000

**Removal Tool HE**

Contact release tool for the ConCept HE module and for releasing crimp contacts in the ConCept CM4 module

Ordering data

Type	Qty.	Order No.
Removal Tool HE	1	1866750000

**HDC-DW RSV 1.6**

Contact release tool for the ConCept module, or for dismantling stamped HD pin and socket contacts of type CB/CS and GB/GS

Ordering data

Type	Qty.	Order No.
DW RSV 1.6	1	9004530000

**DFF-C**

Disengaging tool for removing crimp contacts clipped in BLAC enclosures

Ordering data

Type	Qty.	Order No.
DFF-C ENTRIEGELUNGSWZ.	1	9014210000

**Removal Tool AFK**

Contact release tool for removing FEKO ZRV contacts.

Ordering data

Type	Qty.	Order No.
Removal Tool AFK	1	1866760000



Replacement sleeve for contact release tool**Ordering data**

Type	Qty.	Order No.
HÜLSE REMOVAL TOOL HD	5	1044100000
HÜLSE REMOVAL TOOL CM 3	5	1044080000
HÜLSE REMOVAL TOOL CM 5	5	1044090000



Tools for polymer optical fibre

HTX-HDC/POF

POF crimping

Crimping of „polymer optical fibre“ (POF) fibre-optical contacts.

- For plug and socket
- Ratchet for precise crimping
- Unlocks in case of incorrect operation
- Locator for precise contact positioning

Contacts:

- Fibre-optic cable HD contact socket for Ø 1.0 mm POF
- Fibre-optic cable HD contact pin for Ø 1.0 mm POF

Ordering data

Type	Qty.	Order No.
HTX-HDC/POF	1	9010950000

Technical data

Length	200 mm
Weight	438 g



PB LWL/POF / PS LWL/POF

POF polishing

For processing the cut surface of fibre-optic cables with polymer optical fibre (POF)

- Buffing disc (PS LWL/POF)
- Buffing sheet (PB LWL/POF)

Ordering data

Type	Qty.	Order No.
PB LWL/POF	1	9020400000
PS LWL/POF	1	9020390000



AM LWL/POF

POF stripping

Stripping fibre-optic cables. Fibre-optic cables with polymer optical fibre (POF).

- Longitudinal stop with scale is built into the tool
- Stripping direction is lengthwise to the fibre
- No damage to the optical fibre

Ordering data

Type	Qty.	Order No.
AM LWL/POF	1	9020360000



LWL-stripax

Stripping and cutting tool for plastic fibre-optic cables with 1 mm diameter inner conductor

- Stripping length adjustable via end stop
- Automatic opening of the clamping jaws after stripping

Ordering data

Type	Qty.	Order No.
M-D-STRIPAX LWL	1	9003750000



Technical data

Max. stripping performance	
Cable type	
Conductor diameter	–
Stripping length, max.	–
Tool data	
Length	mm
Weight	g
Note	

M-D-STRIPAX LWL	
POF conductor with an inner conductor of 1 mm Ø	
...1	
7.5	
135	
110	
POF: polymer optical fibre	

Cable tie tools

RT 1



For plastic cable ties with widths of 2.5...4.8 mm and a thickness of up to 1.6 mm.

- Tensioning and separating of cable ties in one step
- The tensioning force can be adjusted over a wide range to cover small to standard cable ties.
- For cable bundles of 1.6 mm to 100 mm diameter



Technical data

Length	mm
Weight	g
Note	

Ordering data

Version

Note

KABELBINDERZANGE RT-1		
	160	
	260	

Type	Qty.	Order No.
KABELBINDERZANGE RT-1	1	1296000000
For detailed information, refer to cable ties in the „Identification systems“ catalogue.		

WSM Tool



For steel cable ties with a width of 4.6 mm

- Tensioning and automatic separation of projecting cable ties in one step
- For steel cable ties, e.g., Weidsteel from Weidmüller



WSM TOOL AUTOMATIK		
	275	
	579	

Type	Qty.	Order No.
WSM TOOL AUTOMATIK	1	1774470000

Cable tie tools

Cable tie tools

WSM Tool



For steel cable ties with a width of 4.6 mm

- For tightening the steel cable ties; the cable tie can then be positioned by turning 90°.



Technical data

Length	mm
Weight	g
Note	

Ordering data

Version
Note

WSM TOOL MANUELL		
	220	
	633	

Type	Qty.	Order No.
WSM TOOL MANUELL	1	1774480000

Pliers

Pliers	Introduction	E.2
	VDE-insulated combination pliers	E.3
	VDE-insulated diagonal-cutting pliers	E.4
	VDE-insulated telephone pliers	E.5
	VDE-insulated flat- and round-nose pliers	E.6
	ESD pliers	E.7

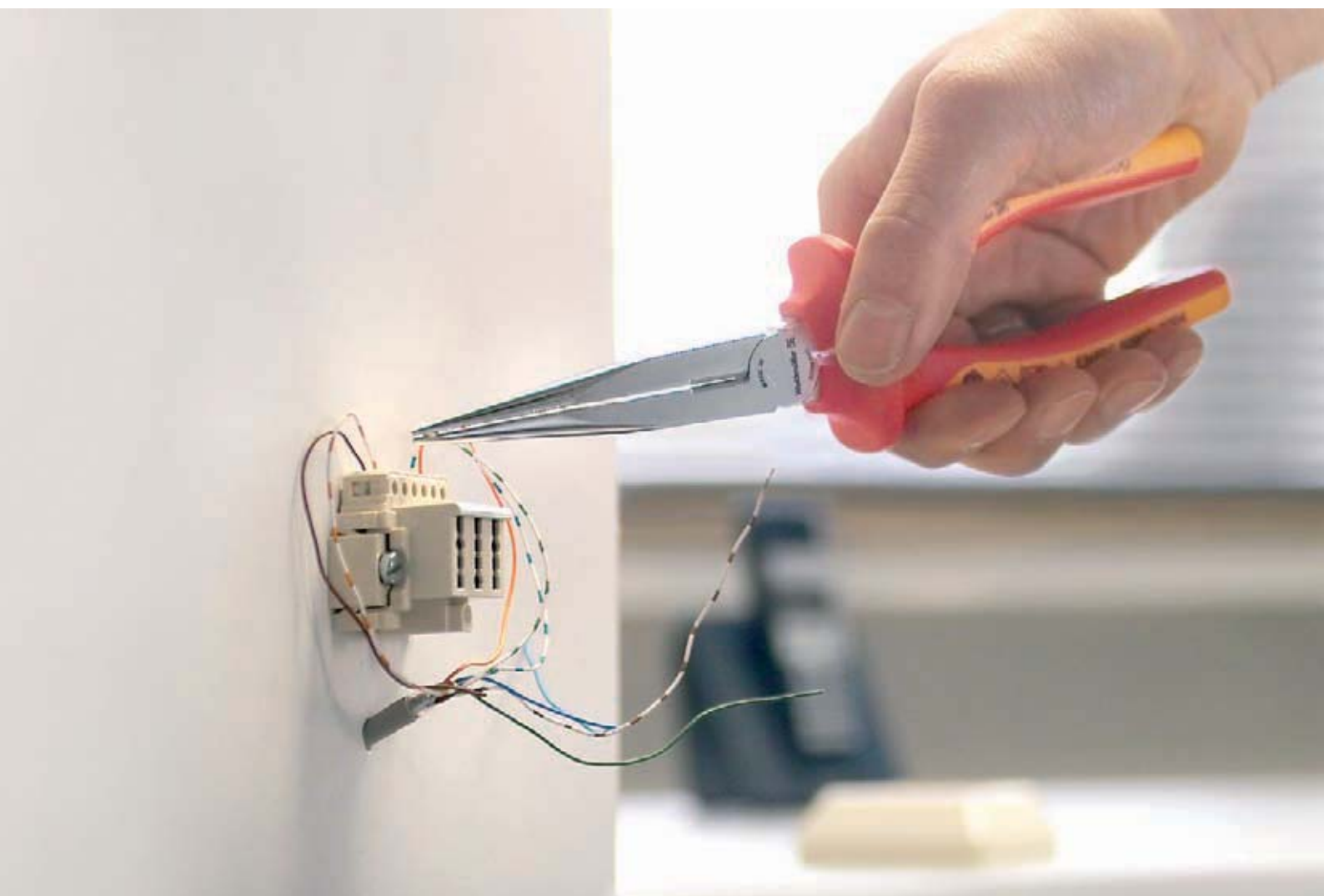
Pliers

Working on live systems calls for special safety procedures and special tools that have been specially produced and tested for such applications.

Weidmüller can provide users with a complete range of pliers which comply with national and international testing standards.

All Weidmüller pliers are produced and tested to DIN EN 60900.

Their ergonomic design fits snugly in the hand, resulting in a more natural, non-fatiguing hand position so you don't catch your fingers.



VDE-insulated combination pliers

Up to 1,000 V (AC) and 1,500 V (DC)

Protective insulation according to IEC 900, DIN EN 60900

- Drop-forged from high-quality special tool steels
- Safety handles with ergonomic and non-slip TPE VDE sleeve
- Made from shockproof, heat- and cold-resistant, non-flammable, cadmium-free TPE (thermoplastic elastomer)
- Elastic grip zone and hard core
- Highly-polished surface
- Nickel-chromium electro-galvanised coating protects against corrosion

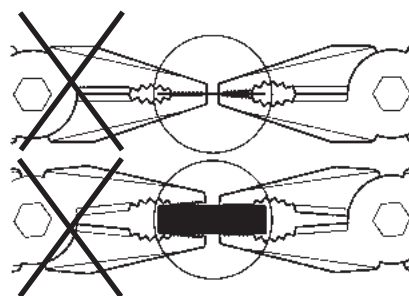
KBZ 160 / KBZ 180 / KBZ 200

Combination pliers



Combination pliers acc. to DIN ISO 5746

- With opening gap (see diagram)
- Films and metal sheets up to a thickness of 2.5 mm are gripped with the tip
- Up to a thickness of 2.5 mm, the gripping force pulls the workpiece towards the joint
- Extra-long cutter for ribbon and round cables
- For cutting soft and hard wires
- Cutting edges inductively hardened to approx. 60 HRC



Technical data

Cutting performance	
Conductor diameter, max. (H)	mm
Conductor diameter, max. (MH)	mm
Tool data	
Cutter hardness	-
Total length	mm
Weight	g
Note	

Ordering data

Version
Note

KBZ 160	KBZ 180	KBZ 200
1.8	2.5	2.5
2.5	2.8	3
60	60	60
160	180	200
230	290	362
(MH) medium-hard wire; (H) hard wire; (P) piano wire		

Type	Qty.	Order No.
KBZ 160	1	9046280000
KBZ 180	1	9046290000
KBZ 200	1	9046300000

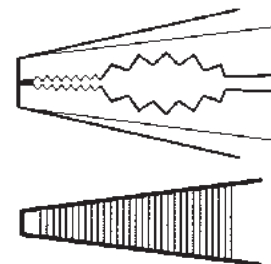
KBZI 200

Heavy-duty combination pliers (telephone pliers)



Telegraph pliers (combination pliers) acc. to DIN 5746

- Heavy-duty model for demanding requirements
- Extra-long cutter for ribbon and round cables
- For cutting soft and hard wires
- Cutting edges inductively hardened to approx. 60 HRC



KBZI 200
2.5
3
60
200
412
(MH) medium-hard wire; (H) hard wire; (P) piano wire

Type	Qty.	Order No.
KBZI 200	1	9046430000

VDE-insulated diagonal-cutting pliers

VDE-insulated diagonal-cutting pliers

Up to 1,000 V (AC) and 1,500 V (DC)

Protective insulation according to IEC 900, DIN EN 60900

- Drop-forged from high-quality special tool steels
- Safety handles with ergonomic and non-slip TPE VDE sleeve
- Made from shockproof, heat- and cold-resistant, non-flammable, cadmium-free TPE (thermoplastic elastomer)
- Elastic grip zone and hard core
- Highly-polished surface
- Nickel-chromium electro-galvanised coating protects against corrosion

KSE 160 / KSE 200 / SE TOP

Professional diagonal-cutting pliers for piano wire



Diagonal-cutting pliers acc. to DIN ISO 5749

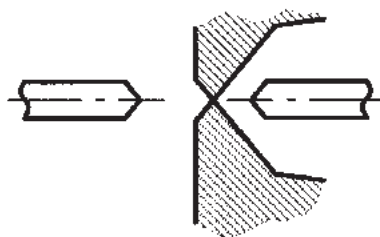
- Cutting edges inductively hardened to approx. 64 HRC
- For cutting soft wires and piano wire

KSE 160 - KSE 200

- Optimised transmission of force
- Optimised precision cutting edge

SE TOP

- With inlaid joint
- Extra-fine precision cutting edge



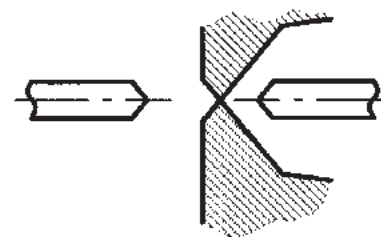
SE HD 140 / SE HD 160 / SE HD 180

Diagonal-cutting pliers for hard wire



Diagonal-cutting pliers acc. to DIN ISO 5749

- With inlaid joint
- With precision cutting edges
- Cutting edges inductively hardened to approx. 62 HRC
- Special tool for steel



Technical data

Cutting performance	
Conductor diameter, max. (H)	mm
Conductor diameter, max. (MH)	mm
Conductor diameter, max. (P)	mm
Tool data	
Cutter hardness	-
Total length	mm
Weight	g
Note	

KSE 160	KSE 200	SE TOP
2.5	3	2.5
3.5	4.2	3.5
2	2.5	2
64	64	64
160	200	160
243	325	251
(MH) medium-hard wire; (H) hard wire; (P) piano wire		

SE HD 140	SE HD 160	SE HD 180
2	2.3	3
2.8	3	3.8
1.4	1.6	1.8
62	62	62
140	160	180
203	253	291
(MH) medium-hard wire; (H) hard wire; (P) piano wire		

Ordering data

Version
Note

Type	Qty.	Order No.
KSE 160	1	9046410000
KSE 200	1	9046420000
SE TOP	1	9046340000

Type	Qty.	Order No.
SE HD 140	1	9046310000
SE HD 160	1	9046320000
SE HD 180	1	9046330000

VDE-insulated telephone pliers

Up to 1,000 V (AC) and 1,500 V (DC)

Protective insulation according to IEC 900, DIN EN 60900

- Drop-forged from high-quality special tool steels
- Safety handles with ergonomic and non-slip TPE VDE sleeve
- Made from shockproof, heat- and cold-resistant, non-flammable, cadmium-free TPE (thermoplastic elastomer)
- Elastic grip zone and hard core
- Highly-polished surface
- Nickel-chromium electro-galvanised coating protects against corrosion

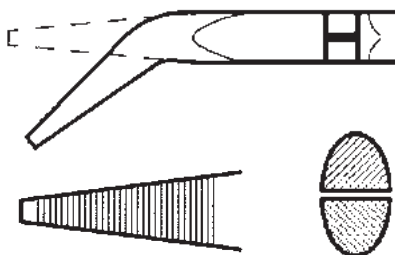
FRZ SG 160 / FRZ SG 200

Bent half-round-nose pliers with cutter (telephone pliers)



**Bent telephone pliers with cutter
acc. to DIN ISO 5745**

- Half-rounded jaws
- Serrated gripping surfaces
- Tip bent at 45°
- Cutting edges inductively hardened to approx. 60 HRC
- Special tool for steel

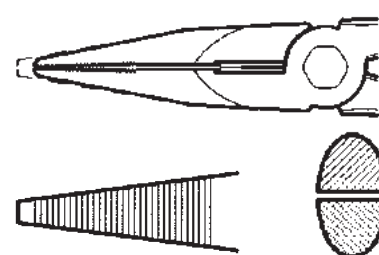
**FRZ S 160 / FRZ S 200**

Half-round-nose pliers with cutter (telephone pliers)



Telephone pliers with cutter to DIN ISO 5745

- Half-rounded jaws
- Serrated gripping surfaces
- Cutting edges inductively hardened to approx. 60 HRC
- Special tool for steel

**Technical data**

Cutting performance	
Conductor diameter, max. (H)	mm
Conductor diameter, max. (MH)	mm
Tool data	
Cutter hardness	-
Total length	mm
Weight	g
Note	

FRZ SG 160	FRZ SG 200
1.6	1.8
2.5	2.8
60	60
160	200
162	207
(MH) medium-hard wire; (H) hard wire; (P) piano wire	

FRZ S 160	FRZ S 200
1.6	1.8
2.5	2.8
60	60
160	200
170	224
(MH) medium-hard wire; (H) hard wire; (P) piano wire	

Ordering data

Version
Note

Type	Qty.	Order No.
FRZ SG 160	1	9046390000
FRZ SG 200	1	9046400000

Type	Qty.	Order No.
FRZ S 160	1	9046370000
FRZ S 200	1	9046380000

VDE-insulated flat- and round-nose pliers

VDE-insulated flat- and round-nose pliers

Up to 1,000 V (AC) and 1,500 V (DC)

Protective insulation according to IEC 900, DIN EN 60900

- Drop-forged from high-quality special tool steels
- Safety handles with ergonomic and non-slip TPE VDE sleeve
- Made from shockproof, heat- and cold-resistant, non-flammable, cadmium-free TPE (thermoplastic elastomer)
- Elastic grip zone and hard core
- Highly-polished surface
- Nickel-chromium electro-galvanised coating protects against corrosion

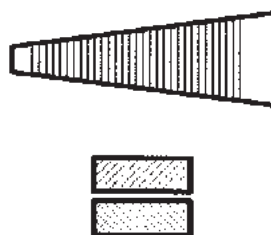
FZ 160

Flat-nose pliers



Flat-nose pliers acc. to DIN ISO 5745

- Serrated gripping surface
- With long jaw



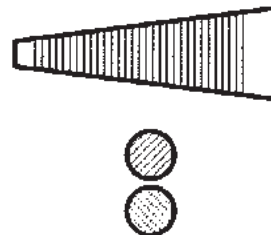
RZ 160

Round-nose pliers



Round-nose pliers acc. to DIN ISO 5745

- Serrated gripping surface
- With long jaw



Technical data

Tool data	
Total length	mm
Weight	g
Note	

160
163

160
153

Ordering data

Version
Note

Type	Qty.	Order No.
FZ 160	1	9046350000

Type	Qty.	Order No.
RZ 160	1	9046360000

ESD pliers

Weidmüller ESD pliers can be used with precision and safety when working with sensitive electronics. Electrostatic charging is prevented by the special material on the handle.

Electrostatic discharges (ESD) present a danger to electronics that should not be underestimated. The transferral or discharge of an electrostatic charge can cause significant damage. Charges smaller than 100 volts can cause damage to sensitive components. However, ESD with voltages under 2,000 volts can not be felt by humans. When working with components which are particularly sensitive to electrostatic discharges therefore, you need an electrostatic-free work environment and the properly designed tools.

The ESD pliers are particularly suited for use with electronics, including electronic switches and components, as well as with precision mechanics. All pliers feature an ESD-protected, two-coloured, double-component plastic hand grip. The grip material complied with all of the requirements for ESD hand-tool protection for working with ESD-sensitive components.

The 120 mm-long ESD pliers are available individually or as part of a four-piece set: diagonal-cutting pliers, angle-cutting pliers, with pointed head, flat-nose pliers and snipe-nosed pliers. ESD pliers are not appropriate for working with live components or component assemblies.



ESD pliers

SEE ESD 120**Electronic ESD diagonal-cutting pliers with pointed head**

- Hard wire (spring wire/steel nails):
0.4 mm/AWG 26
- Semi-hard wire (iron/nails):
1.0 mm/AWG 18
- Soft wire (copper/aluminium):
1.5 mm/AWG 15

Ordering data

Type	Qty.	Order No.
SEE ESD 120	1	9205130000

Technical data

Weight	90 g
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**SEE ESD 125****Electronic ESD diagonal-cutting pliers with oval head**

- Semi-hard wire (iron/nails):
0.8 mm/AWG 20
- Soft wire (copper/aluminium):
1.5 mm/AWG 15

Ordering data

Type	Qty.	Order No.
SEE ESD 125	1	9204750000

Technical data

Weight	90 g
--------	------

**FZE ESD 130****Electronic ESD flat-nosed pliers****Ordering data**

Type	Qty.	Order No.
FZE ESD 130	1	9204760000

Technical data

Weight	90 g
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**SZE ESD 130****Electronic ESD Snipe-nosed pliers****Ordering data**

Type	Qty.	Order No.
SZE ESD 130	1	9204770000

Technical data

Weight	90 g
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**SVSE ESD 130****Electronic ESD angle-cutting pliers**

- Hard wire (spring wire/steel nails):
0.6 mm/AWG 22
- Semi-hard wire (iron/nails):
1.0 mm/AWG 18
- Soft wire (copper/aluminium):
1.2 mm/AWG 16

Ordering data

Type	Qty.	Order No.
SVSE ESD 130	1	9205140000

Technical data

Weight	90 g
--------	------



SUPER CUT**Electronic diagonal-cutting pliers**

- Soft wire (copper):
1.2 mm/AWG 16

Ordering data

Type	Qty.	Order No.
SUPER CUT	1	9205150000

Technical data

Weight	78 g
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**KOF SET ESD****Electronic ESD case set**

Contents:

- Diagonal-cutting pliers
- Snipe-nosed pliers
- Flat-nose pliers
- Angle-cutting pliers

Ordering data

Type	Qty.	Order No.
KOF SET ESD	1	9205210000

Technical data

Weight	547 g
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Screwdrivers

Screwdrivers	Introduction – Screwdrivers	F.2
	Introduction – Electric screwdrivers	F.4
	Torque screwdriver with rechargeable battery	F.5
	Bits	F.6
	Introduction – Torque screwdrivers	F.8
	Uninsulated torque screwdriver	F.9
	VDE-insulated torque screwdriver	F.10
	Special tools SAI	F.12
	Cable gland tools	F.14
	Screwdriver with cutting adapter	F.15
	Introduction – SlimLine screwdriver	F.16
	Introduction – Screwdrivers	F.18
	VDE-insulated screwdriver	F.19
	Uninsulated screwdriver	F.21
	Weidmüller wrench set	F.23
	Pin and electrical cabinet key	F.26

Screwdrivers

Precisely the proper torque! It's indispensable when you require your work to be precise, effective and repeatable: for example when screwing in sensitive or expensive components, during assembly, final testing, or during quality inspection. This is the ideal job for Weidmüller's manual torque screwdriver with its ergonomic grip and its unique interchangeable bit system.

The Weidmüller screwdriver assortment is the perfect solution; it features the ergonomic design and versatility required for demanding professional applications. Weidmüller safeguards your safety, health, comfort and efficiency with our ergonomic design.

In order to establish secure manual screw connections, all Weidmüller screwdrivers and manual torque screwdrivers feature an advanced geometry, slip protection and a special SoftFinish® area. These qualities enable optimal handling and ensure electrical safety and hand protection even when working on the most critical and potentially dangerous applications.

Weidmüller offers a wide variety of electric screwdrivers, standard bits and innovative quick-change holders – the perfect additions to the manual torque screwdriver. They are the ideal tool for achieving a high level of repetitive accuracy, which is made possible through their ergonomic design and integrated automatic torque control which comes as standard.

Weidmüller also offers innovative solutions for special applications such as cable glands or the fastening of sensor cables.





Electric screwdrivers



Crimped conductors can be fastened in their corresponding connecting spaces either by the direct plug-in technique or by means of screws.

Electric screwdrivers / Weidmüller bits

Weidmüller **screwdrivers** are ideal for use with one hand due to their ergonomic design. They guarantee fatigue-free working whatever direction they are being used in, with an automatic torque limit and high repetition accuracy.

The Weidmüller **bits** are standard, of high quality, with a wide range to choose from and all delivering superior performance. We use processor-controlled hardening processes which guarantee consistently high product quality.

The high-grade material enables torques far above those stipulated in the relevant DIN standards:

- DIN 5261 for PH/PZ bits
- DIN 5263 for slotted bits
- Camcar standard for Torx® bits

This means long service life at high torques, producing ideal conditions for standard work.



Product benefits

- Suitable for all screw driving tasks
- Ideal for both manual and machine screw driving tasks due to the high hardness values of 59 – 61 HRC
- Good wear resistance and therefore a long service life
- Optimum fit in DIN screws for low wear and optimum torque transmission
- Manufactured with consistently high product quality based on the relevant ISO standards

Torque screwdriver with rechargeable battery

- One-hand operation under all working conditions
- Clockwise/anticlockwise
- Two speeds: 200 rpm and 400 rpm
- Precise torque pre-selection of approx. 0.3...3 Nm in 6 steps
- High production rate right up to complete discharge of the rechargeable battery
- Simple changeover from straight to pistol form
- Bit holder: 1/4" ball bearing fixing mechanism (form E6.3)
- Safety lock prevents unintentional activation
- Simple switchover from battery to manual operation up to 15 Nm

DMS 3**DMS 3 Set****Technical data**

Screwdriver	
Rated voltage	2.4 V
Idling speed	200 u. 400 min ⁻¹
Torque setting, max.	3 Nm
Bit holder	1/4" DIN 3126 Form E6.3
Length	239
Weight	400
Battery	
Rechargeable batteries	Ni-Mh cells
Weight of rechargeable battery	122 g
Charger	
Charger input	230 V AC; 50 Hz; 50 mA
Charger output	2.9 V AC; 1.4 A; 4.1 VA
Charging time	45 min
Weight of charger	700 g
Note	

2.4 V		
200 u. 400 min ⁻¹		
3 Nm		
1/4" DIN 3126 Form E6.3		
239		
400		
Ni-Mh cells		
122 g		
230 V AC; 50 Hz; 50 mA		
2.9 V AC; 1.4 A; 4.1 VA		
45 min		
700 g		

Ordering data

Version
Note

Type	Qty.	Order No.
DMS 3	1	9007440000
DMS 3 ZERT	1	9017870000
Incl. rechargeable battery		

Accessories

Note

Type	Qty.	Order No.
AKKU DMS 3	1	9007450000
LADEGERAET DMS 3	1	9007460000

level	ca. Nm LOW	ca. Nm HIGH	level	ca. Nm LOW	ca. Nm HIGH
1	0.3	0.45	4	1.0	1.15
1.1	0.35	0.5	4.1	1.1	1.25
1.2	0.45	0.6	4.2	1.2	1.3
1.3	0.5	0.65	4.3	1.3	1.4
2	0.55	0.7	5	1.35	1.45
2.1	0.6	0.75	5.1	1.45	1.5
2.2	0.65	0.8	5.2	1.5	1.6
2.3	0.7	0.85	5.3	1.6	1.7
3	0.75	0.95	6	2.5	2.5
3.1	0.8	1.0			
3.2	0.85	1.0			
3.3	0.95	1.1			

Type	Qty.	Order No.
DMS 3 set 1 (screwdriver incl. battery, charger, bits, plastic carrying case)*	1	9007470000
DMS 3 set 2 (as set 1, with 1 additional battery)	1	9007480000
Bit-Box DMS3	1	9024970000
DMS 3 set 1 Zert	1	9017450000
DMS 3 set 2 Zert	1	9017420000

*) see picture

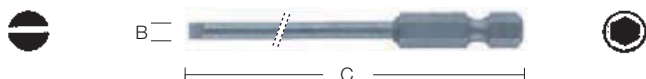
Bits

Bits drive 1/4 E6.3

1/4" hexagon drive, acc. to DIN 3126,
Shape E6.3 for direct machine connection

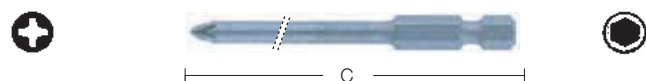
Bit E6.3 S

Slotted bits DIN 5264,
1/4" drive E6.3 DIN 3126



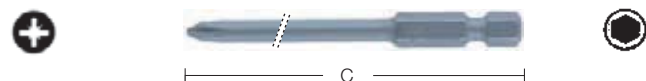
Bit E6.3 PH

Crosshead bits, Phillips-recess type PH/DIN 5260.
1/4" drive E6.3 DIN 3126



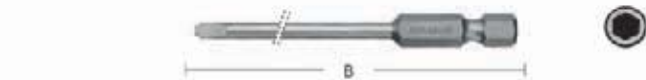
Bit E6.3 PZ

Crosshead bits, Pozidrive type PZ/DIN 5262,
1/4" drive E 6.3 DIN 3126



Bit E6.3 Z

Slotted bits with pilot tip DIN 5264,
1/4" drive E6.3 DIN 3126



Bit E6.3 T

Torx® bits,
drive 1/4" E6.3 DIN 3126



Type	Size / AF	a	b	c	Order No.
BIT E6.3 0,4x2,5x70		0.4	2.5	70	9202750000
BIT E6.3 0,5x3,0x70		0.5	3	70	9024000000
BIT E6.3 0,5X3,0X110		0.5	3	110	9205600000
BIT E6.3 0,6x3,5x70		0.6	3.5	70	9024020000
BIT E6.3 0,6X3,5X110		0.6	3.5	110	9205610000
BIT E6.3 0,6X4,5X110		0.8	4.5	110	9205630000
BIT E6.3 0,8x4,0x70		0.8	4	70	9024030000
BIT E6.3 0,8X4,0X110		0.8	4	110	9205620000
BIT E6.3 1,0x5,5x70		1	5.5	70	9024040000
BIT E6.3 1,0X5,5X110		1	5.5	110	9205640000
BIT E6.3 1,2x6,5x70		1.2	6.5	70	9202740000
BIT E6.3 1,2X6,5X110		1.2	6.5	110	9205650000

BIT E6.3 PH1x70	1	70	9024080000
BIT E6.3 PH2x70	2	70	9024090000

BIT E6.3 PZ2x70	2	70	9024110000
BIT E6.3 PZ1x70	1	70	9024100000

BIT E6.3Z 0.6X3.5X70	0.6	3.5	70	9205670000
BIT E6.3Z 0.8X4.0X70	0.8	4	70	9205660000

BIT E6.3 T15	1318350000
BIT E6.3 T20	1318370000
BIT E6.3 T40	1318380000

Bits drive 1/4 E6.3

1/4" hexagon drive, acc. to DIN 3126, shape E6.3 for direct machine connection



Type	Size / AF	a	b	c	Order No.
UBH 1/4" E6.3					
BIT C6,3 0,5x4,0x25		0.5	4	25	
BIT C6,3 0,6x4,5x25		0.6	4.5	25	
BIT C6,3 PH0x25				25	
BIT C6,3 PH1x25				25	
BIT C6,3 PH2x25				25	
BIT C6,3 PZ0x25				25	
BIT C6,3 PZ1x25				25	
BIT C6,3 PZ2x25				25	
Bit-Box WI DMS 3					9024970000

Bit box DMS3

Weidmüller bit box, 9-piece, fitted with universal holder
1/4" drive E6.3 DIN 3126; drive: 1/4" E6.3; 1/4" bits C6.3



UBH 1/4 E6.3

Short universal bit holder, magnetic
drive: 1/4" E6.3 DIN 3126, output: 1/4" E6.3



UBH 1/4 E6,3	9009520000
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UBH SWH 1/4 EC 6.3

Universal quick-change holder with locking function. True one-hand operation for quick bit changes. Drive: 1/4" E6.3 DIN 3126, output: 1/4" E6.3 + C6.3 double bits



UBH SWH 1/4 EC 6.3	9205680000
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BHS 1/4

Bit holder with flexible shank for reaching angled screws, for all bits, drive: 1/4" C6.3 DIN 3126 with SoftFinish® grip



BHS 1/4	9009630000
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DMS manual / DMSI manual

Torque screwdrivers with insulation up to 1,000 V (VDE) DMSI manual

The „DMSI manual“ with an integral window scale, combined with a Weidmüller 1,000 V insulated (VDE) interchangeable blade, ensures controlled tightening of screws and maximum reliability in electrical applications.

Every 1,000 V insulated (VDE) handle and blade is tested and provides the necessary safety up to 1,000 V AC / 1,500 V DC.



Scale



Torque screwdrivers DMS manual

This is a versatile tool suitable for a variety of jobs, with an integral scale for easy reading of the torque value and a Weidmüller interchangeable blade.

Each model is available with two torque ranges:

- 0.5 to 1.7 Nm
- 2.0 to 8.0 Nm
- setting tool included

Advantages:

- Compact and especially lightweight design
- Torque set with special tool (included) to ensure the right setting
- Ergonomic handle size to match the torque range
- Every tool checked and given an ID No., 100 % quality control with verification and product reference
- Audible, unmistakable click upon reaching the torque, no unnecessary effort
- Interchangeable blade made from high-quality wear-resistant tool steel
- All tools comply with the accuracy stipulations of: EN ISO 6798, BS EN 26789, ASME B107.14M
- Operating accuracy: ± 6 % of set scale value



Setting tool

Uninsulated torque screwdriver

DMS manual

Torque screwdriver

EN ISO 6798, BS EN 26789, ASME B107.14M



WK K S

Interchangeable bits for torque screwdriver

output acc. to DIN 5264, ISO 2380/1



WK K PZ

Interchangeable bits for torque screwdriver

output acc. to DIN 5260-PZ, ISO 8764/1-PZ



WK K PH

Interchangeable bits for torque screwdriver

output acc. to DIN 5260-PH, ISO 8764/1-PH



WGK 1/4 C6.3 E6.3

Interchangeable bit with bit holder for torque screwdrivers

Drive: 1/4" C6.3 and 1/4" E6.3



Type	Size / AF	a	b	c	Order No.
DMS MANUELL 0,5-1,7	0.5 - 1.7 Nm				9918370000
DMS MANUELL 2,0-8,0	2.0 - 8.0 Nm				9918380000

WK S 0,4x2,5	max. 0.4 Nm	0.4	2.5	175	9918520000
WK S 0,5x3,0	Max. 0.6 Nm	0.5	3	175	9918530000
WK S 0,6x3,5	Max. 1.1 Nm	0.6	3.5	175	9918540000
WK S 0,8x4,0	Max. 2.5 Nm	0.8	4	175	9918550000
WK S 1,0x5,5	Max. 3.8 Nm	1	5.5	175	9918560000

WK K PZ0	Max. 9 Nm	175	9918600000
WK K PZ1	Max. 3.8 Nm	175	9918610000
WK K PZ2	Max. 5.5 Nm	175	9918620000

WK K PH0	Max. 9 Nm	175	9918570000
WK K PH1	Max. 3.8 Nm	175	9918580000
WK K PH2	Max. 5.5 Nm	175	9918590000

WK 1/4" C6,3 E6,3	9202510000
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VDE-insulated torque screwdriver

VDE-insulated torque screwdriver

DMSI manual

VDE-insulated torque screwdriver

EN ISO 6798, BS EN 26789, ASME B107.14M



WK SI

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver; output acc. to DIN 5264, ISO 2380/1



WK IK PH

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver; output acc. to DIN 5260-PH, ISO 8764/1-PH



WK IK PZ

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver; output acc. to DIN 5260-PZ, ISO 8764/1-PZ



WK IK SL/PH

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver



Type	Size / AF	a	b	c	Order No.
DMSI MANUELL 0,5-1,7	0.5 - 1.7 Nm				9918390000
DMSI MANUELL 2,0-8,0	2.0 - 8.0 Nm				9918400000

WK SI 0,4x2,5	max. 0.4 Nm	0.4	2.5	200	9918410000
WK SI 0,5x3,0	Max. 0.6 Nm	0.5	3	200	9918420000
WK SI 0,6x3,5	Max. 1.1 Nm	0.6	3.5	200	9918430000
WK SI 0,8x4,0	Max. 2.5 Nm	0.8	4	200	9918440000
WK SI 1,0x5,5	Max. 3.8 Nm	1	5.5	200	9918450000

WK IK PH0	Max. 9 Nm	200	9918460000
WK IK PH1	Max. 3.8 Nm	200	9918470000
WK IK PH2	Max. 5.5 Nm	200	9918480000

WK IK PZ0	Max. 9 Nm	200	9918490000
WK IK PZ1	Max. 3.8 Nm	200	9918500000
WK IK PZ2	Max. 5.5 Nm	200	9918510000

WK IK SL/PH1	1318130000
WK IK SL/PH2	1318140000



The Torque Screwty®

- Easier work
- Screw-on circular plug, safety sealed

The perfect tool for all situations

Screwty® is the ideal, universal tool for tightening and releasing cable glands on all common sensor and actuator cables. The Screwty® can also reach those round plugs normally considered inaccessible! No great force is required – simply turn the tool to tighten or release the plug-in connector as required.

The Screwty® also fits the majority (more than 90 %) of the cables and plug-in connectors of other suppliers and is therefore a unique tool useful throughout the world. The Screwty® consists of a handle with a conventional 1/4" fitting. This means it can be used for all sizes: for M12 and M8 round plugs, and the M12F and M8F types, also for plugs and sockets on custom cables.

The Screwty® is suitable for the following round plugs:

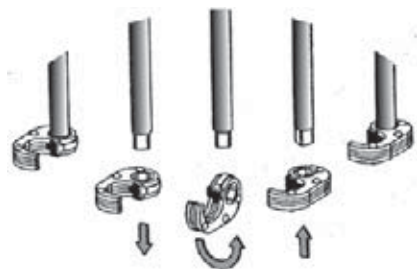
Size	M8	M8F	M12	M12F
	10 ±0,3 mm	11,9 ±0,3 mm	14,5 ±0,3 mm	19,8 ±0,3 mm
Thread	M8x1	M8x1	M12x1	M12x1

An adjustable torque fitting is also available for the Screwty® – for guaranteeing extra reliability during installation.

The torque can be infinitely adjusted between 0.5 and 1.7 Nm. This accurate setting enables all round plugs to be tightened precisely with a certain torque.

Weidmüller specifies the following torques for its round plugs:

Size	M8	M8F	M12	M12F
Torque	0,5-0,6 Nm	0,5-0,6 Nm	0,8-1,2 Nm	0,8-1,2 Nm
Thread	M8x1	M8x1	M12x1	M12x1



Simply turn the ratchet to tighten or loosen the cable gland.

The Screwty® can also be fitted with other blades to create a torque screwdriver.



Use of a M12 Screwty®

1. Position Screwty®
2. Tighten connector
3. Finished!



Use of a M23 Screwty®

Screwty® standard



Ordering data

Type	Use	Qty.	Order No.
Screwty® M12	moulded M12 lines	1	1900000000
Screwty® M8	moulded M8 lines	1	1900010000
Screwty® M12 F	M12 plugs for custom assembly	1	1900020000
Screwty® M8 F	M8 plugs for custom assembly	1	1900030000

Screwty® Set



Ordering data

Type	Qty.	Order No.
Screwty® Set	1	1910000000
Fittings		
Type	Contents	
Screwty® Set	1x Screwty® standard handle + 1 M12, M8, M12 F, M8 F attachments	

Screwty® attachments



Screwty® M8
attachment

Screwty® M8 F
attachment

Screwty® M12
attachment

Screwty® M12 F
attachment

Screwty® M23
attachment

Ordering data

Type	Qty.	Order No.
Screwty® M12 KO o. SD	1	1900100000
Screwty® M8 KO o. SD	1	1900110000
Screwty® M12F KO o. SD	1	1900120000
Screwty® M8F KO o. SD	1	1900130000
Screwty® M23 LS	1	1981560000

Legend:

F	for custom assemblies
DM	torque
KO o. SD	ratchet only (attachment)
Screwty®	screwdriver
Screwty® DM	torque screwdriver, interchangeable blade
WK	interchangeable blade
LS	power plug

Screwty® with torque fitting

Setting aid for Screwty® with torque fitting (included)



Ordering data

Type	Use	Qty.	Order No.
Screwty®-M12-DM	moulded M12 lines with torque requirement	1	1900001000
Screwty®-M8-DM	moulded M8 lines with torque requirement	1	1900011000
Screwty®-M12 F-DM	M12 plugs, custom assembly with torque requirement	1	1900021000
Screwty®-M8 F-DM	M8 plugs, custom assembly with torque requirement	1	1900031000

Fittings	
Type	Contents
Screwty®-M12-DM	1 interchangeable blade, 1 torque handle, 1 setting aid for Screwty® torque, 1 Screwty® M12 attachment
Screwty®-M8-DM	1 interchangeable blade, 1 torque handle, 1 setting aid for Screwty® torque, 1 Screwty® M18 attachment
Screwty®-M12 F-DM	1 interchangeable blade, 1 torque handle, 1 setting aid for Screwty® torque, 1 Screwty® M12 F attachment
Screwty®-M8 F-DM	1 interchangeable blade, 1 torque handle, 1 setting aid for Screwty® torque, 1 Screwty® M18 F attachment

Screwty® Set-DM



Ordering data

Type	Qty.	Order No.
Screwty® Set-DM	1	1920000000
Fittings		
Type	Contents	
Screwty® Set-DM	1 interchangeable blade, 1 torque handle, 1 setting aid for Screwty® torque, 1 each of Screwty® M12, M8, M12 F, M8 F attachments	

Screwty® interchangeable handle/interchangeable bit



Ordering data

Type	Use	Qty.	Order No.
1/4" handle		1	4294820000
WK-1/4" (Screwty®)		1	1862200000

Cable gland tools

Cable gland tools

Screwing tool for all types of cable glands.

- Can tighten or loosen several rows of cable glands
- No deforming of the cable glands

FleCaFix 11/24

Cable gland tool



- Spanner size: 11 to 24 AF
- Infinite adjustment of spanner size
- Ratchet function: not necessary to remove tool between turns
- Authentic one-hand tool

FleCaFix 24/36

Cable gland tool



- Spanner size: 24 to 36 AF
- Infinite adjustment of spanner size
- Ratchet function: not necessary to remove tool between turns
- Authentic one-hand tool



Technical data

Tool data	
Length / Width / Height	mm
Weight	g
AF size	-
Note	

190 / 30 / 60
190
11...24mm

204 / 30 / 60
240
24... 36 mm

Ordering data

Version
Note

Type	Qty.	Order No.
FLECAFIX 11/24	1	9015900000

Type	Qty.	Order No.
FLECAFIX 24/36	1	9015980000

Screwdriver with cutting adapter

For non-pinch cutting of copper cable.

- Single core up to 1.5 mm²
- Finely stranded up to 2.5 mm²

swifty®



swifty®

- Cable cutter for pushing onto uninsulated screwdrivers with a blade diameter of 3.5 mm
- Minimal hand force required
- Cutter opens automatically
- Ergonomic handle design

swifty®set

- Rational operation
- Only one tool for cable processing in IDC technology
- Can be used for screw and tension clamp terminals
- Pocket format always ready to hand
- Suitable for right- and left-hand use
- One-handed operation

swifty®set



Technical data

Max. cutting performance, copper cable	
Copper cable - solid, max.	mm ²
Copper cable - flexible, max.	mm ²
Tool data	
Length / Width / Height	mm
Weight	g
Note	

1.5
2.5
35 / 18 / 40
20

Ordering data

Version
Without screwdriver
Note

Type	Qty.	Order No.
SWIFTY	1	9006020000

Type	VPE	Order No.
swifty®set (with screwdriver)	1	9006060000
Screwdriver (SD 0,6 3,5x100)	1	9008330000

SlimLine screwdriver

VDE insulated screwdriver with thin blade

The SlimLine screwdriver design allows you to reach deeply inset fittings and tension clamp terminals which cannot normally be reached using a standard VDE screwdriver. The SlimLine screwdrivers can be used for Weidmüller's Z-series of terminal blocks. The tools have an ergonomically designed grip so that they can be used without causing pain or stress. The SoftFinish® zone delivers excellent feel, ensures electrical safety and is easy on your hands.

A blade that is up to 33 % thinner



The moulded protective insulation, applied directly to the shaft ensures safety and protection during critical applications at levels of up to 1,500 V (DC) or 1,000 V (AC).



Ergonomic design



The ergonomic grip design makes for a comfortable screwing process and excellent handling. The SoftFinish® zone prevents the tool from slipping away and thus makes higher torques possible.

Security



The moulded protective insulation, applied directly to the shaft ensures safety and protection during critical applications at levels of up to 1,500 V (DC) or 1,000 V (AC).

SlimLine VDE-insulated screwdriver

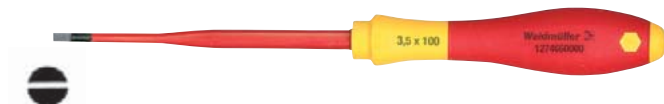
VDE-insulated screwdriver, for working on live parts up to 1,000 V AC and 1,500 V DC. DIN EN 60900, IEC 900, Safety tested „GS“, each piece tested. The bit is made from fully-hardened, high-alloy, chromium-vanadium-molybdenum steel with a gun-metal finish.

A blade that is up to 33 % thinner

The SlimLine design allows you to reach deeply inset fittings and tension clamp terminals.

**SDI SL S**

VDE insulated slot-head screwdriver, SDI SL DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish® grip

**SDIK SL PH**

VDE-insulated crosshead screwdriver, Phillips type, SDIK SL PH DIN 7438, ISO 8764/2-PH, output acc. to ISO 8764-PH, SoftFinish® grip

**SDIK SL PZ**

VDE-insulated crosshead screwdriver Pozidrive type, SDIK SL PZ DIN 7438, ISO 8764/2-PZ, output acc. to ISO 8764-PZ, SoftFinish® grip

**SDIS SL 2.5-5.5/PH/1/2**

6-part set: VDE insulated slotted and crosshead PH screwdriver set



Screwdrivers

Weidmüller screwdrivers come in four different grip sizes, and are the result of a consistent grip concept which takes into account both the human hand and the different work requirements and conditions.

- Perfect handling with all grip sizes
- Maximum torques
- Optimum transmission of axial force
- Complete range including all commercial sizes



SoftFinish® grip



Weidmüller's SoftFinish® grip zone for use in dry conditions and for general applications offers customers a complete range of screwdrivers that enables far higher torques as well as substantially more comfort due to the soft material of the grip.

Product benefits:

- Made of an especially soft material, which is kind to the skin, the SoftFinish® zone enables maximum torques
- Perfect ergonomic grip design for comfortable screw driving and optimum handling
- You can choose from long-life extremely stressable blades in standard sizes
- ChromTop blade tip offers maximum corrosion protection and greatest possible dimensional accuracy of the blade geometry in the screw head over many years

SoftFinish® electric



VDE-insulated screwdriver according to DIN EN 60900, IEC 900 for work on live equipment

Product benefits:

- The protective insulation moulded directly on the screwdriver blade ensures electrical safety, even in critical applications
- Safe for working at up to 1,500 volts DC and 1,000 volts AC
- Each screwdriver is individually tested in a water bath at 10,000 volts according to DIN EN 60900
- Perfect ergonomic grip design for comfortable screw driving and optimum handling
- Made of special soft material which is kind to the skin, the SoftFinish® zone prevents slipping in critical situations and at the same time enables maximum torques

VDE-insulated screwdriver

VDE-insulated screwdriver, for working on live parts up to 1.000 V AC and 1.500 V DC.
DIN EN 60900, IEC 900,
Each piece „GS Safety“ tested. Bit made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

SDI S

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish® grip



Type	Blade type	Size / AF	a	b	c	Order No.
SDIS 0.4X2.0X60	A		0.4	2	60	9205690000
SDIS 0.4X2.5X75	A		0.4	2.5	75	9008370000
SDIS 0.5X3.0X100	B		0.5	3	100	9008380000
SDIS 0.6X3.5X100	B		0.6	3.5	100	9008390000
SDIS 0.8X4.0X100	B		0.8	4	100	9008400000
SDIS 1.0X4.5X125	B		1	4.5	125	9008910000
SDIS 1.0X4.5X175	B		1	4.5	175	9205700000
SDIS 1.0X5.5X125	B		1	5.5	125	9008410000
SDIS 1.0X5.5X175	B		1	5.5	175	9205710000
SDIS 1.2X6.5X150	B		1.2	6.5	150	9008420000
SDIS 1.6X8.0X175	B		1.6	8	175	9008430000

SDIK PH

VDE-insulated crosshead screwdriver Pozidrive type, SDIK PZ
DIN 7438, ISO 8764/2-PZ, output acc. to ISO 8764-PZ, SoftFinish® grip



SDIK PH0	0	60	9008560000
SDIK PH1	1	80	9008570000
SDIK PH2	2	100	9008580000
SDIK PH3	3	150	9008590000

SDIK PZ

VDE-insulated crosshead screwdriver Pozidrive type, SDIK PZ
DIN 7438, ISO 8764/2-PZ, output acc. to ISO 8764-PZ, SoftFinish® grip



SDIK PZ1	1	80	9008900000
SDIK PZ2	2	100	9008890000

SDI SL / PH

VDE-insulated plus-minus screwdriver, Phillips, SDI SL/PH
SoftFinish® handle



SDI SL/PH 1	size PH1	1318330000
SDI SL/PH 2	size PH2	1318340000

SDIZ

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish® grip



SDIZ 0.6X3.5X100	0.6	3.5	100	9008450000
SDIZ 0.8X4.0X100	0.8	4	100	9008460000
SDIZ 0.8X5.5 150/248	0.8	5.5	150	9008640000

VDE-insulated screwdriver

VDE-insulated screwdriver

VDE-insulated screwdrivers, for working on live parts up to 1.000 V AC and 1.500 V DC, DIN EN 60900, IEC 900. Each piece „GS Safety“ tested. Blade made from through-hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal black-oxide finish.



Type	Blade type	Size / AF	a	b	c	Order No.
SDIS 0.4X2.5X75	A		0.4	2.5	75	
SDIS 0.5X3.0X100	B		0.5	3	100	
SDIS 0.8X4.0X100	B		0.8	4	100	
SDIS 1.0X5.5X125	B		1	5.5	125	
SDIK PH1		1			80	
SDIK PH2		2			100	
SDI Set S2.5-5.5/PH1/2						9009730000

SDIS 2.5-5.5/PH/1/2

6-part set: VDE insulated slotted and crosshead PH screwdriver set



SDIS 2.5-5.5/PZ/1/2



SDIS 0.4X2.5X75	A	0.4	2.5	75	
SDIS 0.5X3.0X100	B	0.5	3	100	
SDIS 0.8X4.0X100	B	0.8	4	100	
SDIS 1.0X5.5X125	B	1	5.5	125	
SDIK PZ1		1		80	
SDIK PZ2		2		100	
SDI Set S2.5-5.5/PZ1/2				1	1128540000

SDIS 2.0-5.5

6-part set: VDE-insulated slotted screwdriver set



SDIS 0.4X2.0X60	A	0.4	2	60	
SDIS 0.4X2.5X75	A	0.4	2.5	75	
SDIS 0.5X3.0X100	B	0.5	3	100	
SDIS 0.6X3.5X100	B	0.6	3.5	100	
SDIS 0.8X4.0X100	B	0.8	4	100	
SDIS 1.0X5.5X125	B	1	5.5	125	
SDI Set S2.0-5.5				1	9205550000

Uninsulated screwdriver

Weidmüller SoftFinish® screwdriver for general applications.

Blade made from through-hardened, high-alloy chromium-vanadium-molybdenum steel, matt chrome-plated.

SD S

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish® grip



SDK PH

Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish® grip



SDK PZ

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish® grip



SD TH

Torx® TH screwdriver with hole in tip of blade (tamper-resistant), SD TH for screwing Torx® and Torx®-TH security screws (pin in centre of Torx® recess), ChromTop tip, SoftFinish® grip



SK

Hexagon socket wrench SK DIN 3125, output to DIN 3125, SoftFinish® grip



Type	Blade type	Size / AF	a	b	c	Order No.
SDS 0.4X2.0X60	B		0.4	2	60	9037160000
SDS 0.4X2.5X75	A		0.4	2.5	75	9009030000
SDS 0.5X3.0X80	A		0.5	3	80	9008320000
SDS 0.6X3.5X100	A		0.6	3.5	100	9008330000
SDS 0.6X3.5X200	A		0.6	3.5	200	9010110000
SDS 0.8X4.0X100	A		0.8	4	100	9008340000
SDS 0.8X4.0X125	A		0.8	4.5	125	9009020000
SDS 1.0X5.5X150	A		1	5.5	150	9008350000
SDS 1.2X6.5X150	A		1.2	6.5	150	9009010000

SDK PH0	0	60	9008470000
SDK PH1	1	80	9008480000
SDK PH2	2	100	9008490000
SDK PH3	3	150	9008500000

SDK PZ1	1	80	9008530000
SDK PZ2	2	100	9008540000
SDK PZ3	3	150	9008550000

SD TH10	10	80	9009180000
SD TH15	15	80	9009170000
SD TH20	20	100	9009160000

SK 10,0x125	9009070000
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Uninsulated screwdriver

Uninsulated screwdriver

Weidmüller SoftFinish® screwdriver for general applications.

Blade made from through-hardened, high-alloy chromium-vanadium-molybdenum steel, matt chrome-plated.

Set S 2.5/3.0/4.0/5.5/PH 1/2

6-part set: slotted and crosshead PH screwdriver set with circular blades



Type	Blade type	Size / AF	a	b	c	Order No.
SDS 0.4X2.5X75	A		0.4	2.5	75	
SDS 0.5X3.0X80	A		0.5	3	80	
SDS 0.8X4.0X100	A		0.8	4	100	
SDS 1.0X5.5X150	A		1	5.5	150	
SDK PH1		1			80	
SDK PH2		2			100	
SD Set S2.5-5.5/PH1/2						9009740000

Set S 2.0/2.5/3.0/3.5/4.0/5.5

6-part set: slotted screwdriver set



SDS 0.4X2.0X60	B		0.4	2	60	
SDS 0.4X2.5X75	A		0.4	2.5	75	
SDS 0.5X3.0X80	A		0.5	3	80	
SDS 0.6X3.5X100	A		0.6	3.5	100	
SDS 0.8X4.0X100	A		0.8	4	100	
SDS 1.0X5.5X150	A		1	5.5	150	
SD Set S2.0-5.5						9205560000

SD TO 0,6x3,0

Angled slotted screwdriver with round handle, SoftFinish® handle



SD TO 0,6X3,0	A		0.6	3	70	1323880000
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Weidmüller wrench set

Socket wrench manufactured from through-hardened chromium-vanadium steel, manufactured according to DIN ISO 2936 L (DIN 911), high-quality finished surface.

SK WSD S

9-piece offset screwdriver set in the Prostar, with MagicRing: tightly holds standard screws in any position thanks to its spring steel ring (up to size 3), with ball head for screwing up to an angle of 25°.



Type	Size / AF	a	b	c	Order No.
SK WSD-S 1,5-10,0					9008850000

SK S

7-piece Allen key set



SKS 2,0-8,0					9008860000

SK S MR

7-piece Allen key set with ball head and MagicRing: holds standard screws (size 3 and larger) in any position thanks to its spring steel ring, with ball head for screwing up to an angle of 25°.



SKS 2,0-8,0 MR					9008870000

TH S

8-piece Torx®-TH socket wrench set with hole in the bit tip (tamper-resistant), for screwing Torx® and Torx®-TH safety screws (centre pin in the profile)



TH-S 9-40					9008880000

Weidmüller wrench set

Weidmüller wrench set

Weidmüller SoftFinish® screwdriver for general applications.
Blade made from through-hardened, high-alloy chromium-vanadium-molybdenum steel, matt chrome-plated.



Type	Size / AF	a	b	c	Order No.
SD					
SD					
SD					
SD					
PH 1					
PH 2					
PZ 1					
PZ 2					
SK					
SK					
SK					
SYSTEM 11+1				140	9009750000

System 11+1 S-PH-PZ-SK

12-piece set with interchangeable bits for slotted, cross-head PH/PZ and hexagon head screws, SoftFinish® handle



Pin and electrical cabinet key

IS 4 / IS 6 / IS 8

Wrench with pegged pilot tip



Hexagon screwdriver with cross-grip made from high-quality plastic

- Nickel-plated surface
- Made from hardened chromium-vanadium steel
- Manufactured according to DIN 6911
- Designed for screws acc. to DIN 6912

IS 2 KG / IS 3 KG / IS 4 KG

Socket wrench



Hexagon screwdriver with cross-grip made from high-quality plastic

- Nickel-plated surface
- Made from hardened chromium-vanadium steel
- Manufactured according to DIN 6911
- Designed for screws acc. to DIN 6912

SDQ T15 / SDQ T20 / SDQ T40

Socket wrench, Torx®



Torx® screwdriver with cross-grip made from high-quality plastic

- Matt-chrome surface finish
- Made from hardened chromium-vanadium steel

Technical data

	IS4	IS6	IS8
c	60 mm	80 mm	90 mm
Weight	27 g	61 g	89 g

Technical data

	IS 2 KG	IS 3 KG	IS 4 KG
c	100 mm	100 mm	100 mm
Weight	32 g	32 g	32 g

Technical data

	SDQ T15	SDQ T20	SDQ T40
c	100 mm	100 mm	100 mm
Weight	32 g	32 g	32 g

Ordering data

Type	Qty.	Order No.
IS 4 DIN 6911	1	0485100000
IS 6 DIN 6911	1	0407900000
IS 8 DIN 6911	1	0235000000

Ordering data

Type	Qty.	Order No.
IS 2 KG	1	1806630000
IS 3 KG	1	1806650000
IS 4 KG	1	1806660000

Ordering data

Type	Qty.	Order No.
SDQ T15	1	1318390000
SDQ T20	1	1318400000
SDQ T40	1	1318410000

Cross-Key Master

Universal key



1.0 x 7 mm PH 2

5 mm

7 mm 12 mm

8 mm 13.5 mm 9 mm 13.5 mm

- With bit holder and reversible bit (drives - refer to symbols)
- Material: diecast zinc
- Dimensions: 62 x 90 mm

Application: For almost all technical locking systems in buildings including: doors, window handles, radiator bleed valves, sanitary installations, HVAC, gas and water supply.



Cross-Key Universal

Universal electrical cabinet key



1.0 x 7 mm PH 2

5 mm

6 mm 11.5 mm

7-8 mm 13.5 mm 9 mm 13.5 mm

- With bit holder and reversible bit (drives - refer to symbols)
- Material: diecast zinc
- Dimensions: 72 x 72 mm

Application: For locking systems used in electrical engineering, fits all standard electrical cabinet locks.



Cross-Key Universal S

Universal mini electrical cabinet key



1.0 x 7 mm PH 2

6 mm

8 mm 13.5 mm

9 mm 13.5 mm 5 mm 9 mm

- With bit holder and reversible bit (drives - refer to symbols)
- Material: diecast zinc
- Dimensions: 42 x 42 mm

Application: For locking systems used in electrical engineering, fits all standard electrical cabinet locks.



Technical data

Ordering data

Type	Qty.	Order No.
CROSS-KEY MASTER	1	9918150000

Technical data

Ordering data

Type	Qty.	Order No.
CROSS-KEY UNIVERSAL	1	9918130000

Technical data

Ordering data

Type	Qty.	Order No.
CROSS-KEY UNIVERSAL S	1	9918140000

Measuring / Testing

Measuring / Testing	Introduction	G.2
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	Digital multimeter	G.15
	Accessories	G.16
	Cable tester	G.17
	Non-contact magnetic field and voltage tester	G.18

Measuring / Testing

Testing plays a crucial role in setting up, maintaining and repairing electrical installations and devices. You should 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 their 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 are taken to prevent extremely excessive contact voltage work and in order to guarantee and comply with the necessary safety standards. 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. All of our 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 DC 3-48 V measuring range		Load connection
	24 V voltage test – e.g. HGV batteries		Plug-in test probe		Phase sequence check
	50 V – limit of the dangerous voltage range for the human body		Car Check		Continuity check
	120 V voltage test – customary voltage in some countries, e.g. USA		Test probe illumination		
	230 V/240 V voltage test – customary voltage in the majority of European countries		Polarity 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 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.



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.



Network tester

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

Overview

Technical specification

Type designation	Digi Check Pro	Digi Check	Multi Check	Combi Check Pro	Combi Check	Master Check	LSP 3 - 400V	LSP 3 - 690V	Volt Check	Car Check
Page number	G.6	G.6	G.7	G.8	G.8	G.9	G.10	G.10	G.11	G.11
Order No.	9918870000	9918850000	9918920000	1279330000	9918860000	9918880000	9205050000	9205060000	9918950000	9918970000
Rated voltage range	0,3 - 690 V AC/DC	0,3 - 690 V AC/DC	5 - 500 V AC/DC	6 - 690 V AC/DC	6 - 690 V AC/DC	6 - 400 V AC/DC	12 - 400 V AC/DC	24 - 690 V AC/DC	6 - 400 V AC/DC	3 - 48 V DC
Display	digital LCD	digital LCD	digital LCD	LED	LED	LED	LED	LED	LED + reflector	LED
< 6 V	x	x	x							x
6 V	x	x	x	x	x	x			x	3-48 V
12 V	x	x	x	x	x	x	x			
24 V	x	x	x	x	x	x	x	x		
50 V	x	x	x	x	x	x	x	x	x	
120 V	x	x	x	x	x	x	x	x	x	
230 V	x	x	x	x	x	x	x	x	x	
400 V	x	x	x	x	x	x	x	x	x	
690 V	x	x		x	x			x		
Polarity (+/-)	x	x	x	x	x	x	x	x	x	x
Continuity test	x	x	x	x	x	x	x	x		
Single-pole phase test	x	x	x	x	x		x	x		
One-hand testing	x	x	x	x	x	x				
Illuminated measuring probes	x	x		x	x					
HOLD function	x	x	x							
Phase sequence indicator	x			x	x		x	x		
Switchable load	x			x						
30 mA RCD triggering via a button	x			x						
Power supply	2 x 1,5 V AAA	2 x 1,5 V AAA	2 x 1,5 V AAA	2 x 1,5 V AAA	2 x 1,5 V AAA	2 x 1,5 V AAA	Solar cell + rechargeable battery	Solar cell + rechargeable battery		
Order no., battery	9201310000	9201310000	9201310000	9201310000	9201310000	9201310000				
Order no., case	9201520000	9201520000	9201520000	9201520000	9201520000	9201520000	9201520000	9201520000	9201520000	9201520000
Order no., spare battery cover	1332410000	1332410000	1332410000	1332410000	1332410000	1332410000				
Order no., spare test probe protectors	1332420000	1332420000	1332420000	1332420000	1332420000	1332420000				

Safety features										
Category	CAT IV - 600 V CAT III - 690 V	CAT IV - 600 V CAT III - 690 V	CAT IV - 600 V CAT III - 690 V	CAT IV - 600 V CAT III - 690 V	CAT IV - 600 V CAT III - 690 V	CAT IV - 600 V CAT III - 690 V	CAT IV	CAT IV		
Peak resistance voltage	8 kV	8 kV	8 kV	8 kV	8 kV	8 kV	12 kV	12 kV	5 kV	
Standard	VDE0682 Part 401	VDE0682 Part 401	VDE0682 Part 401	VDE0682 Part 401	VDE0682 Part 401	VDE0682 Part 401	VDE0682 Part 401	VDE0682 Part 401	VDE 0411 Part 031	
EN/IEC standard	EN/ IEC 61243-3: 2010-10	EN/ IEC 61243-3: 2010-10	EN/ IEC 61243-3: 2010-10	EN/ IEC 61243-3: 2010-10	EN/ IEC 61243-3: 2010-10	EN/ IEC 61243-3: 2010-10	EN/ IEC 61243-3	EN/ IEC 61243-3	EN/IEC 61010 - 031	
Dimensions	287 x 68 x 23	287 x 68 x 23	287 x 68 x 23	287 x 68 x 23	287 x 68 x 23	287 x 68 x 23	231 x 48 x 37	231 x 48 x 37	190 x 25 x 19	137 x 21 x 18
Weight	290 g	290 g	290 g	290 g	290 g	290 g	170 g	170 g	70 g	57 g
Protection class	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 40	
Operating temperature	-15 °C...+45 °C	-15 °C...+45 °C	-15 °C...+45 °C	-15 °C...+45 °C	-15 °C...+45 °C	-15 °C...+45 °C	-10 °C...+55 °C	-10 °C...+55 °C	-10 °C...+50 °C	-10 °C...+50 °C

Digi-Check Pro



Digi-Check



Multi-Check



Combi-Check Pro



Combi-Check



Master-Check



LSP 3 - 400 V



LSP 3 - 690 V



Car-Check



Volt-Check 3.1



Digital voltage tester

Digital voltage testers

- LCD including bar chart
- One-handed testing is possible
- Protection for test probe
- Continuity testing
- Low-battery indicator
- HOLD function
- Backlit illumination
- Polarity detection
- Single-pole phase test is possible
- Battery included
- Large display
- Light sensor
- IP 65

Digi-Check Pro

Digital voltage tester



- Test probe illumination
- Selectable load for residual current test
- Phase sequence indicator
- Case included
- Battery included

Digi-Check

Digital voltage tester



- Test probe illumination
- Battery included



Technical data

Nominal voltage
Input resistance, voltage
Peak voltage resistance
Frequency range, min.
Measuring range category
Display
Operating temperature, min.
Protection degree
Approvals
Weight
Note

DIGI CHECK PRO
0.30 V...690 V AC/DC
On operating the double switch $\geq 300 \text{ k}\Omega$
8 kV
0...100 Hz
CAT IV - 600V/ CAT III - 690V
LCD
-15...45 °C
IP 65
EN/IEC 61243-3:2010-10 (VDE 0682 Part 401)
290 g

DIGI CHECK
0.30 V...690 V AC/DC
$\geq 300 \text{ k}\Omega$
8 kV
0...100 Hz
CAT IV - 600V/ CAT III - 690V
LCD
-15...45 °C
IP 65
EN/IEC 61010-1
290 g

Ordering data

Version
Note

Type	Qty.	Order No.
DIGI CHECK PRO	1	9918870000
Digi Check Pro 2MM	1	9201580000
Protective case included		

Type	Qty.	Order No.
DIGI CHECK	1	9918850000
Digi Check 2MM	1	9201590000

Accessories

Note

Type	Qty.	Order No.
SKAI POUCH	1	9201520000
9-V block battery	1	9004810000
BAT-DE	1	1332410000
PRSPSU	1	1332420000

Type	Qty.	Order No.
SKAI POUCH	1	9201520000
BATTERY 1.5 V (AAA)	2	9201310000
BAT-DE	1	1332410000
PRSPSU	1	1332420000

Multi-Check

Digital voltage tester



- Battery included



MULTI CHECK	
0.30 V...500 V AC/DC	
$\geq 300 \text{ k}\Omega$	
8 kV	
0...100 Hz	
CAT III – 500V/ CAT IV – 500V	
LCD	
-15...45 °C	
IP 65	
EN/IEC 61243-3 :2010-10 (VDE 0682 Part 401)	
290 g	

Type	Qty.	Order No.
MULTI CHECK	1	9918920000
Multi Check 2MM	1	9201570000

Type	Qty.	Order No.
SKAI POUCH	1	9201520000
BATTERY 1.5 V (AAA)	2	9201310000
BAT-DE	1	1332410000
PRSPSU	1	1332420000

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 and semiconductor testing
- Touch protection because of high input resistance
- Large voltage range
- IP 65

Combi-Check Pro

2-pole voltage tester



- Phase sequence indicator
- Single-pole phase testing
- Selectable load for residual current test
- Batteries included

Combi-Check

2-pole voltage tester



- Phase sequence indicator
- Single-pole phase testing
- Batteries included



Technical data

Nominal voltage
Input resistance, voltage
Peak voltage resistance
Frequency range, min.
Measuring range category
Display
Operating temperature, min.
Protection degree
Approvals
Weight

Note

COMBI CHECK PRO

6 V...690 V AC/DC
On operating the double switch $\geq 300 \text{ k}\Omega$
8 kV
0...100 Hz
CAT IV - 600V/ CAT III - 690V
LED
-15...45 °C
IP 65
EN/IEC 61243-3 :2010-10 (VDE 0682 Part 401)
290 g

COMBI CHECK

6 V...690 V AC/DC
8 kV
0...100 Hz
CAT IV - 600V/ CAT III - 690V
LED
-15...45 °C
IP 65
290 g

Ordering data

Version

Type	Qty.	Order No.
COMBI CHECK PRO	1	1279330000
COMBI CHECK PRO 2MM	1	1279550000

Type	Qty.	Order No.
COMBI CHECK	1	9918860000
Combi Check 2MM	1	9204230000

Note

Accessories

Type	Qty.	Order No.
SKAI POUCH	1	9201520000
BATTERY 1.5 V (AAA)	2	9201310000
BAT-DE	1	1332410000
PRSPSU	1	1332420000

Type	Qty.	Order No.
SKAI POUCH	1	9201520000
BATTERY 1.5 V (AAA)	2	9201310000
BAT-DE	1	1332410000
PRSPSU	1	1332420000

Note

Master-Check

2-pole voltage tester



- Batteries included



MASTER CHECK
6 V...400 V AC/DC
8 kV
0...100 Hz
CAT III – 400V/ CAT IV – 400V
LED
-15...45 °C
IP 65
EN/IEC 61243-3 (VDE 0682 Part 401)
290 g

Type	Qty.	Order No.
MASTER CHECK	1	9918880000
Master Check 2MM	1	9201260000

Type	Qty.	Order No.
SKAI POUCH	1	9201520000
BATTERY 1.5 V (AAA)	2	9201310000
BAT-DE	1	1332410000
PRSPSU	1	1332420000

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 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 up to 12 kV
- 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 up to 12 kV
- Phase sequence indicator
- High-performance solar cell combined with rechargeable lithium battery



Technical data

Nominal voltage
Input resistance, voltage
Peak voltage resistance
Frequency range, min.
Measuring range category
Display
Operating temperature, min.
Protection degree
Approvals
Weight
Note

LSP 3 - 400V
12 V AC/DC...400 V AC/DC
12 kV
0...2000 Hz
CAT IV
LED
-10...55 °C
IP 65
EN/IEC 61243-3 :2010-10 (VDE 0682 Part 401)
170 g

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

Ordering data

Version
Note

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

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

2-pole voltage tester

Car-Check

2-pole voltage tester for cars



- Test probe
- Pin with sliding mechanism
- Cable length 130 cm
- Polarity detection

Volt-Check 3.1

2-pole voltage tester



- LED indicator for voltage and phase
- Polarity detection

Technical data

Nominal voltage
Input resistance, voltage
Peak voltage resistance
Frequency range, min.
Display
Operating temperature, min.
Protection degree
Approvals
Weight
Note

CAR-CHECK
3 V DC...48 V DC
kV
LED
-10...50 °C
57 g

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

Ordering data

Version
Note

Type	Qty.	Order No.
CAR-CHECK	1	9918970000

Type	Qty.	Order No.
Volt-Check 3.1	1	9918950000

Accessories

Note

Type	Qty.	Order No.
SKAI POUCH	1	9201520000

Type	Qty.	Order No.
SKAI POUCH	1	9201520000

Overview of digital multimeters

Technical data

	Temphaser	125S	1037	2606	MG Kit CA 600
Page number	Page G.13	Page G.13	Page G.15	Page G.15	Page G.14
Order No.	9427300000	9425830000	9423580000	9427370000	9427460000
Measurement range					
• DC voltage	0.2 – 600 V	0.32 – 600 V	0.2 – 1,000 V	0.4 – 1,000 V	0.2 – 600 V
• AC voltage	0.2 – 600 V	0.32 – 600 V	0.2 – 750 V	0.4 – 750 V	0.2 – 600 V
• DC current				up to 1,000 A	0 – 600 A
• AC current			up to 200 A**	up to 1,000 A	0 – 600 A
• Resistance	up to 2,000 MΩ	up to 30 MΩ	up to 200 kΩ	up to 40 MΩ	up to 2,000 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 1,000 V	CAT III 1,000 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

	9 V battery	9 V battery	9 V battery	9 V battery	9 V battery
Order no., battery	9004810000	9004810000	9004810000	9004810000	9004810000
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.	9205260000	9205270000	9205460000	9205270000	9205260000
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 1,000 V

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
Resolution of DC voltage
AC voltage measuring range
Resolution of AC voltage
Resistance measuring range
Measured capacitance value, min.
Frequency range, min.
Temperature measuring range
Operating temperature, min.
Approvals
Weight
Note

TEMPHASER
0.2 - 600 V
0.2 - 600V
0.2...2,000 MΩ
20...20 mF
10...40 kHz
-20...750 °C
0...50 °C
EN/IEC 61010-1
340 g

MULTIMETER 125S
0.32 - 600 V
0.32 - 600V
0.32...30 MΩ
... μF
0...100 Hz
... °C
0...50 °C
EN/IEC 61010-1
323 g

Ordering data

Version
Note

Type	Qty.	Order No.
TEMPHASER	1	9427300000

Type	Qty.	Order No.
MULTIMETER 125S	1	9425830000

Accessories

Note

Type	Qty.	Order No.
ZUB TEMPHASER	1	9205260000
9-V block battery	1	9004810000
Delivered without temperature probe		

Type	Qty.	Order No.
ZUB MULTIMETER 125S	1	9205270000
9-V block battery	1	9004810000
Delivered without belt clip		

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
Resolution of DC voltage
AC voltage measuring range
Resolution of 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...2,000 MΩ
20... μF
10...40 kHz
-20...750 °C
0...50 °C
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
9-V block battery	1	9004810000
Temperature probe and belt clip are not included in the delivery		

Digital multimeter

- Can measure voltages up to 1,000 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 1,000 A measurable with clamp-on attachment
- Frequency measurement
- Voltage measurement
- Current measurement
- PEAK function

**Technical data**

DC voltage measuring range
Resolution of DC voltage
AC voltage measuring range
Resolution of 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**Ordering data****Version****Note****Accessories****Note****MULTIMETER 1037**

0,2 - 1,000 V

0,2 - 750 V

200 A

23 mm

0,2...200 kΩ

...200 μF

50...500 Hz

... °C

0...50 °C

EN/IEC 61010-1

258 g

MULTIMETER C 2606

0,4 - 1,000 V

± 0,5 %

0,4 - 1,000 V

± 0,5 %

1,000 A

57 mm

0,4...40 MΩ

40...4 μF

0,1...400 kHz

... °C

0...50 °C

VDE 0680, Part 5

540 g

Type	Qty.	Order No.
MULTIMETER 1037	1	9423580000

Type	Qty.	Order No.
MULTIMETER C 2606	1	9427370000

Type	Qty.	Order No.
ZUB MULTI 1037	1	9205460000
9-V block battery	1	9004810000
Carrying case and pliers adapter are not included in the delivery		

Type	Qty.	Order No.
ZUB TEMPHASER	1	9205270000
9-V block battery	1	9004810000
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

- External voltage
- Cable breakage
- Wire breakage
- Short-circuit
- Wire interchange
- Wire testing checks
- Testable cable length max. 1,000 m
- Wire connection: RJ45
- External voltage resistance: 80 V AC / DC

LAN continuity tester



- Network cable tester for LAN and USB connections
- Including remote tester
- Connection option for RJ45 plug
- Manual and automatic test
- Display of connection faults (cable breakage, wrong connection, incorrect wiring)



A medical device, likely a patient warming unit, with a control panel and a probe. The control panel features a digital display, several buttons, and a row of indicator lights. A cable connects the control panel to a probe, which has a long, thin, flexible tip.

- Interference voltage
- External voltage: 80 V AC / DC

Display	
Testable cable length, max.	
Supply	
Type of connection	
Remote box dimensions	
Remote box weight	
Length / Width / Height	mm
Weight	
Note	

Version
Note

LED
1,000
9 V battery
RJ45, USB A, USB B
65 x 28 x 27 mm
30 g
135 / 65 / 27
174 g

Type	Qty.	Order No.
LAN USB TESTER	1	9205400000
Battery, accessories and bag included in delivery		

9 V battery
140 / 70 / 36
185 g

Type	Qty.	Order No.
IE-CT	1	8808420000
Further test boxes on request Battery included		

Non-contact magnetic field and voltage tester

Non-contact magnetic field and voltage testers

- Reacts from a distance of 4 mm
- Batteries included
- In compliance with EN/IEC 61010-1

Testboy® 130

Non-contact magnetic field tester



- Flashlight function included
- Visual indication
- For operational testing of solenoid valves, relays, coils and contactors
- All magnetic fields can be tested

Testboy® 110

Non-contact voltage tester



- No current flow necessary thanks to capacitive method
- Detects voltage-conducting wires in sockets, cable reels, distributors, etc.
- Flashlight function included
- Visual indication
- Measuring range 12...1,000 V AC

Technical data

Display
Protection degree
Weight
Battery type

Note

Visual
IP 44
45 g
1.5 V type AAA battery

Visual
IP 44
45 g
1.5 V type AAA battery

Ordering data

Version

Type	Qty.	Order No.
TB 130	1	9201390000

Type	Qty.	Order No.
TB 110	1	9201330000

Note

Accessories

Note

Type	Qty.	Order No.
BATTERY 1.5 V (AAA)	2	9201310000

Type	Qty.	Order No.
BATTERY 1.5 V (AAA)	2	9201310000

Tool sets

Tool sets	Introduction	H.2
	Tool cases	H.4
	Crimp sets and accessories	H.7
	multi-stripax® PV and WM4 PV Set	H.13
	Inserts	H.14
	Assortment boxes and cases	H.16

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.





Tool cases

Pro Case Premium



Assembly

Description of article	Type	Qty.
Sheathing stripper	AM 25	1
Cutting tool for up to 8-mm outer diameter	KT 8	1
Stripping tool up for to 10 mm ²	STRIPAX	1
Crimping tool	PZ 6 Roto	1
Wire-end ferrule	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	1
Voltage tester up to 690 V / 100 Hz LED	COMBI CHECK	1
Toolbox, empty	Pro Case leer	1
Junct. box sheath. stripper w. indiv. core stripping unit/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
VDE-insulated wire-stripping pliers for conductors up to 5mm diameter	AIZ 160	1
Universal electrical cabinet key	CROSS-KEY UNIVERSAL	1
Combined cutting/screwing tool	SWIFTY SET	1
Screwing tool	SK WSD-S 1,5-10,0	1
Slotted and crosshead PH screwdriver set	SD Set S2.5-5.5/PH1/2	1
VDE-insulated Slotted and crosshead PH-SD screwdriver set	SDI Set S2.5-5.5/PH1/2	1
Screwing tool	Bit-Box WI DMS 3	1
Allen key with ball head	SKS 2,0-8,0 MR	1
Continuity tester with light	TESTBOY 20	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

Technical data

Length / Width / Height	48 / 17 / 40 mm
Weight	8,500 g

Ordering data

Type	Qty.	Order No.
Pro Case Premium	1	9202460000
Pro Case leer	1	9202470000

Pro Case Insta



Assembly

Description of article	Type	Qty.
Sheathing stripper	AM 25	1
Cutting tool for up to 8-mm outer diameter	KT 8	1
Stripping tool up for to 10 mm ²	STRIPAX	1
Crimping tool	PZ 6 Roto	1
Wire-end ferrule	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
Tape measure	FLEXIMET 5 M	1
Toolbox, empty	Pro Case leer	1
Junct. box sheath. stripper w. indiv. core stripping unit/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
Screwing tool	SK WSD-S 1,5-10,0	1
VDE-insulated Slotted and crosshead PH-SD screwdriver set	SDI Set S2.5-5.5/PH1/2	1
Allen key with ball head	SKS 2,0-8,0 MR	1
Ring spanner set	PACK HEXA 8-13	1

Technical data

Length / Width / Height	48 / 17 / 40 mm
Weight	7,680 g

Ordering data

Type	Qty.	Order No.
Pro Case Insta	1	9203160000
Pro Case leer	1	9202470000

Top Case Premium



Assembly

Description of article	Type	Qty.
Sheathing stripper	AM 25	1
Cutting tool for up to 8-mm outer diameter	KT 8	1
Stripping tool up for to 10 mm ²	STRIPAX	1
Crimping tool	PZ 6 Roto	1
Wire-end ferrule	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	1
Voltage tester up to 690 V / 100 Hz LED	COMBI CHECK	1
Tool case	PLASTIC CASE	1
Junct. box sheath. stripper w. indv. core stripping unit/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 cutting/screwing tool	SWIFTY SET	1
Screwing tool	SK WSD-S 1,5-10,0	1
Slotted and crosshead PH screwdriver set	SD Set S2.5-5.5/PH1/2	1
VDE-insulated Slotted and crosshead PH-SD screwdriver set	SDI Set S2.5-5.5/PH1/2	1
Screwing tool	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
Sheathing stripper	AM 16	1

Technical data

Length / Width / Height	53 / 19 / 40 mm
Weight	5,072 g

Ordering data

Type	Qty.	Order No.
TOP CASE PREMIUM	1	1345320000
TOP CASE	1	1345330000

Top Case Insta



Assembly

Description of article	Type	Qty.
Sheathing stripper	AM 25	1
Cutting tool for up to 8-mm outer diameter	KT 8	1
Stripping tool up for to 10 mm ²	STRIPAX	1
Crimping tool	PZ 6 Roto	1
Wire-end ferrule	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
Tool case	PLASTIC CASE	1
Junct. box sheath. stripper w. indv. core stripping unit/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
Screwing tool	SK WSD-S 1,5-10,0	1
VDE-insulated Slotted and crosshead PH-SD screwdriver set	SDI Set S2.5-5.5/PH1/2	1
Allen key with ball head	SKS 2,0-8,0 MR	1
Ring spanner set	Pack HEXA P-13	1
Tape measure	Fleximet M5	1

Technical data

Length / Width / Height	53 / 19 / 40 mm
Weight	5,072 g

Ordering data

Type	Qty.	Order No.
TOP CASE INSTA	1	1345310000
TOP CASE	1	1345330000

Crimp-Set PZ 4



Crimp set for cutting, stripping and crimping of wire-end ferrules up to 4.0 mm², consisting of:

- Assortment box PSC 01 blank
- A8 insert (4 pieces)
- A7 insert (2 pieces)
- stripax® stripping tool for conductors with PVC insulation from 0.08...6.0 mm²
- PZ 4 crimping tool for wire-end ferrules from 0.5...4.0 mm²
- Wire-end ferrules with plastic collars 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 mm², consisting of:

- Assortment box PSC 01 blank
- A8 insert (6 pieces)
- A7 insert (1 piece)
- stripax® stripping tool for conductors with PVC insulation from 0.08...6.0 mm²
- PZ 3 crimping tool for wire-end ferrules from 0.5...6.0 mm²
- Wire-end ferrules with plastic collars H 0.5...H 6.0
- Weidmüller colour code

Crimp-Set PZ 6 roto



Crimp set for cutting, stripping and crimping of wire-end ferrules up to 6.0 mm², consisting of:

- Assortment box PSC 01 blank
- A8 insert (6 pieces)
- A7 insert (1 piece)
- stripax® stripping tool for conductors with PVC insulation from 0.08...6.0 mm²
- PZ 6 Roto crimping tool for wire-end ferrules from 0.14...6.0 mm²
- Wire-end ferrules with plastic collars H 0.5...H 6, Weidmüller colour code

Assembly

Type		Piece
STRIPAX	Stripping tool for up to 10 mm ²	1
PZ 4	Crimping tool	1
H0,5/14D W	Wire-end ferrule	500
H0,75/14D GR	Wire-end ferrule	500
H1,0/14D R	Wire-end ferrule	500
H1,5/14D SW	Wire-end ferrule	500
H2,5/15D BL	Wire-end ferrule	500
H4,0/18D GR	Wire-end ferrule	500

Technical data

Length / Width / Height	261 / 338 / 57 mm
Weight	1,780 g

Ordering data

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

Assembly

Type		Piece
PZ 3	Crimping tool	1
STRIPAX	Stripping tool for up to 10 mm ²	1
H0,5/14D W	Wire-end ferrule	500
H1,0/14D R	Wire-end ferrule	500
H1,5/14D SW	Wire-end ferrule	500
H0,75/14 HBL	Wire-end ferrule	500
H2,5/15T GR	Wire-end ferrule	500
H4,0/18T OR	Wire-end ferrule	500
H6/26T GN	Wire-end ferrule	100

Technical data

Length / Width / Height	261 / 338 / 57 mm
Weight	1,743 g

Ordering data

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

Assembly

Type		Piece
STRIPAX	Stripping tool up for to 10 mm ²	1
PZ 6 Roto	Crimping tool	1
H0,5/14D W	Wire-end ferrule	500
H1,0/14D R	Wire-end ferrule	500
H1,5/14D SW	Wire-end ferrule	500
H0,75/14 HBL	Wire-end ferrule	500
H2,5/15T GR	Wire-end ferrule	500
H4,0/18T OR	Wire-end ferrule	500
H6,0/20T GN	Wire-end ferrule	100

Technical data

Length / Width / Height	261 / 338 / 57 mm
Weight	1,760 g

Ordering data

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

Crimp-Set PZ 6 HEX



Crimp set for cutting, stripping and crimping of wire-end ferrules up to 6.0 mm², consisting of:

- Assortment box PSC 01 blank
- A8 insert (6 pieces)
- A7 insert (1 piece)
- stripax[®] stripping tool for conductors with PVC insulation from 0.08...6.0 mm²
- PZ 6 HEX crimping tool for wire-end ferrules of 0.14...6.0 mm²
- Wire-end ferrules with plastic collars 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 mm², consisting of:

- Assortment box PSC 01 blank
- A8 insert (6 pieces)
- A7 insert (1 piece)
- stripax[®] stripping tool for conductors with PVC insulation from 0.08...6.0 mm²
- PZ 6/5 crimping tool for wire-end ferrules from 0.25...10.0 mm²
- Wire-end ferrules with plastic collars 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 mm², consisting of:

- PSC 01 assortment box, clear with foam insert
- stripax[®] combination tool Plus for processing strips of linked wire-end ferrules of 0.5...2.5 mm² from Weidmüller
- Wire-end ferrules with plastic collars H 0.5...H 2.5
- Weidmüller colour code

Assembly

Type		Piece
STRIPAX	Stripping tool up for to 10 mm ²	1
PZ 6 HEX	Crimping tool for wire end	1
H0,5/14D W	Wire-end ferrule	500
H1,0/14D R	Wire-end ferrule	500
H1,5/14D SW	Wire-end ferrule	500
H0,75/14 HBL	Wire-end ferrule	500
H2,5/15T GR	Wire-end ferrule	500
H4,0/18T OR	Wire-end ferrule	500
H6/26T GN	Wire-end ferrule	100

Technical data

Length / Width / Height	216 / 338 / 57 mm
Weight	1,695 g

Ordering data

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

Assembly

Type		Piece
STRIPAX	Stripping tool up for to 10 mm ²	1
PZ 6/5	Crimping tool for wire end	1
H0,5/14D W	Wire-end ferrule	500
H1,0/14D R	Wire-end ferrule	500
H1,5/14D SW	Wire-end ferrule	500
H0,75/14 HBL	Wire-end ferrule	500
H2,5/19T GR	Wire-end ferrule	500
H4,0/18T OR	Wire-end ferrule	500
H6,0/20T GN	Wire-end ferrule	100

Technical data

Length / Width / Height	261 / 338 / 57 mm
Weight	1,761 g

Ordering data

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

Assembly

Type		Piece
H0,5/14D W BD	Wire-end ferrule	500
H0,75/14T HBL BD	Wire-end ferrule	500
H1,0/14D R BD	Wire-end ferrule	500
H1,5/14D SW BD	Wire-end ferrule	500
H2,5/14T GR BD	Wire-end ferrule	500
STRIPAX PLUS 2.5	Crimping tool	1

Technical data

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

Ordering data

Colour code	Type	Order No.
Weidmüller	CRIMP-SET STRIPAX PLUS	9028770000
DIN	CRIMP-SET STRIPAX PLUS D	9028780000
Misc.	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 mm², consisting of:

- Assortment box PSC 01 blank
- A8 insert (4 pieces)
- A7 insert (2 piece)
- stripax® stripping tool 16 for conductors with PVC insulation from 6.0...16.0 mm²
- PZ 16 crimping tool for wire-end ferrules from 6.0...16.0 mm
- Wire-end ferrules with plastic collars 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 mm², consisting of:

- Assortment box PSC 01 blank
- A7 insert (4 pieces)
- stripax® stripping tool 16 for conductors with PVC insulation from 6.0...16.0 mm²
- Crimping tool PZ ZH 16 for twin wire-end ferrules of 6.0...16.0 mm²
- Wire-end ferrules with plastic collars 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 mm², consisting of:

- Assortment box PSC 01 blank
- A7 insert (4 pieces)
- Foam insert for tools
- AM 25 sheathing stripper for round PVC cables of 6.0...25.0 mm²
- PZ 50 crimping tool for wire-end ferrules of 25, 35 and 50.0 mm²
- Wire-end ferrules with plastic collars H 25.0...H 50.0
- Weidmüller colour code

Assembly

Type		Piece
STRIPAX	Stripping tool up for to 10 mm ²	1
PZ 16	Crimping tool	1
H6,0/20T GN	Wire-end ferrule	100
H10,0/22T BR	Wire-end ferrule	100
H16,0/22T W	Wire-end ferrule	100
H16,0/28T W	Wire-end ferrule	100

Assembly

Type		Piece
STRIPAX 16	Stripping tool for up to 16 mm ²	1
PZ ZH 16	Crimping tool	1
H6,0/23T ZH GN	Wire-end ferrule	100
H6,0/29T ZH GN	Wire-end ferrule	100
H10,0/24T ZH BR	Wire-end ferrule	100
H16,0/29T ZH W	Wire-end ferrule	50

Assembly

Type		Piece
AM 25	Sheathing stripper	1
PZ 50	Crimping tool	1
H35,0/30D 16 R	Wire-end ferrule	50
H50/36D BL	Wire-end ferrule	50
H25,0/30T SW	Wire-end ferrule	50
H25,0/36T SW	Wire-end ferrule	50

Technical data

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

Technical data

Length / Width / Height	261 / 338 / 57 mm
Weight	1,812 g

Technical data

Length / Width / Height	261 / 338 / 57 mm
Weight	1,800 g

Ordering data

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

Ordering data

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

Ordering data

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

Crimp sets and accessories

Crimp-Set CTI 6



Assembly

Description of article	Type	Qty.
Stripping tool up for to 10 mm ²	STRIPAX	1
Crimping tool for insulated connectors, 0.5–6 mm ²	CTI 6 S	1
Insulated ring-cable connector 6.0 mm ² / M5	LIR 6M5 V	100
Insulated ring-cable connector 6.0 mm ² / M6	LIR 6M6 V	100
Insulated pin-cable connector 6.0 mm ² L=14 mm	LIP 6R14 V	100
Insulated ring-cable connector 2.5 mm ² / M5	LIR 2,5M5 V	100
Insulated tab-connector sleeves 2.5 mm ² / 6,3x0,8	LIF 2,5F638 R	100
Insulated pin-cable connector 1.5 mm ² L=12 mm	LIP 1,5R12 V	100
Insulated pin-cable connector 2.5 mm ² L=12 mm	LIP 2,5R12 V	100
Insulated joint connector 6.0 mm ² L=26.0 mm	LIB 6B26 VF	100
Insulated ring-cable connector 1.5 mm ² / M4	LIR 1,5M4 V	100
Insulated forked-cable connector 6.0 mm ² / M6	LIS 6M6 V	100
Insulated tab-connector sleeves 1.5 mm ² / 6.3x0.8	LIF 1,5F638 R	100
Insulated joint connector 2.5 mm ² L=24.5 mm	LIB 2,5B25 VF	100
Insulated forked-cable connector 1.5 mm ² / M4	LIS 1,5M4 V	100
Insulated forked-cable connector 2.0 mm ² / M5	LIS 2,5M5 V	100
Insulated ring-cable connector 1.5 mm ² / M5	LIR 1,5M5 V	100
Insulated ring-cable connector 2.5 mm ² / M6	LIR 2,5M6 V	100
Insulated tab-connector sleeves 1.5 mm ² / 2.8x0.8	LIF 1,5F288 R	100
Insulated tab-connector sleeves 6.0 mm ² / 6,3x0,8	LIF 6F638 R	100
Insulated joint connector 1.5 mm ² L=24.5 mm	LIB 1,5B25 VF	100
Assortment case, empty	KOF CARRYLITE 80	1

Technical data

Length / Width / Height	413 / 330 / 79 mm
Weight	5 kg

Ordering data

Type	Qty.	Order No.
Crimpsset CTI 6	1	9202600000

Crimp-Set PZ / CTI



Assembly

Description of article	Type	Qty.
Stripping tool up for to 10 mm ²	STRIPAX	1
Crimping tool for insulated connectors, 0.5-6 mm ²	CTI 6 S	1
Crimping tool	PZ 6 Roto	1
Wire-end ferrule	H0,5/14D W	500
Wire-end ferrule	H1,0/14D R	500
Wire-end ferrule	H2,5/15D BL	500
Wire-end ferrule	H4,0/18D GR	500
Wire end ferrule with plastic collar, yellow	H6,0/20D GE	100
Insulated ring-cable connector 6.0 mm ² / M6	LIR 6M6 V	100
Insulated pin-cable connector 6.0 mm ² L=14 mm	LIP 6R14 V	100
Insulated ring-cable connector 2.5 mm ² / M5	LIR 2,5M5 V	100
Insulated tab-connector sleeves 2.5 mm ² / 6.3x0.8	LIF 2,5F638 R	100
Insulated pin-cable connector 1.5 mm ² L=12 mm	LIP 1,5R12 V	100
Insulated pin-cable connector 2.5 mm ² L=12 mm	LIP 2,5R12 V	100
Insulated joint connector 6.0 mm ² L=26.0 mm	LJB 6B26 VF	100
Insulated ring-cable connector 1.5 mm ² / M4	LIR 1,5M4 V	100
Insulated tab-connector sleeves 1.5 mm ² / 6.3x0.8	LIF 1,5F638 R	100
Insulated joint connector 2.5 mm ² L=24.5 mm	LJB 2,5B25 VF	100
Insulated ring-cable connector 1.5 mm ² / M5	LIR 1,5M5 V	100
Insulated tab-connector sleeves 1.5 mm ² / 2.8x0.8	LIF 1,5F288 R	100
Insulated tab-connector sleeves 6.0 mm ² / 6.3x0.8	LIF 6F638 R	100
Insulated joint connector 1.5 mm ² L=24.5 mm	LJB 1,5B25 VF	100
Assortment case, empty	KOF CARRY LITE 80 PC RT	1

Technical data

Length / Width / Height	413 / 330 / 79 mm
Weight	5 kg

Ordering data

Type	Qty.	Order No.
Crimpsset PZ / CTI	1	9202610000

Crimp contact set



Assembly

Description of article	Type	Qty.
Wire-end ferrule	H0,5/14D W	500
Wire-end ferrule	H0,75/14D GR	500
Wire-end ferrule	H1,0/14D R	500
Wire-end ferrule	H1,5/14D SW	500
Wire-end ferrule	H2,5/15D BL	500
Wire-end ferrule	H4,0/18D GR	500
Wire end ferrule with plastic collar, yellow	H6,0/20D GE	100
Insulated ring-cable connector 6.0 mm ² / M6	LIR 6M6 V	100
Insulated pin-cable connector 6.0 mm ² L=14 mm	LIP 6R14 V	100
Insulated ring-cable connector 2.5 mm ² / M5	LIR 2,5M5 V	100
Insulated tab-connector sleeves 2.5 mm ² / 6.3x0.8	LIF 2,5F638 R	100
Insulated pin-cable connector 1.5 mm ² L=12 mm	LIP 1,5R12 V	100
Insulated pin-cable connector 2.5 mm ² L=12 mm	LIP 2,5R12 V	100
Insulated joint connector 6.0 mm ² L=26.0 mm	LJB 6B26 VF	100
Insulated ring-cable connector 1.5 mm ² / M4	LIR 1,5M4 V	100
Insulated tab-connector sleeves 1.5 mm ² / 6.3x0.8	LIF 1,5F638 R	100
Insulated joint connector 2.5 mm ² L=24.5 mm	LJB 2,5B25 VF	100
Insulated ring-cable connector 1.5 mm ² / M5	LIR 1,5M5 V	100
Insulated tab-connector sleeves 1.5 mm ² / 2.8x0.8	LIF 1,5F288 R	100
Insulated tab-connector sleeves 6.0 mm ² / 6.3x0.8	LIF 6F638 R	100
Insulated joint connector 1.5 mm ² L=24.5 mm	LJB 1,5B25 VF	100
Assortment case, empty	KOF.CARRY LITE 55 PC RT	1

Technical data

Length / Width / Height	473 / 330 / 57 mm
Weight	3,635 g

Ordering data

Type	Qty.	Order No.
Crimp-Set Kontakte	1	9202640000

Crimp sets and accessories

Crimp-Set Combi Check 1.3



Assembly

Description of article	Type	Qty.
Stripping tool up for to 10 mm ²	STRIPAX	1
Crimping tool	PZ 6 Roto	1
Wire-end ferrule	H0,5/14D W	500
Wire-end ferrule	H0,75/14D GR	500
Wire-end ferrule	H1,0/14D R	500
Wire-end ferrule	H1,5/14D SW	500
Wire-end ferrule	H2,5/15D BL	500
Wire-end ferrule	H4,0/18D GR	500
Wire end ferrule with plastic collar, yellow	H6,0/20D GE	100
Cable ties	CB 98/2.5 BLACK	100
Cable ties	CB 140/3.6 BLACK	100
Voltage tester up to 690 V / 100 Hz LED	COMBI CHECK	1
Assortment case, empty	KOFFER CARRY LITE 55	1

Technical data

Length / Width / Height	330 / 413 / 57 mm
Weight	2.5 kg

Ordering data

Type	Qty.	Order No.
Crimp-Set Combi	1	9202580000

Crimp-Set Digi Check 5.2



Assembly

Description of article	Type	Qty.
Stripping tool up for to 10 mm ²	STRIPAX	1
Crimping tool	PZ 6 Roto	1
Wire-end ferrule	H0,5/14D W	500
Wire-end ferrule	H0,75/14D GR	500
Wire-end ferrule	H1,0/14D R	500
Wire-end ferrule	H1,5/14D SW	500
Wire-end ferrule	H2,5/15D BL	500
Wire-end ferrule	H4,0/18D GR	500
Wire end ferrule with plastic collar, yellow	H6,0/20D GE	100
Cable ties	CB 98/2.5 BLACK	100
Cable ties	CB 140/3.6 BLACK	100
Voltage tester up to 690 V / 100 Hz LCD	DIGI CHECK PRO	1
Assortment case, empty	KOFFER CARRY LITE 55	1

Technical data

Length / Width / Height	330 / 413 / 57 mm
Weight	2.6 kg

Ordering data

Type	Qty.	Order No.
Crimp-Set Digi Pro	1	9202590000

Tool Set IE-POF



Contents:

- Assortment case PSC 80
- Kevlar scissors for aramid fibres
- Multifunction tool HTX-IE-POF
- Stripping tool multi-stripax® IE-POF

PV Set WM4



Contents:

- CTF PV WM4 crimping tool
- multi-stripax® PV cutting and stripping tool
- Multitool
- WM4 photovoltaic contacts
- Toolbag

Assembly

Type		Piece
HTX-IE-POF	Crimping tool	1
MULTI-STRIPAX IE-POF	Stripping tool	1
SCISSORS KEVLAR	Cable shears	1

Technical data

Length / Width / Height	241 / 338 / 79 mm
Weight	1,800 g

Ordering data

Colour code	Type	Order No.
	TOOL SET IE-POF	1208930000

Assembly

Type		Piece
CTF PV WM4	Crimping tool for Weidmüller	1
MULTI-STRIPAX PV	Stripping tool	1
MULTI-TOOL PV		1
SFGH WM4 VPE100		15
SFKO WM4 VPE100		15
BUGH WM4 VPE100		15
BUKO WM4 VPE100		15
WZTE 20 LR		1
KOF CARRY LITE 80 PC RT	Assortment case, empty	1

Technical data

Length / Width / Height	413 / 330 / 79 mm
Weight	2,500 g

Ordering data

Colour code	Type	Order No.
Weidmüller	PV SET WM4	1257780000

Inserts

Inserts

Transparent, loose-packed compartment inserts for individual interior layouts.

- Resistant to oils, acids and alkalies
- Made from unbreakable polypropylene

A7-1 / A9-1 / A9-2

Inserts for PSC4-01, PSC5-01, CARRYLITE 55, CARRYLITE 80



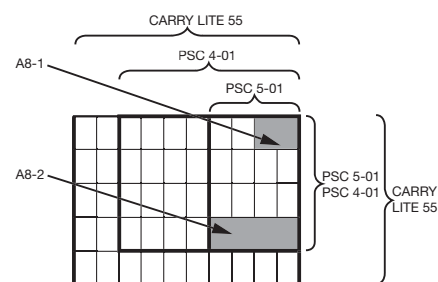
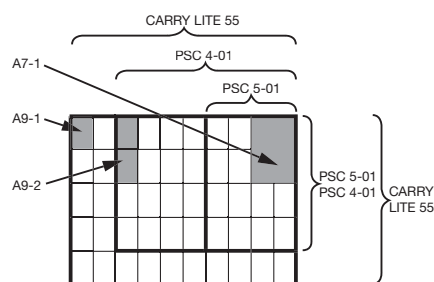
- Inserts for PSC4-01, PSC5-01, CARRYLITE 55, CARRYLITE 80

A8-1 / A8-2

Inserts for PSC4-01, PSC5-01, CARRYLITE 55, CARRYLITE 80



- Inserts for horizontal installation



Technical data

Product data	
Colour of body	
Colour of fittings	
Cover material	
Weight	g
Dimensions	
Length	mm
Width	mm
Height	mm
Note	

EINSATZ A7-1 CL55	EINSATZ A9-1 CL55	EINSATZ A9-2 CL55
Natural	Natural	Natural
32	12	20
109	55	109
79	39	39
47	47	47

EINSATZ A8-1 CL55	EINSATZ A8-2 CL55
Natural	Natural
17	40
79	177
55	55
47	47

Ordering data

Version
Note

Type	Qty.	Order No.
EINSATZ A7-1 CL55	1	9028450000
EINSATZ A9-1 CL55	50	9202020000
EINSATZ A9-2 CL55	1	9203260000

Type	Qty.	Order No.
EINSATZ A8-1 CL55	100	9028460000
EINSATZ A8-2 CL55	1	9028420000

Inserts

Transparent, loose-packed compartment inserts for individual interior layouts.

- Resistant to oils, acids and alkalies
- Made from unbreakable polypropylene

BA7-1 / BA8-1

Inserts for PSC80

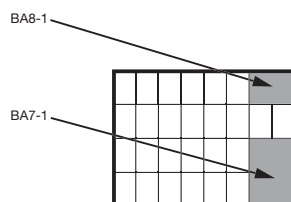


BA8-1

- Insert for horizontal installation

BA7-1

- Insert for vertical installation



Technical data

Product data	
Colour of body	
Colour of fittings	
Cover material	
Weight	g
Dimensions	
Length	mm
Width	mm
Height	mm
Note	

EINSATZ BA7-PSC 80	EINSATZ BA8-PSC 80
Natural	Natural
40	25
109	55
79	79

Ordering data

Version
Note

Type	Qty.	Order No.
EINSATZ BA7-PSC 80	1	9202320000
EINSATZ BA8-PSC 80	1	9202310000

Assortment boxes and cases

Assortment boxes and cases

- Body of case made from unbreakable polypropylene
- Portable and uncluttered storage in minimum space
- With 2 sturdy sliding catches
- Assortment cases and boxes can be placed upright and can be stacked safely without any sliding
- Can be subdivided with inserts
- U-section grid in cover and base holds the inserts in position and ensures sorted contents remain sorted
- Transparent polycarbonate cover
- Excellent shock resistance!
- With ergonomic carry handle

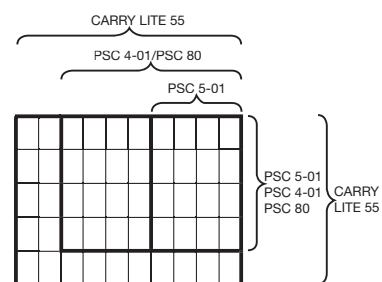
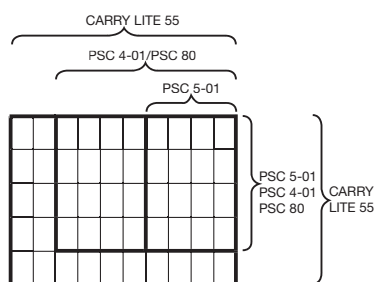
PSC4-01 / PSC 80

Assortment case, empty



CARRYLITE 55 / CARRYLITE 80

Assortment case, empty



Technical data

Product data	
Colour of body	
Colour of fittings	
Cover material	
Weight	g
Dimensions	
Length	mm
Width	mm
Height	mm
Note	

KOFFER PSC4-01	KOFFER PSC80 PC
Anthracite	Anthracite
Orange	Orange
Polycarbonate	Polycarbonate
580	630
261	261
338	338
56	

KOFFER CARRY LITE 55	KOF CARRYLITE 80
Anthracite	Anthracite
Orange	Orange
Polycarbonate	Polycarbonate
1000	1250
330	330
413	413
57	79

Ordering data

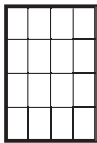
Version
Note

Type	Qty.	Order No.
KOFFER PSC4-01	1	9028860000
KOFFER PSC80 PC	1	9202330000

Type	Qty.	Order No.
KOFFER CARRY LITE 55	1	9202000000
KOF CARRYLITE 80	1	1309580000

PSC 5-01

Assortment box, empty



KOFFER PSC5-01 PP		
Anthracite		
Orange		
Polypropylene		
200		
195		
241		
56		

Type	Qty.	Order No.
KOFFER PSC5-01 PP	1	9202010000

Automatic machines

Automatic machines	Introduction	I.2
	Cable cutting machines	I.4
	Automatic strippers	I.6
	Stripping and crimping machines	I.8

Stripping and crimping machines

Stripping and crimping machines: for linked or unconnected wire-end ferrules packaged in rolls

The crimping process can be made more efficient by automating the individual process steps. Markets will be placing increasing pressure on their strategic partners to optimise installation times. Machines that can efficiently process wiring materials are a state of the art solution for meeting this demand. Weidmüller's new generation of stripping and crimping machines are equipped with a universally adjustable stripping mechanism and a user-friendly touch screen. They also feature longer servicing intervals and machine lifespans.

And, there is no need to change tools

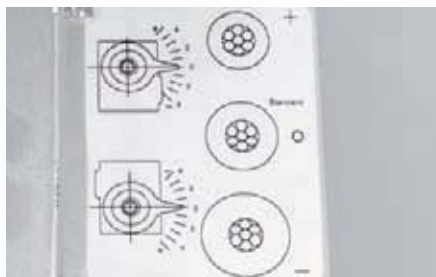
Touch screen

The new, large touch screen makes it easier to adjust and operate the machines.



Flexibility

A universally adjustable stripping mechanism comes with the machines' standard configuration. This stripping mechanism can be adjusted to fit various wire and insulation sizes.



Sturdy construction

The new, sturdier construction results in more time between servicing and a longer lifespan for the machines.



Automatic machines



CutFix 8

Cable cutting machines



The CutFix 8 is a microprocessor-controlled tool for the automatic cutting to length of solid and flexible single conductors with a max. outer diameter of 8 mm.

Repetition accuracy is achieved by a precise servo DC drive.

- Optimised dimensional accuracy due to length correction (e.g. for special insulators)
- Adjustable cable clamping force
- RS232 interface for controlling the automatic sizer via an IBM-compatible PC
- Software (supplied) enables management, documentation and transfer of cutting jobs via a PC
- Removable hand-held terminal for entering individual cutting jobs

Technical data

CutFix 8

Cutting capacity	
Single conductor, flexible	0.14...10 mm ²
Single conductor, solid	0.5...2.5 mm ²
Aperture	Max. 8 mm outer Ø
Feed rate	1.5 m/sec
Length correction	Slip correction in mm adjustable for specific articles
Keypad	4 x 4-buttons for data input
Display	4 lines/20 characters
Length preselection	2 mm to 999999 mm
Amount preselection	Adjustable partial amount preselection
Switch-off	When end of cable is reached
Memory	For up to 256 cutting jobs
Serial interface	1
Software	For data transfer to PC
Electrical connection	230 V/50 Hz
Connected load	Approx. 200 W
Dimensions D x W x H (mm)	330 x 380 x 498 with keypad 330 x 380 x 408 w/o keypad
Weight	Approx. 24 kg

Ordering data

Type	Qty.	Order No.
CutFix 8	1	9023100000

CCM

Cable cutting machines



The CCM microprocessor-controlled automatic cutter cuts to length ribbon cables, round cables, insulating conduits and tubes. Its high repeat accuracy is achieved using a precision AC servodrive. The dimensional accuracy can, for particular requirements, be optimised by means of length correction.

Using a special subprogram, it is simplicity itself for customers to adapt the program interface to their own company-specific requirements. The pressure on the cable from the drive can be adjusted by the built-in pressure regulator that controls the pneumatic opening.

Software is available that allows cutting jobs to be managed, documented and transferred. The CCM can be used wherever stationary preparation of medium and large cable series is required. It comes with handles for easy relocation.

Technical data

CCM

Cutting force	Approx. 2900 N at 6 bar operating pressure
Aperture width	75 mm
Aperture height	40 mm
Ribbon cable	Max. cable width 75 mm
Solid and sheathed cables	up to Ø 25 mm
Single conductor, flexible	0.08...70 mm ²
Single conductor, solid	0.08...16 mm ²
Insulating tubes and hoses	Up to nominal width 29 mm
Feeding speed	0 - 3 m/sec, programmable
Length correction	Slip correction in mm programmable for specific articles
Keypad	4 x 4 buttons for data input, 4 direct function buttons
Display	4 lines/40 characters
Languages	D, NL, F, UK, P, I, E, CZ
Length preselection	1 mm to 999999 mm
Amount preselection	Adjustable partial amount preselection
Switch-off	When cable end is reached
Memory	For up to 20,000 cutting jobs
Serial interface	1
Software (optional)	For data transfer to PC, additional programs for inkjet and embossing devices
Electrical connection	220 V/230 V AC
Connected load	Approx. 750 W
Air connection	6 - 10 bar
Dimensions D x W x H (mm)	470 x 360 x 370
Exit tray	200 mm
Weight	Approx. 35 kg

Ordering data

Type	Qty.	Order No.
CCM	1	9025440000

Automatic strippers

Automatic strippers

- Strips stranded wires according to DIN VDE 0295, cl. 5
- Partial stripping of insulation; the insulation remains on the wire end
- Change of tools not necessary
- Electric drive
- For small and mid-sized batches

Automatic machines are designed to process wires according to DIN VDE 0295/5, DIN VDE 0281/102 and DIN VDE 0281/103.

Processing of other wire types on request.

Powerstripper 6.0

0.14...6.0 mm²

- Quick and easy adjustment to the respective cross-section
- Stripping length: 3...20 mm
- Min. conductor length: 22 mm + stripping length

Powerstripper 16.0

2.5...16.0 mm²

- Quick and easy adjustment to the respective cross-section
- Stripping length: 3...20 mm
- Min. conductor length: 22 mm + stripping length

Technical data

Specification	
Stripping range	
Conductor length, min.	
Pull-off length	
Pulse time	
Electrical connection	
Connection values	
Tool data	
Length / Width / Height	mm
Weight	kg
Note	

Ordering data

Version
Note

POWERSTRIPPER 6,0		
Stripping range	0.14 - 6.0 mm ² (~AWG 26...10)	
Conductor length, min.	22 mm + stripping length	
Pull-off length	3...20 mm	
Pulse time	approx. 0.5 s	
Electrical connection	220 V / 50 Hz	
Connection values	46 VA	
Length / Width / Height	295 / 190 / 190	
Weight	8.8	

Type	Qty.	Order No.
POWERSTRIPPER 6,0	1	9028510000

POWERSTRIPPER 16,0		
Stripping range	2.5 - 16 mm ² (~AWG 14...6)	
Conductor length, min.	22 mm + stripping length	
Pull-off length	3...20 mm	
Pulse time	approx. 1.5 s	
Electrical connection	220 V / 50 Hz	
Connection values	46 VA	
Length / Width / Height	295 / 190 / 230	
Weight	11	

Type	Qty.	Order No.
POWERSTRIPPER 16,0	1	9028480000

Automatic strippers

- Strips stranded wires according to DIN VDE 0295, cl. 5
- Partial stripping of insulation; the insulation remains on the wire end
- Integrated sensing system for determining the wire cross-section and the resulting cutting depth
- Electric drive
- Change of tools not necessary
- For small and mid-sized batches
- Automatic adjustment to the appropriate wire cross-section

Automatic machines are designed to process wires according to DIN VDE 0295/5, DIN VDE 0281/102 and DIN VDE 0281/103.

Processing of other wire types on request.

Powerstripper auto 2.5

0.5...2.5 mm²



Power stripper auto 2.5...20

- Stripping length from 3... 20 mm
- Min. conductor length 22 mm plus stripping length

Powerstripper auto 16.0

4.0 to 16 mm²



Power stripper auto 16...20

- Stripping length from 3... 20 mm
- Min. conductor length 22 mm plus stripping length

Technical data

Specification	
Stripping range	
Conductor length, min.	
Pull-off length	
Pulse time	
Electrical connection	
Connection values	
Tool data	
Length / Width / Height	mm
Weight	kg
Note	

POWERSTRIPPER auto 2,5...20		
0.5 - 2.5 mm ² (~AWG 20...14)		
22 mm + stripping length		
1...20 mm		
approx. 0.5 s		
220 V / 50 Hz		
46 VA		
295 / 190 / 205		
9		

POWERSTRIPPER auto 16...20		
4 - 16 mm ² (~AWG 12...6)		
22 mm + stripping length		
1...20 mm		
approx. 1.5 s		
220 V / 50 Hz		
46 VA		
295 / 190 / 230		
11		

Ordering data

Version
Note

Type	Qty.	Order No.
POWERSTRIPPER ao 2,5-20	1	9027270000

Type	Qty.	Order No.
POWERSTRIPPER ao 16-20	1	9027290000

Stripping and crimping machines

Stripping and crimping machines

- For loose-packed wire-end ferrules with plastic collars
- Conductor stripping and crimping in one work step
- Oscillating conveyor for grabbing free wire-end ferrules
- Quick adjustment to the required cross-section range
- Change of tools not necessary, therefore efficient and time-saving processing

Automatic machines are designed to process wires according to DIN VDE 0295/5, DIN VDE 0281/102 and DIN VDE 0281/103.

Processing of other wire types on request.

Crimpfix 2.5 M

0.34/0.5...2.5 mm²

- Electric drive
- For smaller batches

Crimpfix 2.5 M

- 0.34 / 0.5...2.5 mm²
- Processing 0.34 mm² is possible with simple conversion tool

Crimpfix univ. / Crimpfix univ. K

0.34/0.5...2.5 mm²

- Electro-pneumatic drive
- For small and mid-sized batches

Crimpfix universal BD

- 0.5...2.5 mm²

Crimpfix universal K

- 0.34...1.0 mm²
- Processing cross-section 0.34 mm² possible with easy tool change

Technical data

Specification	
Stripping range	
Crimping length	
Length of wire-end ferrule	
Pulse time	
Cross-section range	
Electrical connection	
Compressed air connection	
Tool data	
Length / Width / Height	mm
Weight	kg
Note	

CRIMPFIX 2.5 M	
0.34/0.5... 2.5 mm ²	
6/8 mm	
12/14 mm	
approx. 1.5 s	
0.5...2.5 mm ²	
220 V / 50 Hz	
292 / 310 / 260	
15	

CRIMPFIX UNIVERSAL BD	CRIMPFIX UNIVERSAL K
0.5...2.5 mm ²	0.34...1.0 mm ²
8 mm	8 mm
12/14 mm	12/14 mm
approx. 1 s	approx. 1 s
0.5...2.5 mm ²	0.34...1 mm ²
220 V / 50 Hz	220 V / 50 Hz
5 bar	5 bar
330 / 390 / 430	330 / 390 / 430
23	23

Ordering data

Version
Note

Type	Qty.	Order No.
CRIMPFIX 2.5 M	1	9205410000

Type	Qty.	Order No.
CRIMPFIX UNIVERSAL BD	1	9028500000
CRIMPFIX UNIVERSAL K	1	9027320000

Accessories

Note

Type	Qty.	Order No.
Crimpfix 2.5 M T0.34	1	9205420000
Crimpfix 2.5 M T0.5...2.5	1	1137200000
Wire-end ferrules, see chapter J		

Type	Qty.	Order No.
Wire-end ferrules, see chapter J		

Stripping and crimping machines

- For loose-packed wire-end ferrules with plastic collars
- Conductor stripping and crimping in one work step
- Oscillating conveyor for grabbing free wire-end ferrules
- Quick adjustment to the required cross-section range
- Change of tools not necessary, therefore efficient and time-saving processing

Automatic machines are designed to process wires according to DIN VDE 0295/5, DIN VDE 0281/102 and DIN VDE 0281/103.

Processing of other wire types on request.

Crimpfix L / Crimpfix LS

0.5...2.5 mm²



- Electric/pneumatic drive
- Full electronic control
- For medium-sized batches

Crimpfix LS

- Ferrules in custom sizes can also be processed

Crimpfix LZ

2 x 0.5...2 x 1.5 mm²



For twin wire-end ferrules

- Electro/pneumatic drive
- Complete electronic control
- For medium-sized batches

Technical data

Specification	
Stripping range	
Crimping length	
Length of wire-end ferrule	
Pulse time	
Cross-section range	
Electrical connection	
Compressed air connection	
Tool data	
Length / Width / Height	mm
Weight	kg
Note	

Ordering data

Version
Note

CRIMPFIX L	CRIMPFIX LS
0.5...2.5 mm ²	0.5...2.5 mm ²
8 mm	6/8/10 mm
14 mm	12/14/16 mm
approx. 1 s	approx. 1 s
0.5...2.5 mm ²	0.5...2.5 mm ²
220 V / 50 Hz	220 V / 50 Hz
5 bar	5 bar
330 / 390 / 460	330 / 390 / 460
31	31
Special sizes, Ø D2 available on request	

Type	Qty.	Order No.
CRIMPFIX L	1	9028530000
CRIMPFIX LS	1	9028540000
Wire-end ferrules, see chapter J		

CRIMPFIX LZ
2 x 0.5 - 2 x 1.5 mm ²
8 mm
14 mm
approx. 1 s
0.5...1.5 mm ²
220 V / 50 Hz
5 bar
330 / 390 / 460
31

Type	Qty.	Order No.
CRIMPFIX LZ	1	9027310000
Wire-end ferrules, see chapter J		

Stripping and crimping machines

CA 100 C

0,14...0,34 mm²

The CA 100 C ("Compact") is an electro-pneumatic, modular crimping machine used to efficiently process unconnected (bulk-packed) ferrules with plastic collars. It is used for wires with small cross-sections of 0.14 to 0.34 mm² (AWG 26 to 22).

- For processing small cross-sections from 0.14 to 0.34 mm² (AWG 26 to 22), with 6/8 mm crimping lengths
- The removable control panel makes it convenient to operate and adjust.
- Simple, user-friendly menu navigation and touch-screen display
- Daily piece-part counter
- Short insertion length: 22 mm
- Tool is easy to change
- Quick setup and re-tooling
- Short cycle times: 1.5 s
- Crimping quality complies with DIN 46228
- Compact design
- Electro-pneumatic

CA 100

0,14...10 mm²

The CA 100 is an electro-pneumatic-driven automatic stripper and crimper for time-saving and efficient processing of loose-packed wire-end ferrules. It is designed for stationary preparation of medium-sized batches of conductors. The machine is characterised by rapid and simple operation.

- Stripping and crimping in one operation
- Electro-pneumatic drive
- Stripping and crimping range 0.14...10.0 mm²
- Processes ferrules of various lengths
- Rapid and easy conversion
- Vibration feeder takes loose ferrules

Technical data

	CA 100 C
Crimping range	0,14 ... 0,34 mm ²
Crimping lengths	6 ... 8 mm
Connection	220 V / 50 Hz
Drive	pneumatic
Compressed air connection	5 bar
Processing time	1,5 s
Size W x D x H	260 x 390 x 390
Weight	23 kg

The CA 100 C can be converted for conductor cross-sections in the ranges of 0,14 ... 0,34 mm².

Note on ordering

In order to precisely determine the required conversion tool, you will need the exact specifications for both the wire-end ferrules being processed and the conductors being processed.

Ferrules see chapter J

Detailed quotation available on request. Additional accessories can be found in Chapter J.

Technical data

	CA 100/2,5	CA 100/10
Crimping range	0,14 ... 2,5 mm ² (using respective tool)	4 ... 10 mm ²
Crimping lengths	6 ... 12 mm	6 ... 18 mm
Connection	220 V / 50 Hz	220 V / 50 Hz
Drive	pneumatic	pneumatic
Compressed air connection	5 bar	5 bar
Processing time	approx. 2,5 s	approx. 2,5 s
Crimping	trapezoidal with exchangeable tools depending on length and cross-section of the ferrule	
Size W x D x H	530 x 400 x 460	530 x 400 x 460
Weight	40 kg	40 kg
Options	Quadrocrimp Tool: For a perfect 4 sided, crimped square	

The CA 100 can be converted for conductor cross-sections in the ranges of 0.14...2.5 or 4...10 mm².

Note on ordering

In order to precisely determine the required conversion tool, you will need the exact specifications for both the wire-end ferrules being processed and the conductors being processed.

Ferrules see chapter J

Detailed quotation available on request. Additional accessories can be found in Chapter J.

CA 4/8 Indent0,14...4 mm²

The CA 4/8 Indent is an electro-pneumatic-driven automatic stripper and crimper for processing loose-packed, turned male and female contacts.

The contacts are fed automatically via an oscillating conveyor set-up.

Conductors and contacts in the 0.14 - 4.0 mm range (AWG 26-14) can be crimped normally with a 4/8 indent crimp shape, in compliance with MIL C-22520/1-01. The settings for stripping and crimp depth are motor-driven. The values can be saved in 50 different programs. The keyboard is used for configuration and programming.

Important data, functions and errors are shown on the LCD display.

With the help of the appropriate tools, the automatic crimper may be converted to various contacts and/or conductors.

It was developed for preparing conductors in medium-batch series for stationary use.

The automatic machine can be operated quickly and easily.

- Stripping and crimping in one operation
- Electro-pneumatic drive
- Strips and crimps 0.14...4.0 mm²
- Processes loose twisted pin and socket contacts
- Rapid and simple change-over
- Vibration-feeder takes 500 loose machined contacts
- 4/8-Indent crimp conforms with MIL C-22520/1-01
- Program memory for 50 contact variations
- Stripping and crimping dimensions adjusted by means of electric motor
- The CA 4/8 Indent S features an oscillating conveyor with selective feed. It uses sensors and actuators to ensure that the contacts are correctly positioned for processing.

Technical data

	CA 4/8 Indent	CA 4/8 Indent S
Stripping range	0,14 ... 2,5 mm ²	0,25 ... 4 mm ²
Connection	220 V / 50 Hz / 115 VA	220 V / 50 Hz / 115 VA
Drive	pneumatic	pneumatic
Compressed air connection	5 bar	5 bar
Processing time	approx. 2,5 s	approx. 2,5 s
Size W x D x H	450 x 490 x 420	530 x 500 x 600
Weight	40 kg	54 kg
Options	special blade fixture (profile blade, V-radius blade), special fixing device for stranded wires, shortened insertion length, monitoring of entry, feed equipped with selection unit, control of crimping force, interface	

Note on ordering

The machine is set up using sample contacts to suit the user's requirements. For this we need the name of the manufacturer, the type designation and the cross-sections of the contacts.

Detailed quotation available on request. Additional accessories can be found in our Heavy-Duty Connectors Catalogue.

Accessories

Accessories	Introduction	J.2
	Wire-end ferrules with plastic collar	J.4
	Twin wire-end ferrules with plastic collar	J.10
	Wire-end ferrules for short-circuit-proof and earth-fault-proof cables	J.13
	Wire-end ferrules with plastic collars, special sizes	J.14
	Wire-end ferrules without plastic collar	J.15
	Assortment of wire-end ferrules	J.16
	Insulated cable connectors, PVC, with conical cable entry	J.18

Accessories

Weidmüller stocks a comprehensive range of wire end ferrules and insulated cable lugs for immediate supply.

Wire end ferrules

Wire end ferrules ensure the long-term quality of electrical connections. Another advantage is their usefulness during installation. The wide range of products embraces wire end ferrules with or without plastic collars and twin wire end ferrules in all the colours normally required by users.



Insulated cable lugs

Insulated cable lugs ensure the long-term quality of electrical connections. Most of the products in the range (apart from the butt connectors) have a conical inlet. This guarantees optimum entry of the conductor as the strands are automatically centred.



CSA - US certification

The following wire-end ferrules are CSA-US certified:



- Unconnected wire-end ferrules (bulk-packaged) from 0.14 mm² to 50 mm² (~ AWG 26 – 1)
- Twin wire-end ferrules from 2 x 0.5 mm² to 2 x 16 mm² (~ AWG 20 – 6)
- Special wire-end ferrules for use in small wire chambers and with AWG wires
- Tape-packaged wire-end ferrules on reels, or on belt, from 0.5 mm² to 2.5 mm² (~ AWG 20 – 14)
- Un-insulated wire-end ferrules from 0.14 mm² to 50 mm²

UL certification

The following wire-end ferrules are UL certified:



- Unconnected wire-end ferrules (bulk packaged) from 0.14 mm² to 50 mm² (~ AWG 26 – 1)

Tools

Tools for insulated cable lugs

Tool	Order No.	0.5 - 1.5	Type of contact 1.5 - 2.5	4.0 - 6.0
CTI 6	9006120000	●	●	●
CTI 6 G	9202850000	●	●	●
HTI 15	9014400000	●	●	
Station		red	blue	yellow

Crimping tools for ferrules

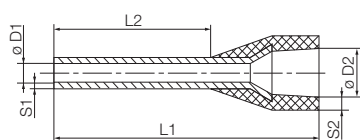
	PZ 1.5	stripax® plus 2.5	PZ 3	PZ 4	PZ 6 roto	PZ 6 HEX	PZ 6/5	PZ 16	PZ 50
Order No.	9005990000	9020000000	0567300000	9012500000	9014350000	9013650000	9011460000	9012600000	9006450000
Ferrule mm ²									
H 0.14	●				●	●			
H 0.25	●				●	●	●		
H 0.34	●				●	●	●		
H 0.5	●	● ¹	●	●	●	●	●		
H 0.75	●	● ¹	●	●	●	●	●		
H 1.0	●	● ¹	●	●	●	●	●		
H 1.5	●	● ¹	●	●	●	●	●		
H 2.5		● ¹	●	●	●	●	●		
H 4.0			●	●	●	●	●		
H 6.0			●		●	●	●	●	
H 10.0								●	
H 16.0								●	
H 25.0									●
H 35.0									●
H 50.0									●

●¹ = ferrules in strip form only

Twin wire end ferrules are to be crimped according to the following table:

Tool	Order No.	H 0.5	H 0.75	H 1.0	H 1.5	Ferrules H 2.5	H 4.0	H 6.0	H 10.0	H 16.0
PZ 1.5	9005990000	●	●							
PZ 3	0567300000	●	●	●	●	●				
PZ 4	9012500000	●	●	●	●	●				
PZ 6 roto	9014350000	●	●	●	●	●	●			
PZ 6/5	9011460000		●	●	●	●	●			
Station		1.5 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	4 mm ²	6 mm ²			
PZ ZH 16	9013600000							●	●	●

Wire-end ferrules with plastic collars



- Polypropylene conical entry funnel
- Heat-resistant up to 105 °C
- The entry funnel can also be manufactured from a non-flammable material on request

For conductors from 0.14-150 mm² (AWG 26-300MCM)

Material E-Cu, electro-galvanised

Dimensional tolerance acc. to DIN 46228 Part 4

Weidmüller colour code

Packed loose



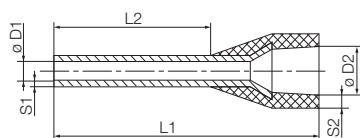
Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.25/10	0.25	AWG 24	10.00	6	0.8	1.8	0.15	0.25	8	LightBlue	500	9025740000
H0.25/12	0.25	AWG 24	12.00	8	0.8	1.8	0.15	0.25	10	LightBlue	500	9025760000
H0.34/10	0.34	AWG 22	10.00	6	0.8	2	0.15	0.25	8	Turquoise	500	9025750000
H0.34/12	0.34	AWG 22	12.00	8	0.8	2	0.15	0.25	10	Turquoise	500	9025770000
H0.5/12	0.5	AWG 20	12.00	6	1	2.6	0.15	0.25	8	Orange	500	0409500000
H0.5/14	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	Orange	500	0690700000
H0.5/16	0.5	AWG 20	16.00	10	1	2.6	0.15	0.25	12	Orange	500	9025870000
H0.5/18	0.5	AWG 20	18.00	12	1	2.6	0.15	0.25	14	Orange	500	1076980000
H0.75/12	0.75	AWG 18	12.00	6	1.2	2.8	0.15	0.25	8	White	500	0409600000
H0.75/14	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	White	500	0462900000
H0.75/16	0.75	AWG 18	16.00	10	1.2	2.8	0.15	0.25	12	White	500	9025860000
H0.75/18	0.75	AWG 18	18.00	12	1.2	2.8	0.15	0.25	14	White	500	9025910000
H1.0/12	1	AWG 17	12.00	6	1.4	3	0.15	0.25	8	Yellow	500	0409700000
H1.0/14	1	AWG 17	14.00	8	1.4	3	0.15	0.25	10	Yellow	500	0463000000
H1.0/16	1	AWG 17	16.00	10	1.4	3	0.15	0.25	12	Yellow	500	9025950000
H1.0/18	1	AWG 17	18.00	12	1.4	3	0.15	0.25	15	Yellow	500	9025930000
H1.5/14	1.5	AWG 16	14.00	8	1.7	3.5	0.15	0.25	10	Red	500	0463100000
H2.5/14D	2.5	AWG 14	15.00	8	2.2	4.2	0.15	0.25	10	Blue	500	9019160000
H1.5/16	1.5	AWG 16	16.00	10	1.7	3.5	0.15	0.25	12	Red	500	0635100000
H2.5/18D	2.5	AWG 14	19.00	12	2.2	4.2	0.15	0.25	14	Blue	500	9019170000
H1.5/24	1.5	AWG 16	24.00	18	1.7	3.5	0.15	0.25	20	Red	500	0565600000
H2.5/24D	2.5	AWG 14	25.00	18	2.2	4.2	0.15	0.25	20	Blue	500	9019180000
H4.0/17D	4	AWG 12	18.00	10	2.8	4.8	0.2	0.3	12	Grey	500	9019190000
H4.0/20D	4	AWG 12	20.00	12	2.8	4.8	0.2	0.3	14	Grey	500	9019200000
H4.0/26D	4	AWG 12	26.00	18	2.8	4.8	0.2	0.3	20	Grey	100	9019210000
H6.0/20	6	AWG 10	20.00	12	3.5	6.3	0.2	0.3	14	Black	100	0533500000
H6.0/26	6	AWG 10	26.00	18	3.5	6.3	0.2	0.3	20	Black	100	0565700000
H10.0/22	10	AWG 7	22.00	12	4.5	7.6	0.2	0.4	15	Ivory	100	0534200000
H10.0/28	10	AWG 7	28.00	18	4.5	7.6	0.2	0.4	21	Ivory	100	0565800000
H16.0/24	16	AWG 6	22.00	12	5.8	8.8	0.2	0.4	15	Green	100	0565900000
H16.0/28	16	AWG 6	28.00	18	5.8	8.8	0.2	0.4	21	Green	200	0566000000
H25.0/30	25	AWG 3	30.00	16	7.3	11.2	0.2	0.4	18	Brown	50	0317000000
H25.0/36	25	AWG 3	36.00	22	7.3	11.2	0.2	0.4	24	Brown	50	0317100000
H35.0/30	35	AWG 2	30.00	16	8.3	12.7	0.2	0.4	19	Beige	50	0317200000
H35.0/39	35	AWG 2	39.00	25	8.3	12.7	0.2	0.4	28	Beige	50	0317300000
H50.0/36	50	AWG 1	36.00	20	10.3	15	0.3	0.5	26	Olive	50	0444200000
H70.0/40	70	AWG 2/0	37.00	21	12.7	16	0.35	0.6	26	Yellow	25	9028200000
H95.0/44	95	AWG 3/0	44.00	25	14.7	18	0.35	0.6	31	Red	25	9028210000
H120.0/50	120	AWG 4/0	50.00	30	16.5	21	0.5	0.7	36	Blue	25	9028220000
H150.0/54	150	AWG 300 M	54.00	32	18.5	23.5	0.5	0.75	38	Yellow	25	9028230000

Weidmüller colour code

In multi-pack bag



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.14/10	0.14	AWG 26	10.00	6	0.6	1.5	0.15	0.25	8	Grey	500	9005180000
H0.14/12	0.14	AWG 26	12.00	8	0.6	1.5	0.15	0.25	10	Grey	500	9028240000
H0.25/10	0.25	AWG 24	10.00	6	0.8	1.8	0.15	0.25	8	Light Blue	500	9026050000
H0.25/12	0.25	AWG 24	12.00	8	0.8	1.8	0.15	0.25	10	Light Blue	500	9025780000
H0.34/10	0.34	AWG 22	10.00	6	0.8	2	0.15	0.25	8	Turquoise	500	9026030000
H0.34/12	0.34	AWG 22	12.00	8	0.8	2	0.15	0.25	10	Turquoise	500	9025790000
H0.5/10	0.5	AWG 20	12.00	6	1	2.6	0.15	0.25	8	Orange	500	9028260000
H0.5/14	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	Orange	500	9026060000
H0.5/16	0.5	AWG 20	16.00	10	1	2.6	0.15	0.25	12	Orange	500	9028270000
H0.75/12	0.75	AWG 18	12.00	6	1.2	2.8	0.15	0.25	8	White	500	9028280000
H0.75/14	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	White	500	9026070000
H0.75/16	0.75	AWG 18	16.00	10	1.2	2.8	0.15	0.25	12	White	500	9028290000
H0.75/18	0.75	AWG 18	18.00	12	1.2	2.8	0.15	0.25	14	White	500	9028300000
H1.0/12	1	AWG 17	12.00	6	1.4	3	0.15	0.25	8	Yellow	500	9028310000
H1.0/14	1	AWG 17	14.00	8	1.4	3	0.15	0.25	10	Yellow	500	9026080000
H1.0/16	1	AWG 17	16.00	10	1.4	3	0.15	0.25	12	Yellow	500	9028320000
H1.0/18	1	AWG 17	18.00	12	1.4	3	0.15	0.25	15	Yellow	500	9028340000
H1.5/14	1.5	AWG 16	14.00	8	1.7	3.5	0.15	0.25	10	Red	500	9026090000
H1.5/16	1.5	AWG 16	16.00	10	1.7	3.5	0.15	0.25	12	Red	500	9028350000
H2.5/14	2.5	AWG 14	15.00	8	2.2	4.2	0.15	0.25	10	Blue	500	9026100000
H4.0/17	4	AWG 12	18.00	10	2.8	4.8	0.2	0.3	12	Grey	250	9026010000



- Polypropylene conical entry funnel
- Heat-resistant up to 105 °C
- The entry funnel can also be manufactured from a non-flammable material on request

For conductors from 0.14-150 mm² (AWG 26-300MCM)

Material E-Cu, electro-galvanised

Dimensional tolerance acc. to DIN 46228 Part 4

Weidmüller colour code

Strips of linked wire-end ferrules



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/14	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	Orange	500	9004270000
H0.75/14	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	White	500	9004290000
H1.0/14	1	AWG 17	14.00	8	1.4	3	0.15	0.25	10	Yellow	500	9004320000
H1.5/14	1.5	AWG 16	14.00	8	1.7	3.2	0.15	0.25	10	Red	500	9004340000
H2.5/14D	2.5	AWG 14	14.00	8	2.5	4	0.15	0.25	11	Blue	500	9004360000

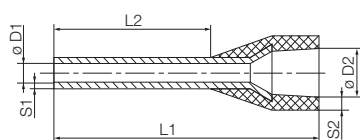
Weidmüller colour code

Reel of linked wire-end ferrules



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.34/12	0.34	AWG 22	12.00	8	0.8	2	0.15	0.25	10	Turquoise	5000	9004390000
H0.5/14	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	Orange	5000	9005810000
H0.75/14	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	White	5000	9005820000
H1.0/14	1	AWG 17	14.00	8	1.4	3	0.15	0.25	10	Yellow	5000	9005830000
H1.5/14	1.5	AWG 16	14.00	8	1.7	3.2	0.15	0.25	10	Red	5000	9005840000
H2.5/14D	2.5	AWG 14	14.00	8	2.2	4	0.15	0.25	10	Blue	3000	9005850000

Wire-end ferrules with plastic collars



- Polypropylene conical entry funnel
- Heat-resistant up to 105 °C
- The entry funnel can also be manufactured from a non-flammable material on request

For conductors from 0.14-150 mm² (AWG 26-300MCM)

Material E-Cu, electro-galvanised

Dimensional tolerance acc. to DIN 46228 Part 4

DIN colour code

Packed loose



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	VG*	Qty.	Order No.
H0.5/18D	0.5	AWG 20	18.00	12	1	2.6	0.15	0.25	14	○ White	T 20A 003 A	500	1076990000
H0.5/12D	0.5	AWG 20	12.00	6	1	2.6	0.15	0.25	8	○ White	T 20A 001 A	500	9019000000
H0.5/14D	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	○ White	T 20A 002 A	500	9019010000
H0.5/16D	0.5	AWG 20	16.00	10	1	2.6	0.15	0.25	12	○ White	T 20A 003 A	500	9019020000
H0.75/14D	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	● Grey	T 20A 004 A	500	9019040000
H0.75/12D	0.75	AWG 18	12.00	6	1.2	2.8	0.15	0.25	8	● Grey	T 20A 005 A	500	9019030000
H0.75/16D	0.75	AWG 18	16.00	10	1.2	2.8	0.15	0.25	12	● Grey	T 20A 006 A	500	9019050000
H0.75/18D	0.75	AWG 18	18.00	12	1.2	2.8	0.15	0.25	14	● Grey	T 20A 007 A	500	9019060000
H1.0/12D	1	AWG 17	12.00	6	1.4	3	0.15	0.25	8	● Red	T 20A 008 A	500	9019070000
H1.0/14D	1	AWG 17	14.00	8	1.4	3	0.15	0.25	10	● Red	T 20A 009 A	500	9019080000
H1.0/16D	1	AWG 17	16.00	10	1.4	3	0.15	0.25	12	● Red	T 20A 010 A	500	9019100000
H1.0/18D	1	AWG 17	18.00	12	1.4	3	0.15	0.25	15	● Red	T 20A 011 A	500	9019110000
H1.5/14D	1.5	AWG 16	14.00	8	1.7	3.5	0.15	0.25	10	● Black	T 20A 012 A	500	9019120000
H1.5/16D	1.5	AWG 16	16.00	10	1.7	3.5	0.15	0.25	12	● Black	T 20A 013 A	500	9019130000
H1.5/18D	1.5	AWG 16	18.00	12	1.7	3.5	0.15	0.25	15	● Black	T 20A 014 A	500	9019140000
H1.5/24D	1.5	AWG 16	24.00	18	1.7	3.5	0.15	0.25	20	● Black	T 20A 015 A	500	9019150000
H2.5/14D	2.5	AWG 14	15.00	8	2.2	4.2	0.15	0.25	10	● Blue	T 20A 017 A	500	9019160000
H2.5/18D	2.5	AWG 14	19.00	12	2.2	4.2	0.15	0.25	14	● Blue	T 20A 017 A	500	9019170000
H2.5/24D	2.5	AWG 14	25.00	18	2.2	4.2	0.15	0.25	20	● Blue	T 20A 018 A	500	9019180000
H4.0/17D	4	AWG 12	18.00	10	2.8	4.8	0.2	0.3	12	● Grey	T 20A 019 A	500	9019190000
H4.0/20D	4	AWG 12	20.00	12	2.8	4.8	0.2	0.3	14	● Grey	T 20A 020 A	500	9019200000
H4.0/26D	4	AWG 12	26.00	18	2.8	4.8	0.2	0.3	20	● Grey	T 20A 021 A	100	9019210000
H6.0/20D	6	AWG 10	20.00	12	3.5	6.3	0.2	0.3	14	● Yellow	T 20A 022 A	100	9019220000
H6.0/26D	6	AWG 10	26.00	18	3.5	6.3	0.2	0.3	20	● Yellow	T 20A 023 A	100	9019230000
H10.0/22D	10	AWG 7	22.00	12	4.5	7.6	0.2	0.4	15	● Red	T 20A 024 A	100	9019240000
H10.0/28D	10	AWG 7	28.00	18	4.5	7.6	0.2	0.4	21	● Red	T 20A 025 A	100	9019250000
H16.0/24D	16	AWG 6	22.00	12	5.8	8.8	0.2	0.4	15	● Blue	T 20A 026 A	100	9019260000
H16.0/28D	16	AWG 6	28.00	18	5.8	8.8	0.2	0.4	21	● Blue	T 20A 027 A	100	9019270000
H25.0/30D	25	AWG 3	30.00	16	7.3	11.2	0.2	0.4	18	● Yellow	T 20A 028 A	50	9019280000
H25.0/36D	25	AWG 3	36.00	22	7.3	11.2	0.2	0.4	24	● Yellow	T 20A 030 A	50	9019300000
H35.0/30D	35	AWG 2	30.00	16	8.3	12.7	0.2	0.4	19	● Red	T 20A 031 A	50	9019310000
H35.0/30D	35	AWG 2	32.00	18	8.3	12.7	0.2	0.4	19	● Red	T 20A 032 A	50	9019320000
H35.0/39D	35	AWG 2	39.00	25	8.3	12.7	0.2	0.4	28	● Red	T 20A 033 A	50	9019330000
H50.0/40D	50	AWG 1	41.00	25	10.3	15	0.3	0.5	31	● Blue	T 20A 035 A	50	9019350000
H50.0/36D	50	AWG 1	36.00	20	10.3	15	0.3	0.5	26	● Blue	T 20A 034 A	50	9019340000

DIN colour code

In multi-pack bag



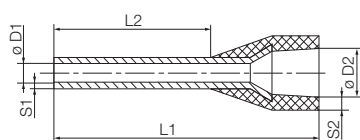
Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	VG*	Qty.	Order No.
H0.75/14D	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	● Grey	T 20A 005 A	500	9019410000
H0.5/14D	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	○ White	T 20A 002 A	500	9019400000
H1.0/14D	1	AWG 17	14.00	8	1.4	3	0.15	0.25	10	● Red	T 20A 009 A	500	9019420000
H1.5/14D	1.5	AWG 16	14.00	8	1.7	3.5	0.15	0.25	10	● Black	T 20A 012 A	500	9019430000
H2.5/14	2.5	AWG 14	15.00	8	2.2	4.2	0.15	0.25	10	● Blue	T 20A 017 A	500	9026100000
H4.0/17	4	AWG 12	18.00	10	2.8	4.8	0.2	0.3	12	● Grey	T 20A 019 A	250	9026010000

DIN colour code

Strips of linked wire-end ferrules



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	VG*	Qty.	Order No.
H0.5/14D	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	○ White	T 20A 002 A	500	9004280000
H0.75/14D	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	● Grey	T 20A 005 A	500	9004300000
H1.0/14D	1	AWG 17	14.00	8	1.4	3	0.15	0.25	10	● Red	T 20A 009 A	500	9004330000
H1.5/14D	1.5	AWG 16	14.00	8	1.7	3.2	0.15	0.25	10	● Black	T 20A 012 A	500	9004350000
H2.5/14D	2.5	AWG 14	14.00	8	2.5	4	0.15	0.25	11	● Blue	T 20A 017 A	500	9004360000



- Polypropylene conical entry funnel
- Heat-resistant up to 105 °C
- The entry funnel can also be manufactured from a non-flammable material on request

For conductors from 0.14-150 mm² (AWG 26-300MCM)

Material E-Cu, electro-galvanised

Dimensional tolerance acc. to DIN 46228 Part 4

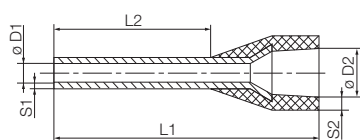
DIN colour code

Reel of linked wire-end ferrules



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/14D	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	○ White	5000	9005860000
H0.75/14	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	● Grey	5000	9005870000
H1.0/14D	1	AWG 17	14.00	8	1.4	3	0.15	0.25	10	● Red	5000	9005880000
H1.5/14D	1.5	AWG 16	14.00	8	1.7	3.2	0.15	0.25	10	● Black	5000	9005890000
H2.5/14D	2.5	AWG 14	14.00	8	2.2	4	0.15	0.25	10	● Blue	3000	9005850000

Wire-end ferrules with plastic collars



- Polypropylene conical entry funnel
- Heat-resistant up to 105 °C
- The entry funnel can also be manufactured from a non-flammable material on request

For conductors from 0.14-150 mm² (AWG 26-300MCM)

Material E-Cu, electro-galvanised

Dimensional tolerance acc. to DIN 46228 Part 4

Other colour code

Packed loose



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.25/10T	0.25	AWG 24	10.00	6	0.8	1.8	0.15	0.25	8	Yellow	500	9021010000
H0.25/12T	0.25	AWG 24	12.00	8	0.8	1.8	0.15	0.25	10	Yellow	500	9021020000
H0.5/12D	0.5	AWG 20	12.00	6	1	2.6	0.15	0.25	8	White	500	9019000000
H0.5/14D	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	White	500	9019010000
H0.5/16D	0.5	AWG 20	16.00	10	1	2.6	0.15	0.25	12	White	500	9019020000
H0.75/12D	0.75	AWG 18	12.00	6	1.2	2.8	0.15	0.25	8	Grey	500	9019030000
H0.75/14	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	LightBlue	500	9021040000
H0.75/16T	0.75	AWG 18	16.00	10	1.2	2.8	0.15	0.25	12	LightBlue	500	9021050000
H0.75/18T	0.75	AWG 18	18.00	12	1.2	2.8	0.15	0.25	14	LightBlue	500	9021060000
H1.0/16D	1	AWG 17	16.00	10	1.4	3	0.15	0.25	12	Red	500	9019100000
H1.0/18D	1	AWG 17	18.00	12	1.4	3	0.15	0.25	15	Red	500	9019110000
H1.5/14D	1.5	AWG 16	14.00	8	1.7	3.5	0.15	0.25	10	Black	500	9019120000
H1.5/16D	1.5	AWG 16	16.00	10	1.7	3.5	0.15	0.25	12	Black	500	9019130000
H1.5/18D	1.5	AWG 16	18.00	12	1.7	3.5	0.15	0.25	15	Black	500	9019140000
H1.5/24D	1.5	AWG 16	24.00	18	1.7	3.5	0.15	0.25	20	Black	500	9019150000
H2.5/14T	2.5	AWG 14	15.00	8	2.2	4.2	0.15	0.25	10	Grey	500	9021070000
H2.5/18T	2.5	AWG 14	19.00	12	2.2	4.2	0.15	0.25	14	Grey	500	9021080000
H2.5/24T	2.5	AWG 14	25.00	18	2.2	4.2	0.15	0.25	20	Grey	500	9021090000
H4.0/17T	4	AWG 12	18.00	10	2.8	4.8	0.2	0.3	12	Orange	500	9021100000
H4.0/20T	4	AWG 12	20.00	12	2.8	4.8	0.2	0.3	14	Orange	500	9021110000
H4.0/26T	4	AWG 12	26.00	18	2.8	4.8	0.2	0.3	20	Orange	100	9021120000
H6.0/20T	6	AWG 10	20.00	12	3.5	6.3	0.2	0.3	14	Green	100	9021130000
H6.0/26T	6	AWG 10	26.00	18	3.5	6.3	0.2	0.3	20	Green	100	9021140000
H10.0/22T	10	AWG 7	22.00	12	4.5	7.6	0.2	0.4	15	Brown	100	9021150000
H10.0/28T	10	AWG 7	28.00	18	4.5	7.6	0.2	0.4	21	Brown	100	9021160000
H16.0/24T	16	AWG 6	22.00	12	5.8	8.8	0.2	0.4	15	White	100	9021170000
H16.0/28T	16	AWG 6	28.00	18	5.8	8.8	0.2	0.4	21	White	100	9021180000
H25.0/30T	25	AWG 3	30.00	16	7.3	11.2	0.2	0.4	18	Black	50	9021190000
H25.0/36T	25	AWG 3	36.00	22	7.3	11.2	0.2	0.4	24	Black	50	9021200000

Other colour code

In multi-pack bag



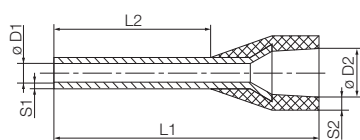
Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.14/10T	0.14	AWG 26	10.00	6	0.6	1.5	0.15	0.25	8	Brown	500	9028250000
H0.25/10T	0.25	AWG 24	10.00	6	0.8	1.8	0.15	0.25	8	Yellow	500	9021210000
H0.25/12T	0.25	AWG 24	12.00	8	0.8	1.8	0.15	0.25	10	Yellow	500	9021220000
H0.5/14D	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	White	500	9019400000
H0.75/14T	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	Light Blue	500	9021230000
H1.0/14D	1	AWG 17	14.00	8	1.4	3	0.15	0.25	10	Red	500	9019420000
H1.5/14D	1.5	AWG 16	14.00	8	1.7	3.5	0.15	0.25	10	Black	500	9019430000
H2.5/14T	2.5	AWG 14	15.00	8	2.2	4.2	0.15	0.25	10	Grey	500	9021240000
H4.0/17T	4	AWG 12	18.00	10	2.8	4.8	0.2	0.3	12	Orange	250	9021250000

Other colour code

Strips of linked wire-end ferrules



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/14D	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	White	500	9004280000
H0.75/14T	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	Light Blue	500	9004310000
H1.0/14D	1	AWG 17	14.00	8	1.4	3	0.15	0.25	10	Red	500	9004330000
H1.5/14D	1.5	AWG 16	14.00	8	1.7	3.2	0.15	0.25	10	Black	500	9004350000
H2.5/14T	2.5	AWG 14	14.00	8	2.2	4	0.15	0.25	11	Grey	500	9004370000



- Polypropylene conical entry funnel
- Heat-resistant up to 105 °C
- The entry funnel can also be manufactured from a non-flammable material on request

For conductors from 0.14-150 mm² (AWG 26-300MCM)

Material E-Cu, electro-galvanised

Dimensional tolerance acc. to DIN 46228 Part 4

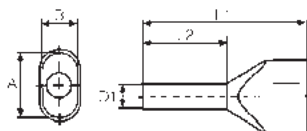
Other colour code

Reel of linked wire-end ferrules



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/14D	0.5	AWG 20	14.00	8	1	2.6	0.15	0.25	10	○ White	5000	9005860000
H0.75/14T	0.75	AWG 18	14.00	8	1.2	2.8	0.15	0.25	10	● Blue	5000	9005900000
H1.0/14D	1	AWG 17	14.00	8	1.4	3	0.15	0.25	10	● Red	5000	9005880000
H1.5/14D	1.5	AWG 16	14.00	8	1.7	3.2	0.15	0.25	10	● Black	5000	9005890000
H2.5/14T	2.5	AWG 14	14.00	8	2.2	4	0.15	0.25	10	● Grey	3000	9005910000

Twin wire-end ferrules with plastic collars



- Polypropylene conical entry funnel
- Heat-resistant up to 105 °C
- The entry funnel can also be manufactured from a non-flammable material on request

For conductors of 2 x 0.5-2 x 16 mm² (2 x AWG 20-2 x AWG6)

Material E-Cu, electro-galvanised

Dimensional tolerance acc. to DIN 46228 Part 4

Weidmüller colour code

Packed loose



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15	0.5	AWG 20	14.00	8	1.4		0.15	0.3	11	Orange	500	9037200000
H0.5/16.5	0.5	AWG 20	16.00	10	1.4		0.15	0.3	13	Orange	500	9037210000
H0.5/18.5	0.5	AWG 20	18.00	12	1.4		0.15	0.3	15	Orange	500	9037220000
H0.75/15	0.75	AWG 18	14.00	8	1.7		0.15	0.3	11	White	500	9037230000
H0.75/17	0.75	AWG 18	16.00	10	1.7		0.15	0.3	13	White	500	9037240000
H0.75/19S	0.75	AWG 18	19.00	12	1.7		0.15	0.3	21	White	500	9202820000
H0.75/24.5	0.75	AWG 18	24.00	18	1.7		0.15	0.3	21	White	500	9037250000
H1.0/15	1	AWG 17	15.00	8	2		0.15	0.3	11	Yellow	500	9037260000
H1.0/15S	1	AWG 17	15.00	8	2.2		0.15	0.3	12	Yellow	500	9018690000
H1.0/20	1	AWG 17	19.00	12	2		0.15	0.3	16	Yellow	500	9037270000
H1.0/25.6	1	AWG 17	25.00	18	2		0.15	0.3	22	Yellow	500	9037280000
H1.5/16	1.5	AWG 16	16.00	8	2.2		0.15	0.3	11	Red	500	9037290000
H1.5/20	1.5	AWG 16	20.00	12	2.2		0.15	0.3	15	Red	500	9037300000
H1.5/25.6	1.5	AWG 16	26.00	18	2.2		0.15	0.3	21	Red	100	9037310000
H2.5/18.5D	2.5	AWG 14	19.00	10	2.8		0.15	0.4	13	Blue	500	9037500000
H2.5/20.5D	2.5	AWG 14	21.00	12	2.8		0.15	0.4	15	Blue	100	9037510000
H2.5/26.5D	2.5	AWG 14	27.00	18	2.8		0.15	0.4	21	Blue	100	9037520000
H4.0/22D	4	AWG 12	22.00	12	3.5		0.2	0.5	15	Grey	100	9037530000
H4.0/28D	4	AWG 12	28.00	18	3.5		0.2	0.5	21	Grey	100	9037540000
H6.0/25	6	AWG 10	23.00	12	4.5		0.2	0.5	20	Black	100	9037320000
H6.0/29	6	AWG 10	29.00	18	4.5		0.2	0.5	24	Black	100	9037330000
H10.0/26	10	AWG 7	24.00	12	5.8		0.2	0.5	17	Ivory	100	9037340000
H10.0/30	10	AWG 7	30.00	18	5.8		0.2	0.5	23	Ivory	100	9037350000
H10.0/24S	10	AWG 7	24.00	12	6.5		0.2	0.5	17	Ivory	100	9018860000
H10.0/30S	10	AWG 7	30.00	18	6.5		0.2	0.5	23	Ivory	100	9018870000
H16.0/29	16	AWG 6	29.00	16	8.3		0.3	0.6	20	Green	50	9037360000
H16.0/38	16	AWG 6	38.00	25	8.3		0.3	0.6	29	Green	50	9037370000

Weidmüller colour code

In multi-pack bag



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15	0.5	AWG 20	14.00	8	1.4		0.15	0.3	11	Orange	500	9004440000
H0.75/15	0.75	AWG 18	14.00	8	1.7		0.15	0.3	11	White	500	9018510000
H0.75/17	0.75	AWG 18	16.00	10	1.7		0.15	0.3	13	White	500	9004900000
H1.0/15	1	AWG 17	15.00	8	2		0.15	0.3	12	Yellow	500	9018530000
H1.0/15S	1	AWG 17	15.00	8	2.2		0.15	0.3	12	Yellow	500	9018650000
H1.0/20	1	AWG 17	19.00	12	2		0.15	0.3	16	Yellow	500	9004910000
H1.5/16	1.5	AWG 16	16.00	8	2.2		0.15	0.3	11	Red	500	9004410000
H2.5/18.5D	2.5	AWG 14	19.00	10	2.8		0.15	0.4	13	Blue	250	9004920000
H1.5/20	1.5	AWG 16	20.00	12	2.2		0.15	0.3	15	Red	500	9004430000
H2.5/20.5D	2.5	AWG 14	21.00	12	2.8		0.15	0.4	15	Blue	250	9004740000
H4.0/22D	4	AWG 12	22.00	12	3.5		0.2	0.5	15	Grey	100	9004730000
H6.0/25	6	AWG 10	23.00	12	4.5		0.2	0.5	20	Black	100	9004930000
H10.0/26	10	AWG 7	24.00	12	5.8		0.2	0.5	17	Ivory	100	9004940000



Dimensional tolerance acc. to DIN 46228 Part 4

Packed loose



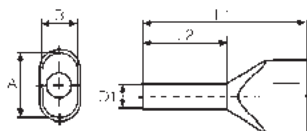
Type	Ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15D	0.5	AWG 20	14.00	8	1.4		0.15	0.3	11	 White	500	9037380000
H0.5/16.5D	0.5	AWG 20	16.00	10	1.4		0.15	0.3	13	 White	500	9037390000
H0.5/18.4D	0.5	AWG 20	18.00	12	1.4		0.15	0.3	15	 White	500	9037400000
H0.75/15D	0.75	AWG 18	14.00	8	1.7		0.15	0.3	11	 Grey	500	9037410000
H0.75/17D	0.75	AWG 18	16.00	10	1.7		0.15	0.3	13	 Grey	500	9037420000
H0.75/19DS	0.75	AWG 18	19.00	12	1.7		0.15	0.3	21	 Grey	500	9202830000
H0.75/24.5D	0.75	AWG 18	24.00	18	1.7		0.15	0.3	21	 Grey	500	9037430000
H1.0/15D	1	AWG 17	15.00	8	2		0.15	0.3	11	 Red	500	9037440000
H1.0/20D	1	AWG 17	19.00	12	2		0.15	0.3	16	 Red	500	9037450000
H1.0/22DS	1	AWG 17	22.00		2		0.15	0.3	21	 Red	500	9036330000
H1.0/25.6D	1	AWG 17	25.00	18	2		0.15	0.3	22	 Red	500	9037460000
H1.5/16D	1.5	AWG 16	16.00	8	2.2		0.15	0.3	11	 Black	500	9037470000
H1.5/20D	1.5	AWG 16	20.00	12	2.2		0.15	0.3	15	 Black	500	9037480000
H1.5/25.6D	1.5	AWG 16	25.00	18	2.2		0.15	0.3	21	 Black	100	9037490000
H2.5/18.5D	2.5	AWG 14	19.00	10	2.8		0.15	0.4	13	 Blue	500	9037500000
H2.5/20.5D	2.5	AWG 14	21.00	12	2.8		0.15	0.4	15	 Blue	100	9037510000
H2.5/26.5D	2.5	AWG 14	27.00	18	2.8		0.15	0.4	21	 Blue	100	9037520000
H4.0/22D	4	AWG 12	22.00	12	3.5		0.2	0.5	15	 Grey	100	9037530000
H4.0/28D	4	AWG 12	28.00	18	3.5		0.2	0.5	21	 Grey	100	9037540000
H6.0/25D	6	AWG 10	23.00	12	4.5		0.2	0.5	20	 Yellow	100	9037550000
H6.0/29D	6	AWG 10	29.00	18	4.5		0.2	0.5	24	 Yellow	100	9037560000
H10.0/26D	10	AWG 7	24.00	12	5.8		0.2	0.5	17	 Red	100	9037570000
H10.0/24DS	10	AWG 7	24.00	12	6.5		0.2	0.5	17	 Red	100	9018880000
H10.0/30D	10	AWG 7	30.00	18	5.8		0.2	0.5	23	 Red	100	9037580000
H10.0/30DS	10	AWG 7	30.00	18	6.5		0.2	0.5	23	 Red	100	9018890000
H16.0/29D	16	AWG 6	29.00	16	8.3		0.3	0.6	20	 Blue	50	9037590000
H16.0/38D	16	AWG 6	38.00	25	8.3		0.3	0.6	29	 Blue	50	9037600000

In multi-pack bag



Type	Ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15D	0.5	AWG 20	14.00	8	1.4		0.15	0.3	11	 White	500	9004780000
H0.75/15D	0.75	AWG 18	14.00	8	1.7		0.15	0.3	11	 Grey	500	9018520000
H1.0/15D	1	AWG 17	15.00	8	2.2		0.15	0.3	12	 Red	500	9018540000
H1.0/20D	1	AWG 17	19.00	12	2		0.15	0.3	16	 Red	500	9004760000
H0.75/17D	0.75	AWG 18	16.00	10	1.7		0.15	0.3	13	 Grey	500	9004770000
H1.5/16D	1.5	AWG 16	16.00	8	2.2		0.15	0.3	11	 Black	500	9004420000
H1.5/20D	1.5	AWG 16	20.00	12	2.2		0.15	0.3	15	 Black	500	9004750000
H2.5/18.5D	2.5	AWG 14	19.00	10	2.8		0.15	0.4	13	 Blue	250	9004430000
H2.5/20.5D	2.5	AWG 14	21.00	12	2.8		0.15	0.4	15	 Blue	250	9004740000
H4.0/22D	4	AWG 12	22.00	12	3.5		0.2	0.5	15	 Grey	100	9004730000
H6.0/25D	6	AWG 10	23.00	12	4.5		0.2	0.5	20	 Yellow	100	9004720000
H10.0/26D	10	AWG 7	26.00	12	5.8		0.2	0.5	17	 Red	100	9004710000

Twin wire-end ferrules with plastic collars



- Polypropylene conical entry funnel
- Heat-resistant up to 105 °C
- The entry funnel can also be manufactured from a non-flammable material on request

For conductors of 2 x 0.5-2 x 16 mm² (2 x AWG 20-2 x AWG6)

Material E-Cu, electro-galvanised

Dimensional tolerance acc. to DIN 46228 Part 4

Other colour code

Packed loose



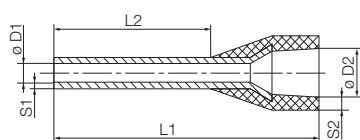
Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15	0.5	AWG 20	14.00	8	1.4		0.15	0.3	11	Orange	500	9037200000
H0.5/16.5	0.5	AWG 20	16.00	10	1.4		0.15	0.3	13	Orange	500	9037210000
H0.5/18.5	0.5	AWG 20	18.00	12	1.4		0.15	0.3	15	Orange	500	9037220000
H0.75/15T	0.75	AWG 18	14.00	8	1.7		0.15	0.3	11	LightBlue	500	9037610000
H0.75/17T	0.75	AWG 18	16.00	10	1.7		0.15	0.3	13	LightBlue	500	9037620000
H0.75/19TS	0.75	AWG 18	19.00	12	1.7		0.15	0.3	21	LightBlue	500	9202840000
H0.75/24.5T	0.75	AWG 18	24.00	18	1.7		0.15	0.3	21	LightBlue	500	9037630000
H1.0/15D	1	AWG 17	15.00	8	2		0.15	0.3	11	Red	500	9037440000
H1.0/20D	1	AWG 17	19.00	12	2		0.15	0.3	16	Red	500	9037450000
H1.0/25.6D	1	AWG 17	25.00	18	2		0.15	0.3	22	Red	500	9037460000
H1.5/16D	1.5	AWG 16	16.00	8	2.2		0.15	0.3	11	Black	500	9037470000
H1.5/20D	1.5	AWG 16	20.00	12	2.2		0.15	0.3	15	Black	500	9037480000
H1.5/25.6D	1.5	AWG 16	25.00	18	2.2		0.15	0.3	21	Black	100	9037490000
H2.5/18.5T	2.5	AWG 14	19.00	10	2.8		0.15	0.4	13	Grey	500	9037640000
H2.5/20.5T	2.5	AWG 14	21.00	12	2.8		0.15	0.4	15	Grey	100	9037650000
H2.5/26.5T	2.5	AWG 14	27.00	18	2.8		0.15	0.4	21	Grey	100	9037660000
H4.0/22T	4	AWG 12	22.00	12	3.5		0.2	0.5	15	Orange	100	9037670000
H4.0/28T	4	AWG 12	28.00	18	3.5		0.2	0.5	21	Orange	100	9037680000
H6.0/25T	6	AWG 10	23.00	12	4.5		0.2	0.5	20	Green	100	9037690000
H6.0/29T	6	AWG 10	29.00	18	4.5		0.2	0.5	24	Green	100	9037700000
H10.0/26T	10	AWG 7	24.00	12	5.8		0.2	0.5	17	Brown	100	9037710000
H10.0/30T	10	AWG 7	30.00	18	5.8		0.2	0.5	23	Brown	100	9037720000
H16.0/19T	16	AWG 6	29.00	16	8.3		0.3	0.6	20	White	50	9037730000
H16.0/38T	16	AWG 6	38.00	25	8.3		0.3	0.6	29	White	50	9037740000

Other colour code

In multi-pack bag



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.75/17T	0.75	AWG 18	16.00	10	1.7		0.15	0.3	13	Light Blue	500	9005140000
H1.0/15D	1	AWG 17	15.00	8	2.2		0.15	0.3	12	Red	500	9018540000
H1.0/20D	1	AWG 17	19.00	12	2		0.15	0.3	16	Red	500	9004760000
H1.5/16D	1.5	AWG 16	16.00	8	2.2		0.15	0.3	11	Black	500	9004420000
H1.5/20D	1.5	AWG 16	20.00	12	2.2		0.15	0.3	15	Black	500	9004750000
H2.5/18.5T	2.5	AWG 14	19.00	10	2.8		0.15	0.4	13	Grey	250	9018580000
H2.5/20.5	2.5	AWG 14	21.00	12	2.8		0.15	0.4	15	Grey	250	9005150000
H4.0/22T	4	AWG 12	22.00	12	3.5		0.2	0.5	15	Orange	100	9018590000
H6.0/25T	6	AWG 10	23.00	12	4.5		0.2	0.5	20	Green	100	9005160000
H10.0/26T	10	AWG 7	26.00	12	5.8		0.2	0.5	17	Brown	100	9005170000



- Polypropylene conical entry funnel
- Heat-resistant up to 105 °C
- The entry funnel can also be manufactured from a non-flammable material on request

For conductors from 1.5-16 mm² (AWG 26-250MCM)

Material E-Cu, electro-galvanised

Dimensional tolerance acc. to DIN 46228 Part 4

Weidmüller colour code

Packed loose



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H1.5/24 XS	1.5	AWG 16	24.00	14.5	1.8	6.8	0.15	0.3	13	● Black	100	9202870000
H2.5/24 XS	2.5	AWG 14	24.00	14.5	2.3	7.6	0.15	0.3	20	● Black	100	9202880000

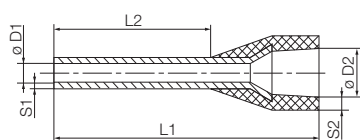
Weidmüller colour code

In multi-pack bag



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H1.5/17.5X	1.5	AWG 16	17.50	8	1.8	6.8	0.15	0.3	13	● Black	100	9006590000
H1.5/19.5X	1.5	AWG 16	19.50	10	1.8	6.8	0.15	0.3	15	● Black	100	9006630000
H2.5/17.5X	2.5	AWG 14	17.50	8	2.3	7.6	0.15	0.3	14	● Blue	100	9006670000
H2.5/21.5X	2.5	AWG 14	21.50	12	2.3	7.6	0.15	0.3	17	● Blue	100	9006710000
H4.0/19.5X	4	AWG 12	19.50	10	2.9	7.8	0.2	0.3	14	● Grey	100	9006750000
H6.0/23.0X	6	AWG 10	23.00	12	3.6	8.1	0.2	0.3	17	● Yellow	100	9006790000
H10.0/24.5X	10	AWG 7	24.00	12	4.6	9.6	0.2	0.3	17	● Red	100	9006830000
H16.0/25.5X	16	AWG 6	25.50	12	6	11.9	0.2	0.3	26	● Blue	100	9006870000

Wire-end ferrules with plastic collars, special sizes



- Polypropylene conical entry funnel
- Heat-resistant up to 105 °C
- The entry funnel can also be manufactured from a non-flammable material on request

For conductors of 0.5-2.5 mm² Material E-Cu, electro-galvanised

Dimensional tolerance acc. to DIN 46228 Part 4

Weidmüller colour code

Packed loose



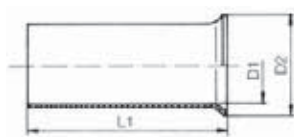
Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H 0,34/11 S	0.34	AWG 22	11.00	6	0.85	2.6	0.15	0.4	6	● Turquoise	500	9204090000
H0.5/14S	0.5	AWG 20	14.00	8	1	2.9	0.15	0.25	10	● Orange	500	9004560000
H0.5/14S	0.5	AWG 20	14.00	8	1	2.9	0.15	0.25	10	○ White	500	9004590000
H0.5/16DS	0.5	AWG 20	16.00	10	1	2.9	0.15	0.25	12	○ White	500	9202910000
H0.5/16S	0.5	AWG 20	16.00	10	1	2.9	0.15	0.25	12	● Orange	500	9202900000
H0.75/14 DS	0.75	AWG 18	14.00	8	1.2	3.4	0.15	0.25	10	● Grey	500	9025800000
H0.75/14S	0.75	AWG 18	14.00	8	1.2	3.4	0.15	0.25	10	○ White	500	9025960000
H0.75/14TS	0.75	AWG 18	14.00	8	1.2	3.4	0.15	0.25	10	● LightBlue	500	9018550000
H 0,75/15 S	0.75	AWG 18	15.00	9	1.2	2.8	0.15	0.25	10	● LightBlue	500	9204240000
H1.0/14S	1	AWG 17	14.00	8	1.4	3.5	0.15	0.25	10	● Yellow	500	9025970000
H1.0/14S	1	AWG 17	14.00	8	1.4	3.5	0.15	0.25	10	● Red	500	9018560000
H1.5/12S	1.5	AWG 16	12.00	6	1.7	3.9	0.15	0.25	8	● Red	500	9025690000
H1.5/14S	1.5	AWG 16	14.00	8	1.7	3.9	0.15	0.25	10	● Red	500	9025980000
H1.5/14S	1.5	AWG 16	14.00	8	1.7	3.9	0.15	0.25	10	● Black	500	9025240000
H2.5/12DS	2.5	AWG 14	12.00	6	2.2	4.2	0.15	0.25	8	● Blue	500	9028490000
H2.5/12TS	2.5	AWG 14	12.00	6	2.2	4.2	0.15	0.25	8	● Grey	500	9036200000
H2.5/14S	2.5	AWG 14	14.00	8	2.2	4	0.15	0.25	10	● Blue	500	1333100000
H2.5/14TS	2.5	AWG 14	14.00	8	2.2	4	0.15	0.25	10	● Grey	500	9426770000
H2.5/16DS	2.5	AWG 14	16.00	10	2.2	4.2	0.15	0.25	13	● Blue	500	9036220000
H4.0/20DS	4	AWG 12	20.00	12	2.9	4.7	0.2	0.5	15	● Grey	500	9203630000
H10.0/22S	10	AWG 7	22.00	12	4.6	7.1	0.2	0.6	15	● Ivory	100	9203620000

Weidmüller colour code

In multi-pack bag



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.75/14S	0.75	AWG 18	14.00	8	1.2	3.4	0.15	0.25	10	○ White	500	9025700000
H1.0/14S	1	AWG 17	14.00	8	1.4	3.5	0.15	0.25	10	● Yellow	500	9025710000
H1.5/14DS	1.5	AWG 16	14.00	8	1.7	3.9	0.15	0.25	10	● Black	500	9028360000
H1.5/14S	1.5	AWG 16	14.00	8	1.7	3.9	0.15	0.25	10	● Red	500	9025720000



For conductors 0.25-185 mm² (AWG 24-350MCM) Material: tin-plated copper
Dimensional tolerances to DIN 46228 part 1

Without plastic collar

Packed loose



Type	Ø mm ²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Qty.	Order No.
H0.25/5	0.25	AWG 24	5.00		0.8	1.6			5	1000	9018910000
H0.5/10	0.5	AWG 20	10.00		1	2.1			10	1000	9004050000
H0.5/6	0.5	AWG 20	6.00		1	2.1			6	1000	0282600000
H0.75/10	0.75	AWG 18	10.00		1.2	2.3			10	1000	0542500000
H0.75/6	0.75	AWG 18	6.00		1.2	2.3			6	1000	0282700000
H1.0/10	1	AWG 17	10.00		1.4	2.5			10	1000	0282800000
H1.0/6	1	AWG 17	6.00		1.4	2.5			6	1000	0372600000
H1.5/10	1.5	AWG 16	10.00		1.7	2.8			10	1000	0186500000
H1.5/12	1.5	AWG 16	12.00		1.7	2.8			12	1000	9004060000
H1.5/18	1.5	AWG 16	18.00		1.7	2.8			18	1000	9004070000
H1.5/7	1.5	AWG 16	7.00		1.7	2.8			7	1000	0372700000
H2.5/10	2.5	AWG 14	10.00		2.2	3.4			10	1000	9004080000
H2.5/12	2.5	AWG 14	12.00		2.2	3.4			12	1000	0186100000
H2.5/18	2.5	AWG 14	18.00		2.2	3.4			18	1000	9004090000
H2.5/7	2.5	AWG 14	7.00		2.2	3.4			7	1000	0373000000
H4.0/12	4	AWG 12	12.00		2.8	4			12	1000	0244100000
H4.0/15	4	AWG 12	15.00		2.8	4			15	500	9004100000
H4.0/18	4	AWG 12	18.00		2.8	4			18	500	9004110000
H4/9	4	AWG 12	9.00		2.8	4			9	500	0373100000
H6.0/10	6	AWG 10	10.00		3.5	4.7			10	500	9004120000
H6.0/12	6	AWG 10	12.00		3.5	4.7			12	500	0191900000
H6.0/15	6	AWG 10	15.00		3.5	4.7			15	500	0124700000
H6.0/18	6	AWG 10	18.00		3.5	4.7			18	500	9004130000
H10.0/12	10	AWG 7	12.00		4.5	5.8			12	500	0282900000
H10.0/15	10	AWG 7	15.00		4.5	5.8			15	500	0124800000
H10.0/18	10	AWG 7	18.00		4.5	5.8			18	500	0379300000
H16.0/12	16	AWG 6	12.00		5.8	7.5			12	500	0492500000
H16.0/15	16	AWG 6	15.00		5.8	7.5			15	500	0124300000
H16.0/18	16	AWG 6	18.00		5.8	7.5			18	100	0375200000
H16.0/25	16	AWG 6	25.00		5.8	7.5			25	100	9004150000
H16.0/32	16	AWG 6	32.00		5.8	7.5			32	100	9004160000
H25.0/15	25	AWG 3	15.00		7.3	9.5			15	250	0124400000
H25.0/18	25	AWG 3	18.00		7.3	9.5			18	100	0375300000
H25.0/25	25	AWG 3	25.00		7.3	9.5			25	250	9004170000
H25.0/32	25	AWG 3	32.00		7.3	9.5			32	100	9004180000
H35.0/18	35	AWG 2	18.00		8.3	11			18	100	0368900000
H35.0/25	35	AWG 2	25.00		8.3	11			25	100	9004190000
H35.0/30	35	AWG 2	30.00		8.3	11			30	100	9451000000
H35.0/32	35	AWG 2	32.00		8.3	11			32	100	9004200000
H50/18	50	AWG 1	18.00		10.3	13			18	100	9004210000
H50/25	50	AWG 1	22.00		10.3	13			25	100	9025880000
H50/32	50	AWG 1	32.00		10.3	13			32	100	9004220000
H70.0/25	70	AWG 2/0	25.00		12.5	15			25	50	9004230000
H70.0/32	70	AWG 2/0	32.00		12.5	15			32	50	9004240000
H95.0/25	95	AWG 3/0	25.00		14.5	17			25	50	9004250000
H95.0/32	95	AWG 3/0	32.00		14.5	17			32	50	9004260000
H120.0/32	120	AWG 4/0	32.00		16.5	19			32	25	9036240000
H150.0/32	150	AWG 300 CM	32.00		18.5	21			32	25	9036250000
H185.0/32	185	AWG 350 CM	32.00		20	23.5			32	25	9036260000

Assortment of wire-end ferrules

0.14...0.75 mm²

Box filled with wire-end ferrules with plastic collar:

- In Weidmüller colour code

0.5...2.5 mm²

Box filled with wire-end ferrules with plastic collar:

- In Weidmüller colour code
- DIN colour code

ZH 0.5...2.5 mm²

Box filled with twin wire-end ferrules with plastic collars:

- In Weidmüller colour code

Assembly

Type		Piece
H0,14/10 GR SV	Wire end ferrule	30
H0,25/10 HBL	Wire end ferrule	30
H0,34/10 TK	Wire end ferrule	30
H0,5/14 OR	Wire end ferrule	30
H0,75/14 W	Wire end ferrule	30

Assembly

Type		Piece
H1,0/14 GE	Wire end ferrule	100
H1,5/14 R	Wire end ferrule	100
H0,5/14D W	Wire-end ferrule	50
H0,75/14D GR	Wire-end ferrule	100
H2,5/15D BL	Wire-end ferrule	50

Assembly

Type		Piece
H0,5/14 ZH OR	Twin wire end ferrule, orange	50
H0,75/14 ZH W	Twin wire end ferrule, white	50
H1,0/15 ZH GE	Twin wire end ferrule, yellow	50
H1,5/16 ZH R	Twin wire end ferrule, red	50
H2,5/19D ZH BL	Twin wire end ferrule, blue	25

Technical data

Diameter / Height	92 mm / 25 mm
Weight	93 g

Ordering data

Colour code	Type	Order No.
Weidmüller	H-BOX 0,14-0,75QMM	9025410000

Technical data

Diameter / Height	92 mm / 40 mm
Weight	93 g

Ordering data

Colour code	Type	Order No.
Weidmüller	H-BOX 0,5-2,5QMM	9025900000
DIN	H-BOX 0,5-2,5QMM DIN	9025430000

Technical data

Diameter / Height	92 mm / 40 mm
Weight	93 g

Ordering data

Colour code	Type	Order No.
Weidmüller	ZH-BOX 0,5-2,5QMM	9025390000

4.0...16 mm²

Box filled with wire-end ferrules with plastic collars:

- In Weidmüller colour code
- DIN colour code

Empty box



Empty box for wire-end ferrules with

- 4 dividers
- 5 dividers
- 5 coloured inserts

Assembly

Type		Piece
H6,0/20 SW	Wire end ferrule	20
H10,0/22 EB	Wire end ferrule	20
H16,0/22 GN	Wire end ferrule	10
H4/17 GRAU	Wire end ferrule	50

Technical data

Diameter / Height	92 mm / 40 mm
Weight	93 g

Ordering data

Colour code	Type	Order No.
Weidmüller	H-BOX 4,0-16,0QMM	9025920000
DIN	H-BOX 4,0-16,0QMM DIN	9025400000

Technical data

Diameter / Height	92 mm / 40 mm
Weight	

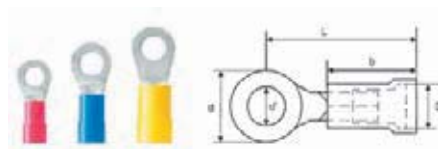
Ordering data

Colour code	Type	Order No.
Empty box	H-LEERBOX 4 TRENNSTEGE	9025420000
Empty box	H-LEERBOX 5 EINSATZE	9025940000
Empty box	H-LEERBOX 5 TRENNSTEGE	9025680000

Insulated cable connectors, PVC, with conical cable entry



Ring cable connector



Ordering data

Type	Cross-section mm ²	Colour	Dimensions	d ¹	d	D	L	b	S1*	Qty.	Order No.
LIR 1.5M3 V	0.5 - 1.5	●	M 3	3.2	5.5	4.0	16.05	11.3	0.75	100	9200070000
LIR 1.5M3.5 V	0.5 - 1.5	●	M 3.5	3.7	5.5	4.0	16.05	11.3	0.75	100	9200080000
LIR 1.5M4 V	0.5 - 1.5	●	M 4	4.3	8.0	4.0	18.3	11.3	0.75	100	9200090000
LIR 1.5M5 V	0.5 - 1.5	●	M 5	5.3	8.0	4.0	18.3	11.3	0.75	100	9200100000
LIR 1.5M6 V	0.5 - 1.5	●	M 6	6.4	11.6	4.0	21.0	11.3	0.75	100	9200110000
LIR 1.5M8 V	0.5 - 1.5	●	M 8	8.4	11.6	4.0	21.0	11.3	0.75	100	9200120000
LIR 2.5M3 V	1.5 - 2.5	●	M 3	3.2	6.4	4.5	15.6	11.3	0.8	100	9200150000
LIR 2.5M3.5 V	1.5 - 2.5	●	M 3.5	3.7	6.4	4.5	15.6	11.3	0.8	100	9200160000
LIR 2.5M4 V	1.5 - 2.5	●	M 4	4.4	8.5	4.5	19.05	11.3	0.8	100	9200170000
LIR 2.5M5 V	1.5 - 2.5	●	M 5	5.3	8.5	4.5	19.05	11.3	0.8	100	9200180000
LIR 2.5M6 V	1.5 - 2.5	●	M 6	6.4	12.0	4.5	22.3	11.3	0.8	100	9200190000
LIR 2.5M8 V	1.5 - 2.5	●	M 8	8.4	12.0	4.5	22.3	11.3	0.8	100	9200200000
LIR 2.5M10 V	1.5 - 2.5	●	M 10	10.5	14.0	4.5	22.3	11.3	0.8	100	9200210000
LIR 6.0M4 V	4 - 6	●	M 4	4.3	9.5	6.4	22.4	14.15	1	100	9200230000
LIR 6M5 V	4 - 6	●	M 5	5.3	9.5	6.4	22.4	14.15	1	100	9200240000
LIR 6M6 V	4 - 6	●	M 6	6.4	12.0	6.4	24.65	14.15	1	100	9200250000
LIR 6M8 V	4 - 6	●	M 8	8.4	15.0	6.4	27.65	14.15	1	100	9200260000
LIR 6.0M10 V	4 - 6	●	M 10	10.5	15.0	6.4	27.65	14.15	1	100	9200270000

Fork-type cable connector

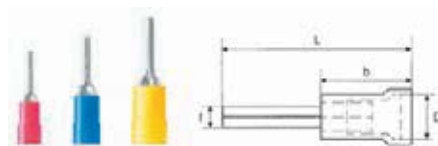


Ordering data

Type	Cross-section mm ²	Colour	Dimensions	d ¹	d	D	L	b	S1*	Qty.	Order No.
LIS 1.5M3 V	0.5 - 1.5	●	M 3	3.2	5.7	4.0	17.8	11.3	0.75	100	9200290000
LIS 1.5M3.5 V	0.5 - 1.5	●	M 3.5	3.7	6.4	4.0	17.8	11.3	0.75	100	9200300000
LIS 1.5M4 V	0.5 - 1.5	●	M 4	4.3	7.2	4.0	17.8	11.3	0.75	100	9200310000
LIS 1.5M5 V	0.5 - 1.5	●	M 5	5.3	8.1	4.0	17.8	11.3	0.75	100	9200320000
LIS 1.5M6 V	0.5 - 1.5	●	M 6	6.4	11.0	4.0	21.3	11.3	0.75	100	9200330000
LIS 2.5M3 V	1.5 - 2.5	●	M 3	3.2	5.7	4.5	17.8	11.3	0.8	100	9200350000
LIS 2.5M3.5 V	1.5 - 2.5	●	M 3.5	3.7	6.4	4.5	17.8	11.3	0.8	100	9200360000
LIS 2.5M4 V	1.5 - 2.5	●	M 4	4.3	7.2	4.5	17.8	11.3	0.8	100	9200370000
LIS 2.5M5 V	1.5 - 2.5	●	M 5	5.3	8.1	4.5	17.8	11.3	0.8	100	9200380000
LIS 2.5M6 V	1.5 - 2.5	●	M 6	6.4	11.0	4.5	21.3	11.3	0.8	100	9200390000
LIS 6.0M4 V	4 - 6	●	M 4	4.3	9.0	6.4	21.35	14.15	1	100	9200410000
LIS 6.0M5 V	4 - 6	●	M 5	5.3	9.0	6.4	21.35	14.15	1	100	9200420000
LIS 6.0M6 V	4 - 6	●	M 6	6.4	12.0	6.4	25.15	14.15	1	100	9200430000
LIS 6.0M8 V	4 - 6	●	M 8	8.4	14	6.5	34	13.15	1	100	9200440000
LIS 6.0M10 V	4 - 6	●	M 10	10.5	18	6.5	34.7	13.15	1	100	9200450000

S1* = Connection density

Pin-type cable connector

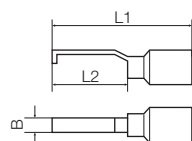


Ordering data

Type	Cross-section mm ²	Colour	Dimensions	D	L	b	f	Qty.	Order No.
LIP 1.5R12 V	0.5 - 1.5	●	12.0	4	23.3	11.3	1.9	100	9200460000
LIP 2.5R12 V	1.5 - 2.5	●	12.0	4.5	23.3	11.3	1.9	100	9200470000
LIP 6.0R14 V	4 - 6	●	14.0	6.4	28.15	14.5	2.7	100	9200480000

Hook-type cable connector

to ESI 50-18 part 2

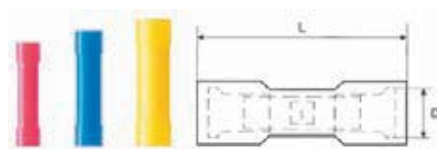


Ordering data

Type	Cross-section mm ²	Colour	L1	L2	B	Qty.	Order No.
HB 1-17	0.25 - 1.5	●	27.2	16.75	4.6	100	9036290000
HB 1-13	1.0 - 2.5	●	27.2	16.75	3.0	100	9036300000



Butt connector

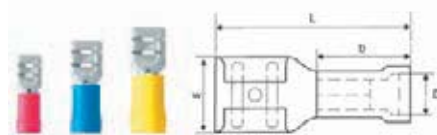


Ordering data

Type	Cross-section mm ²	Colour	Dimensions	D	L	Qty.	Order No.
LJB 1.5B25 VF	0.5 - 1.5	●	24.5	3.8	26	100	9200490000
LJB 2.5B25 VF	1.5 - 2.5	●	24.5	4.3	26	100	9200500000
LJB 6.0B26 VF	4 - 6	●	26.0	6	26	100	9200510000

Flat blade receptacles

with copper sleeve

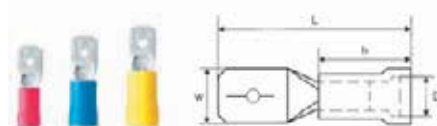


Ordering data

Type	Cross-section mm ²	Colour	Dimensions	d2*	d3*	D	L	b	w	Qty.	Order No.
LIF 1.5F288 R	0.5 - 1.5	●	2.8 x 0.8 mm	2.8	0.8	4.0	18.7	10.0	3.8	100	9200520000
LIF 1.5F488 R	0.5 - 1.5	●	4.8 x 0.8 mm	4.8	0.8	4.0	19.2	10.0	5.7	100	9200530000
LIF 1.5F638 R	0.5 - 1.5	●	6.3 x 0.8 mm	6.3	0.8	4.0	20.8	10.0	7.4	100	9200540000
LIF 2.5F488 R	1.5 - 2.5	●	4.8 x 0.8 mm	4.8	0.8	5.0	19.2	10.0	5.7	100	9200550000
LIF 2.5F638 R	1.5 - 2.5	●	6.3 x 0.8 mm	6.3	0.8	5.0	20.8	10.0	7.4	100	9200560000
LIF 6.0F638 R	4 - 6	●	6.3 x 0.8 mm	6.3	0.8	6.8	23.8	13.0	7.4	100	9200570000

Flat blade connector

with copper sleeve



Ordering data

Type	Cross-section mm ²	Colour	Dimensions	d2*	d3*	D	L	b	w	Qty.	Order No.
LIF 1.5M638 R	0.5 - 1.5	●	6.3 x 0.8 mm	6.3	0.8	4.0	20.8	10.0	6.3	100	9200580000
LIF 2.5M638 R	1.5 - 2.5	●	6.3 x 0.8 mm	6.3	0.8	5.0	20.8	10.0	6.3	100	9200590000
LIF 6.0M638 R	4 - 6	●	6.3 x 0.8 mm	6.3	0.8	6.8	23.8	13.0	6.3	100	9200600000

Flat blade receptacles, piggy-back

with copper sleeve

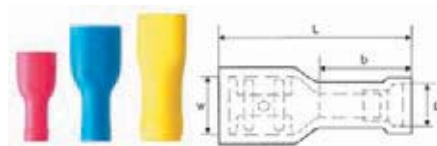


Ordering data

Type	Cross-section mm ²	Colour	Dimensions	d2*	d3*	D	L	b	w	Qty.	Order No.
LIF 1.5T638 R	0.5 - 1.5	●	6.3 x 0.8 mm	6.3	0.8	4.0	20.8	10.0	7.4	100	9200610000
LIF 2.5T638 R	1.5 - 2.5	●	6.3 x 0.8 mm	6.3	0.8	5.8	20.8	10.0	7.4	100	9200620000
LIF 6.0T638 R	4 - 6	●	6.3 x 0.8 mm	6.3	0.8	6.8	23.8	13.0	7.4	100	9200630000

Flat blade receptacles, full insulation

with copper sleeve



Ordering data

Type	Cross-section mm ²	Colour	Dimensions	d2*	d3*	D	L	b	w	Qty.	Order No.
LIF 1.5F638 RF	0.5 - 1.5	●	6.3 x 0.8 mm	6.3	0.8	4.0	22.0	10.5	7.4	100	9200640000
LIF 2.5F638 RF	1.5 - 2.5	●	6.3 x 0.8 mm	6.3	0.8	5.0	22.0	10.5	7.4	100	9200650000
LIF 6.0F638 RF	4 - 6	●	6.3 x 0.8 mm	6.3	0.8	6.8	24.5	13.0	5.7	100	9200660000

d2* = Plug-in width

d3* = Plug-in density

Insulated cable connectors, PVC, with conical cable entry



Round plug

with copper sleeve

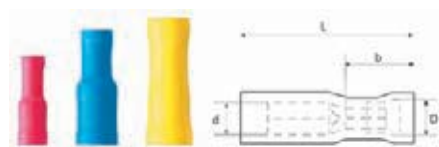


Ordering data

Type	Cross-section mm ²	Colour	Dimensions	d	D	L	b	Qty.	Order No.
LID 1,5M4 R	0,5 - 1,5	●	Ø 4 mm	4,0	4,0	20,8	10,0	100	9200670000
LID 2,5M5 R	1,5 - 2,5	●	Ø 5 mm	5,0	5,0	20,8	10,0	100	9200680000
LID 6,0M5 R	4 - 6	●	Ø 5 mm	5,0	5,8	23,8	13,0	100	9200690000

Sockets for round plugs

with copper sleeve



Ordering data

Type	Cross-section mm ²	Colour	Dimensions	d	D	L	b	Qty.	Order No.
LID 1,5F4 RF	0,5 - 1,5	●	Ø 4 mm	4,0	4,0	23,0	10,5	100	9200700000
LID 2,5F5 RF	1,5 - 2,5	●	Ø 5 mm	5,0	5,0	23,0	11,5	100	9200710000
LID 6,0F5 RF	4 - 6	●	Ø 5 mm	5,0	5,0	24,0	13,8	100	9200720000

Photovoltaics / POF

Photovoltaics / POF	Introduction - Photovoltaics	K.2
	Crimping tool for photovoltaic contacts	K.4
	Introduction - POF	K.6
	Tools for POF	K.8

CTF PV WM4 and CTX PV

Practical crimping tools for photovoltaics

Wherever solar panels are installed and repaired, the CTF PV WM4 and CTX PV crimping tools are used for stamped and machined crimp contacts. During the installation of solar plants, the solar panels are connected by connectors with components like string boxes and inverters. Reliable electrical connections demand special professional tools that can withstand the mechanical stress that occurs over long periods of use. The new CTF PV WM4 and CTX PV crimp tools perform well under these conditions.

Acceleration of steps in the work flow.

The multi-stripax® PV provides genuine support for multiple functions: only one tool is required for cutting and stripping solar cables.



Multi tool

The different functions of the multi tool ensure the connector can be terminated simply and quickly.



Excellent crimping results

The unique mechanical design of the CTF PV WM4 and CTX PV tools ensures that the crimping results are easy to repeat.

Long-lasting

Best possible workmanship and high-quality components manufactured in a quality controlled production process: this ensures optimum work results no matter how often they are used.

Exact positioning

The locator makes the tool easy to handle. It also permits the contacts to be precisely positioned in the crimping tool.

Everything from a single source

Weidmüller offers a broad spectrum of reliable components to support the installation of photovoltaic systems. Cutting and sheath stripping tools, crimping tools and crimp contacts, plug in connectors, photovoltaic connection boxes and a great deal more.



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Crimping tool for photovoltaic contacts

PV Set WM4



Contents:

- CTF PV WM4 crimping tool
- multi-stripax® PV cutting and stripping tool
- Multitool
- WM4 photovoltaic contacts
- Toolbag

Multi-stripax® PV



- Excellent stripping quality for industrial applications
- Specially shaped blades enable stripping of special types of insulation and conductor configurations
- Stripping length with end stop, adjustable from 2.3... 30 mm
- Very versatile thanks to interchangeable stripping units
- Stripping results reproduced accurately over and over again
- No damage to the conductor
- A long-lasting, reliable tool thanks to its sturdy design
- Integrated cutting function up to 6 mm²

Assembly

Type		Piece
CTF PV WM4	Crimping tool	1
MULTI-STRIPAX PV	Stripping tool	1
MULTI-TOOL PV		1
SFGH WM4 VPE100		100
SFKO WM4 VPE100		100
BUGH WM4 VPE100		100
BUKO WM4 VPE100		100
WZTE 20 LR		1
KOF CARRY LITE 80 PC RT	Assortment case, empty	1

Technical data

Length / Width / Height	mm	413 / 330 / 79
Weight	g	2500

Ordering data

Colour code	Type	Order No.
Weidmüller	PV SET WM4	1257780000

Technical data

Length / Width / Height	mm	250 / 85 / 40
Weight	g	250

Ordering data

Colour code	Type	Order No.
	MULTI-STRIPAX PV	1190490000

Crimping tool for photovoltaic contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With locator for exact positioning of the contacts

CTF PV WM41.5...6 mm²

- For Weidmüller WM4 photovoltaic connectors and similar plugs
- For Multi-Contact MC4 1.5 mm² to 6 mm² and similar plugs
- For Hirschmann SunCon 4 mm² and similar plugs

**CTX PV**2.5...6 mm²

- For solar contacts from Tyco Solarlok, 2.5 mm², 4 mm² and 6 mm², and similar plugs
- For Multi-Contact MC3, 2.5 mm², 4 mm² and 6 mm², and similar plugs

**Technical data**

Description of contact	
Type of contact	
Crimping range	
Material data	
Length	mm
Weight	g
Note	

F-plug / -sleeve
2.5...6 mm ²
250
730

Turned contacts
4...6 mm ²
250
730

Ordering data

Version
Note

Type	Qty.	Order No.
CTF PV WM4	1	1222870000

Type	Qty.	Order No.
CTX PV	1	1249710000

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HTX-IE-POF

Everything from a single source: cutting, stripping and crimping of polymer fibres (POF)

Demands in the automation industry for higher data volume and lower transmission loss have led to increased use of polymer optical fibres. The heavy duty polymer optical fibres feature a simple connection method with standardised transmission protocols. Weidmüller offers the best solution for the otherwise complex assembly of POF connectors. With just one tool, the HTX-IE POF takes over the stripping and crimping of 1 mm thick polymer optical fibres especially for the PROFINET and EtherNet/IP-SC-RJ connectors. Post cut polishing is not necessary anymore due to the precise cutting of the fibre at the ferrule.

Easy to use

Post cut polishing is not necessary any more, due to the precise cutting of the fibre at the ferrule.



Excellent results

The HTX-IE-POF multi-function tool is the first tool that accelerates the normally complex assembly of SC-RJ connectors. Independently from the user, it ensures consistently high quality.

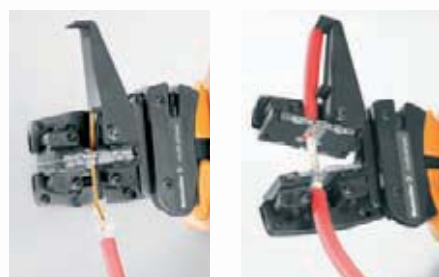


Long-lasting

Best possible workmanship and high-quality components manufactured in a quality controlled production process: this ensures optimum work results no matter how often they are used.

**Unique assembly**

The high reproducibility of the stripping results is ensured by the multi-stripax® IE-POF duplex stripping tool because of its unique mechanical construction.

**Perfect cooperation**

Weidmüller offers a solid and perfectly harmonised range of tools for processing polymer optical fibres. With the multi-stripax® IE-POF, the HTX-IE-POF and Kevlar scissors, preparing the connectors for termination takes practically no time at all.



Tools for POF

Crimping tools

Cutting, stripping and crimping tools for processing POF fibres in compliance with IEC 60793-2 A4A fibres (1000 µm/980 µm POF)

- Multifunction tool for POF fibres
- Processing the duplex POF fibres
- Stripping tool for processing POF fibres and cables
- The new set of blades for POF cables makes stripping the outer covering and the POF fibres simple
- Cable shears specially designed for aramid fibres
- Only for cutting aramid fibres (strain relief in fibre-optic cables)

Tool-Set IE-POF



Contents:

- Assortment case PSC 80
- Kevlar scissors for aramid fibres
- Multifunction tool HTX-IE-POF
- Stripping tool multi-stripax® IE-POF

Multi-stripax POF



- Excellent stripping quality for industrial applications
- Specially shaped blades enable stripping of special types of insulation and conductor configurations
- Stripping length with end stop, adjustable from 2.3...30 mm
- Very versatile thanks to interchangeable stripping units
- Stripping results reproduced accurately over and over again
- No damage to the conductor
- A long-lasting, reliable tool thanks to its sturdy design
- Integrated cutting function up to 6 mm²

Technical data

Length / Width / Height	mm
Weight	g
Note	

241 / 338 / 79
1,800

250 / 85 / 40
250

Ordering data

Version

Type	Qty.	Order No.
TOOL SET IE-POF	1	1208930000

Type	Qty.	Order No.
MULTI-STRIPAX IE-POF	1	1208880000

Note

Accessories

Note

Type	Qty.	Order No.
HTX-IE-POF	1	1208870000
MULTI-STRIPAX IE-POF	1	1208880000
KEVLAR SCISSORS	1	1208910000

Type	Qty.	Order No.
Replacement cutting blade	1	9203100000
Replacement stop set	1	9203070000
AIE MULTI-STRIPAX POF	1	1212770000

Crimping tools

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts

HTX-IE-POF

- Only one tool needed for all SC-RJ plug processing steps
- For processing 1 mm thick polymer optical fibres, especially for the PROFINET and EtherNet/IP-SC-RJ connectors
- For stripping Duplex polymer optical fibres
- The plug is crimped and the polymer optical fibres are separated, all in a single step
- Cut surfaces do not need to be polished after cutting
- Locator for precise positioning of the SC-RJ plugs
- Ergonomic handles
- High repeat accuracy

Three steps to produce IP 67 connectors:

- 1) Strip the Duplex polymer optical fibres
- 2) Crimp and separate
- 3) Crimp the strain relief

SCISSORS Kevlar

- Cable shears specially designed for aramid fibres
- Only for cutting aramid fibres (strain relief in fibre-optic cables)
- Do not use for other materials
- Special blade geometry
- Blades ground
- With teeth on the cutting edge
- Riveted joint
- Hand-friendly, impact-resistant plastic handles

Technical data

Material data
Length
Weight
Note

HTX-IE-POF
220
450

SCISSORS KEVLAR
147
100

Ordering data

Version
Note

Type	Qty.	Order No.
HTX-IE-POF	1	1208870000

Type	Qty.	Order No.
SCISSORS KEVLAR	1	1208910000

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BIT E6,3 0,6x3,5x70	9024020000	F.6
BIT E6,3 0,6x4,5x110	9205630000	F.6
BIT E6,3 0,8x4,0x70	9024030000	F.6
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HQ,25/10 HBL	9025740000	J.14
HQ,25/10 HBL SV	9026050000	J.14
HQ,25/10T GE	9021010000	J.18
HQ,25/10T GE SV	9021210000	J.18
HQ,25/12 HBL	9025760000	J.14
HQ,25/12 HBL SV	9025780000	J.14
HQ,25/12T GE	9021020000	J.18
HQ,25/12T GE SV	9021220000	J.18
HQ,25/5	9018910000	J.15
HQ,34/10 TK	9025750000	J.14
HQ,34/10 TK SV	9026030000	J.14
HQ,34/11 S TK	9024090000	J.14
HQ,34/12 TK	9025770000	J.14
HQ,34/12 TK BD GSP	9004390000	J.5
HQ,34/12 TK SV	9025790000	J.14
HQ,5/10	9004050000	J.15
HQ,5/12 OR	0409050000	J.14
HQ,5/12 OR SV	9028260000	J.14
HQ,5/12D W	9019000000	J.6
HQ,5/14 OR	0690700000	J.14
HQ,5/14 OR BD	9004270000	J.5
HQ,5/14 OR BD GSP	9005810000	J.15
HQ,5/14 OR SV	9026060000	J.14
HQ,5/14 ZH OR	9037200000	J.10
HQ,5/14 ZH OR SV	9004440000	J.10
HQ,5/14D W	9019010000	J.6
HQ,5/14D W BD	9004280000	J.16
HQ,5/14D W BD GSP	9005860000	J.7
HQ,5/14D W SV	9019400000	J.6
HQ,5/14D ZH W	9037380000	J.11
HQ,5/14D ZH W SV	9004780000	J.11
HQ,5/14S OR	9004560000	J.14
HQ,5/14S W	9004590000	J.14
HQ,5/16 DS W	9202910000	J.14
HQ,5/16 OR	9025870000	J.14
HQ,5/16 OR SV	9028270000	J.14
HQ,5/16 ZH OR	9037210000	J.10
HQ,5/16D W	9019020000	J.6
HQ,5/16D ZH W	9037390000	J.11
HQ,5/18 ZH OR	9037220000	J.10
HQ,5/18D ZH W	9037400000	J.11
HQ,5/5/6	0282600000	J.15
HQ,75/10	0542500000	J.15
HQ,75/12 W	0409600000	J.14
HQ,75/12 W SV	9028280000	J.14
HQ,75/12D GR	9019030000	J.6
HQ,75/14 W	0462900000	J.14
HQ,75/14 W BD	9004290000	J.5
HQ,75/14 W BD GSP	9005820000	J.15
HQ,75/14 W SV	9026070000	J.14
HQ,75/14 ZH W	9037230000	J.10
HQ,75/14 ZH W SV	9018510000	J.10
HQ,75/14D GR	9005870000	J.7
HQ,75/14D GR SV	9019040000	J.16
HQ,75/14D GR BD	9004300000	J.6
HQ,75/14D GR BD GSP	9019410000	J.16
HQ,75/14D ZH GR	9037410000	J.11
HQ,75/14D ZH GR SV	9018520000	J.11
HQ,75/14DS GR	9028580000	J.14
HQ,75/14S W	9025960000	J.14
HQ,75/14S W SV	9025700000	J.14
HQ,75/14T ZH HBL	9037610000	J.12
HQ,75/14T BL BD GSP	9005900000	J.9
HQ,75/14T HBL BD	9004310000	J.18
HQ,75/14T HBL SV	9021230000	J.14
HQ,75/14TS HBL	9018550000	J.18
HQ,75/15S HBL	9204240000	J.14
HQ,75/16 W	9025860000	J.14
HQ,75/16 W SV	9028290000	J.14
HQ,75/16 ZH W	9037240000	J.10
HQ,75/16 ZH W SV	9004900000	J.10
HQ,75/16D GR	9019050000	J.6
HQ,75/16D ZH GR	9037420000	J.11
HQ,75/16D ZH GR SV	9004770000	J.11
HQ,75/16T HBL	9021050000	J.18
HQ,75/16T ZH HBL	9037620000	J.12
HQ,75/18 W	9025910000	J.14
HQ,75/18 W SV	9028300000	J.14
HQ,75/18D GR	9019060000	J.6
HQ,75/18T HBL	9021060000	J.18
HQ,75/19DS ZH GR	9020830000	J.11
HQ,75/19S ZH W	9028280000	J.14
HQ,75/19TS ZH HBL	9028040000	J.12

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H0,75/24 ZH W	9037250000	J.10	H10/30S ZH EB	9018870000	J.10	H6,0/0/20T GN	9021130000	J.8	KOFFER PSC80 PC	9202330000	H.16
H0,75/24D ZH GR	9037430000	J.11	H120,0/32	9036240000	J.15	H6,0/10	9004120000	J.15	KOH3 19	9205010000	B.13
H0,75/24T ZH HBL	9037630000	J.12	H120,0/50 BL	9028220000	J.4	H6,0/12	0191900000	J.15	KOH3 9,5+19	9205000000	B.13
H0,75/6	0282700000	J.15	H150,0/32	9036250000	J.15	H6,0/15	0124700000	J.15	KOK-112X36	9204870000	B.15
H0,5/18 OR	1076980000	J.4	H150,0/54 GE	9028230000	J.4	H6,0/18	9004130000	J.15	KOK-46X46	9204810000	B.15
H0,5/18D W	1076990000	J.6	H16,0/12	0492500000	J.15	H6,0/20 SW	0533500000	J.4	KOK-52X36	9204820000	B.15
H0,75/14 HBL	9021040000	J.8	H16,0/15	0124300000	J.15	H6,0/20D GE	9019220000	J.6	KOK-65X36	9204830000	B.15
H1,0/10	0282800000	J.15	H16,0/18	0375200000	J.15	H6,0/23 ZH SW	9037320000	J.10	KOK-68X68	9204840000	B.15
H1,0/12 GE	0409700000	J.4	H16,0/22 GN	0565900000	J.4	H6,0/23 ZH SW SV	9004930000	J.10	KOK-86X36	9204850000	B.15
H1,0/12 GE SV	9028310000	J.4	H16,0/22D BL	9019260000	J.6	H6,0/23,0X GE SV	9006790000	J.13	KOK-91X36	9204860000	B.15
H1,0/12D R	9019070000	J.6	H16,0/22T W	9021170000	J.8	H6,0/23D ZH GE	9037550000	J.11	KOPD 10,0	9205020000	B.14
H1,0/14 GE	0463000000	J.4	H16,0/25	9004150000	J.15	H6,0/23D ZH GE SV	9004720000	J.11	KOS PG 13/M20	9204950000	B.15
H1,0/14 GE BD	9004320000	J.5	H16,0/25,5X BL SV	9006870000	J.13	H6,0/23T ZH GN	9037690000	J.12	KOS-M16	9204880000	B.15
H1,0/14 GE BD GSP	9005830000	J.5	H16,0/28 GN	0566000000	J.4	H6,0/26 SW	0565700000	J.4	KOS-M25	9204900000	B.15
H1,0/14 GE SV	9026080000	J.4	H16,0/28D BL	9019270000	J.6	H6,0/26D GE	9019230000	J.6	KOS-M32	9204910000	B.15
H1,0/14D R	9019080000	J.6	H16,0/28T W	9021180000	J.8	H6,0/29 ZH SW	9037330000	J.10	KOS-M40	9204920000	B.15
H1,0/14D R BD	9004330000	J.6	H16,0/29 ZH GN	9037360000	J.10	H6,0/29D ZH GE	9037560000	J.11	KOS-PG11	9204940000	B.15
H1,0/14D R BD GSP	9005880000	J.7	H16,0/29D ZH BL	9037590000	J.11	H6,0/29T ZH GN	9037700000	J.12	KOS-PG16	9204960000	B.15
H1,0/14D R SV	9019420000	J.6	H16,0/29T ZH W	9037730000	J.12	H6/26T GN	9021140000	J.8	KOS-PG21	9204970000	B.15
H1,0/14S GE	9025970000	J.14	H16,0/32	9004160000	J.15	H70,0/25	9004230000	J.15	KOS-PG29	9204980000	B.15
H1,0/14S GE SV	9025710000	J.14	H16,0/38 ZH GN	9037370000	J.10	H70,0/32	9004240000	J.15	KOS-PG36	9204990000	B.15
H1,0/14S R	9018560000	J.14	H16,0/38D ZH BL	9037600000	J.11	H70,0/37 GE	9028200000	J.4	KOS-PG9	9204930000	B.15
H1,0/15 ZH GE	9037260000	J.10	H16,0/38T ZH W	9037740000	J.12	H95,0/25	9004250000	J.15	KSE 160	9046410000	E.4
H1,0/15 ZH GE SV	9018530000	J.10	H185,0/32	9036280000	J.15	H95,0/32	9004260000	J.15	KSE 200	9046420000	E.4
H1,0/15D ZH R	9037440000	J.11	H2,5/10	9004080000	J.15	H95,0/44 R	9028210000	J.4	KT 12	9002680000	B.4
H1,0/15D ZH R SV	9018540000	J.11	H2,5/12	9018610000	J.15	HOOKBLA 0,25-1,5 SW	9036290000	J.18	KT 14	1157820000	B.5
H1,0/15S ZH GE	9018690000	J.10	H2,5/12DS BL	9028490000	J.14	HOOKBLA 1,0-2,5 SW	9036300000	J.18	KT 22	1157830000	B.5
H1,0/15S ZH GE SV	9018650000	J.10	H2,5/12TS GR	9036200000	J.14	HTF 28	9013090000	D.14	KT 45 R	9202040000	B.7
H1,0/16 GE	9025950000	J.4	H2,5/14D BL BD	9004360000	J.5	HTF 28 ZERT	9017410000	D.14	KT 55	9202060000	B.7
H1,0/16 GE SV	9028320000	J.4	H2,5/14D BL BD GSP	9005850000	J.5	HTF 48	9013080000	D.14	KT 80	9002650000	B.4
H1,0/16D R	9019100000	J.6	H2,5/14S BL	1333100000	J.14	HTF 48 ZERT	9017260000	D.14	KT 88	9202080000	B.8
H1,0/18 GE	9025930000	J.4	H2,5/14T GR BD	9004370000	J.8	HTF 63	9013400000	D.14	KT ZDV	9002170000	B.10
H1,0/18 GE SV	9028340000	J.4	H2,5/14T GR BD GSP	9005910000	J.9	HTF 63 ZERT	9017240000	D.14	KTF 25	9002180000	B.6
H1,0/18D R	9019110000	J.6	H2,5/14TS GR	9426770000	J.14	HTF AFX 2,5	9201040000	D.25	KTF 36	9002190000	B.6
H1,0/19 ZH GE	9037270000	J.10	H2,5/15 BL SV	9026100000	J.4	HTF DFF	9014140000	D.25			
H1,0/19 ZH GE SV	9004910000	J.10	H2,5/15D BL	9019160000	J.4	HTF RSV 12	9013550000	D.25			
H1,0/19D ZH R	9037450000	J.11	H2,5/15T GR	9021070000	J.8	HTF RSV 16 WI	9013560000	D.25			
H1,0/19D ZH R SV	9004760000	J.11	H2,5/15T GR SV	9021240000	J.8	HTF RSV 16 ZERT	9017880000	D.25			
H1,0/22DS R ZH	9036330000	J.11	H2,5/16DS BL	9036220000	J.14	HTF SUB-D	9013260000	D.24			
H1,0/25 ZH GE	9037280000	J.10	H2,5/17,5X BL SV	9006670000	J.13	HTF ZHV	9014840000	D.25			
H1,0/25D ZH R	9037460000	J.11	H2,5/18	9004090000	J.15	HTF-RSV 12 ZERT	9017890000	D.25			
H1,0/6	0372600000	J.15	H2,5/19D BL	9019170000	J.4	HTG 174	9012410000	D.23			
H1,5/10	0186500000	J.15	H2,5/19D ZH BL	9037500000	J.10	HTG 58	9012000000	D.23			
H1,5/12	9004060000	J.15	H2,5/19D ZH BL SV	9004430000	J.10	HTG 58/59	9012020000	D.23			
H1,5/12S R	9025690000	J.14	H2,5/19T GR	9021080000	J.8	HTG 59	9012010000	D.23			
H1,5/14 R	0463100000	J.4	H2,5/19T ZH GR	9037640000	J.12	HTI 15	9014400000	D.16			
H1,5/14 R BD	9004340000	J.5	H2,5/21,5X BL SV	9006710000	J.13	HTI 15 ZERT	9017430000	D.16			
H1,5/14 R BD GSP	9005840000	J.5	H2,5/21D ZH BL	9037510000	J.10	HTN 21	9014610000	D.16			
H1,5/14 R SV	9026090000	J.4	H2,5/21D ZH BL SV	9004740000	J.10	HTN 21 M. AN	9014100000	D.16			
H1,5/14D SW	9019120000	J.6	H2,5/21T ZH GR	9037650000	J.12	HTN 21 M. AN ZERT	9017170000	D.16			
H1,5/14D SW BD	9004350000	J.6	H2,5/24 XS BL	9020880000	J.13	HTN 21 ZERT	9017380000	D.16			
H1,5/14D SW BD GSP	9005890000	J.7	H2,5/25D BL	9019180000	J.4	HTX 138	9012400000	D.23			
H1,5/14D SW SV	9019430000	J.6	H2,5/25T GR	9021090000	J.8	HTX 188	9011990000	D.23			
H1,5/14DS SW SV	9028360000	J.14	H2,5/27D ZH BL	9037520000	J.10	HTX LWL	9011360000	D.19			
H1,5/14S R	9025980000	J.14	H2,5/27T ZH GR	9037660000	J.12	HTX-HDC/POF	9010950000	D.34			
H1,5/14S R SV	9025720000	J.14	H2,5/7	0373000000	J.15	HTX-IE-POF	1208870000	D.21			
H1,5/14S SW	9025240000	J.14	H25,0/15	0124400000	J.15	HUELSSE REMOVAL TOOL HD	1044100000	D.33			
H1,5/16 R	0635100000	J.4	H25,0/18	0375300000	J.15	HÜLSSE REMOVAL TOOL CM 3	1044080000	D.33			
H1,5/16 R SV	9028350000	J.4	H25,0/25	9004170000	J.15	HÜLSSE REMOVAL TOOL CM 5	1044090000	D.33			
H1,5/16 ZH R	9037290000	J.10	H25,0/30 BR	0317000000	J.4						
H1,5/16 ZH R SV	9004410000	J.10	H25,0/30D 16 GE	9019280000	J.6						
H1,5/16D SW	9019130000	J.6	H25,0/30T SW	9021190000	J.8						
H1,5/16D ZH SW	9037470000	J.11	H25,0/32	9004180000	J.15						
H1,5/16D ZH SW SV	9004420000	J.11	H25,0/36 BR	0317100000	J.4						
H1,5/17,5X SW SV	9006590000	J.13	H25,0/36D GE	9019300000	J.6						
H1,5/18	9004070000	J.15	H25,0/36T SW	9021200000	J.8						
H1,5/18D SW	9019140000	J.6	H35,0/18	0368900000	J.15						
H1,5/19,5X SW SV	9006630000	J.13	H35,0/25	9004190000	J.15						
H1,5/20 ZH R	9037300000	J.10	H35,0/30 BE	0317200000	J.4						
H1,5/20 ZH R SV	9004920000	J.10	H35,0/30D 16 R	9019310000	J.6						
H1,5/20D SW ZH SV	9004750000	J.11	H35,0/30S	9451000000	J.15						
H1,5/20D ZH SW	9037480000	J.11	H35,0/32	9004200000	J.15						
H1,5/24 R	0565600000	J.4	H35,0/32D R	9019320000	J.6						
H1,5/24 XS SW	90202870000	J.13	H35,0/39 BE	0317300000	J.4						
H1,5/24D SW	9019150000	J.6	H35,0/39D R	9019330000	J.6						
H1,5/26 ZH R	9037310000	J.10	H4,0/12	0244100000	J.15						
H1,5/26D ZH SW	9037490000	J.11	H4,0/15	9004100000	J.15						
H1,5/7	0372700000	J.15	H4,0/18	9004110000	J.15						
H10,0/12	0282900000	J.15	H4,0/18 GR SV	9026010000	J.4						
H10,0/15	0124800000	J.15	H4,0/18D GR	9019190000	J.4						
H10,0/18	0379300000	J.15	H4,0/18T OR	9021100000	J.8						
H10,0/22 EB	0534200000	J.4	H4,0/18T OR SV	9021250000	J.8						
H10,0/22D R	9019240000	J.6	H4,0/19,5X GR SV	9006750000	J.13						
H10,0/22T BR	9021150000	J.8	H4,0/20D GR	9019200000	J.4						
H10,0/24 ZH EB	9037340000	J.10	H4,0/20T OR	9021110000	J.8						
H10,0/24 ZH EB SV	9004940000	J.10	H4,0/22D ZH GR	9037530000	J.10						
H10,0/24,0X R SV	9006830000	J.13	H4,0/22T ZH OR	9037670000	J.12						
H10,0/24D ZH R	9037570000	J.11	H4,0/26D GR	9019210000	J.4						
H10,0/24DS ZH R	9018880000	J.11	H4,0/26T OR	9021120000	J.8						
H10,0/24T ZH BR	9037710000	J.12	H4,0/28D ZH GR	9037540000	J.10						
H10,0/26D R ZH SV	9004710000	J.11	H4,0/28T ZH OR	9037680000	J.12						
H10,0/28 EB	0565800000	J.4	H4,0/9	0373100000	J.15						
H10,0/28D R	9019250000	J.6	H4/22D ZH GR SV	9037430000	J.10						
H10,0/28T BR	9021160000	J.8	H50,0/18	9004210000	J.15						
H10,0/30 ZH EB	9037350000	J.10	H50,0/22	9025880000	J.15						
H10,0/30D ZH R	9037580000	J.11	H50,0/32	9004220000	J.15						
H10,0/30T ZH BR	9037720000	J.12	H50,0/41D BL	9019350000	J.6						
H10/24S ZH EB	9018860000	J.10	H50/36 OLIV	0444200000	J.4						
H10/30DS ZH R	9018890000	J.11	H50/36D BL	9019340000	J.6						

H6,0/0/20T GN	9021130000	J.8	KOFFER PSC80 PC	9202330000	H.16
H6,0/10	9004120000	J.15	KOH3 19	9205010000	B.13
H6,0/12	0191900000	J.15	KOH3 9,5+19		

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LSP 3 - 690V	9205060000	G.10

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M-D-STRIPAX	9001280000	C.5
M-D-STRIPAX +6 MEHA	9003500000	C.5
M-D-STRIPAX AWG 18	9003740000	C.5
M-D-STRIPAX AWG 20+22	9003730000	C.5
M-D-STRIPAX AWG 24	9003720000	C.5
M-D-STRIPAX AWG 26+28	9003710000	C.5
M-D-STRIPAX AWG 30+32	9003700000	C.5
M-D-STRIPAX LWL	9003750000	D.34
MASTER CHECK	9918880000	G.9
Master Check 2MM	9201260000	G.9
MEHA KP BL M-D-SPX	9003630000	C.5
MEHA KP GE M-D-SPX	9003600000	C.5
MEHA KP GN M-D-SPX	9003620000	C.5
MEHA KP RT M-D-SPX	9003610000	C.5
MEHA KP SW M-D-SPX	9003640000	C.5
MEHA KP WS M-D-SPX	90068970000	C.5
MESSEREINSATZ CST VARIO	9006730000	C.13
MESSERHALTER CST VARIO	9006740000	C.13
MG KIT CA 600	9427460000	G.14
MTR 35 ZERT	9017470000	D.28
MTR 110	9018020000	D.28
MTR 110 ZERT	9017490000	D.28
MTR 160	9017250000	D.28
MTR 160 ZERT	9017850000	D.28
MTR 300	9021390000	D.28
MTR 300 ZERT	9017860000	D.28
MTR 35	9017500000	D.28
MULTI CHECK	9918920000	G.7
Multi Check 2MM	9201570000	G.7
Multi-Stripax 0.25-1.5S	9204540000	C.8
multi-stripax 0.75-4"SL	9203610000	C.8
Multi-Stripax 1.5-6.0S	9204560000	C.8
multi-stripax 16 SL	9202220000	C.8
multi-stripax 6-16	9202210000	C.8
multi-stripax ASI	9202250000	C.8
multi-stripax AWG	9202230000	C.8
multi-stripax GWK LW	9205760000	C.8
MULTI-STRIPAX IE-POF	1208880000	K.8
MULTI-STRIPAX PV	1190490000	K.4
MULTIMETER 1037	9423580000	G.15
MULTIMETER 125S	9425830000	G.13
MULTIMETER C 2606	9427370000	G.15

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PB LWL/POF	9020400000	D.34
POWERSTRIPPER 16,0	9028480000	I.6
POWERSTRIPPER 6,0	9028510000	I.6
POWERSTRIPPER ao 16-20	9027290000	I.7
POWERSTRIPPER ao 2,5-20	9027270000	I.7
PRES 10Q MTR 110	9018700000	D.29
PRES 16Q MTR 110	9018710000	D.29
PRES 25Q MTR 110	9018720000	D.29
PRES 35Q MTR 110	9018730000	D.29
Pro Case Insta	9203160000	H.4
Pro Case leer	9202470000	H.4
Pro Case Premium	9202460000	H.4
PRSPSU	1332420000	G.4
PS LWL/POF	9020390000	D.34
PS_ZOV	1121740000	G.16
PS_ZOV_SET	1116710000	G.16
PUNCH DOWN TOOL PDT	9013970000	D.31
PV SET WM4	1257780000	H.13
PZ 1.5	9005990000	D.7
PZ 1.5 ZERT	9017310000	D.7
PZ 16	9012600000	D.10
PZ 16 ZERT	9017340000	D.10
PZ 3	0567300000	D.9
PZ 3 ZERT	9017360000	D.9
PZ 4	9012500000	D.8
PZ 4 ZERT	9017300000	D.8
PZ 50	9006450000	D.11
PZ 50 ZERT	9017400000	D.11
PZ 6 HEX	9013650000	D.7
PZ 6 HEX Zert	9017920000	D.7
PZ 6 Roto	9014350000	D.9
PZ 6 ROTO ZERT	9017440000	D.9
PZ 6/5	9011460000	D.8
PZ 6/5 ZERT	9017900000	D.8
PZ ZH 16	9013600000	D.10
PZ ZH 16 ZERT	9013610000	D.10

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0540000000

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0560000000

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1120000000

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1130000000

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1190000000

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1200000000

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1250000000

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1290000000

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1900000000

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9006870000	H16,0/25,5X BL SV	J.13
9006970000	MEHA KP WS M-D-SPX	C.5
9007440000	DMS 3	F.5
9007450000	AKKU DMS 3	F.5
9007460000	LADEGERAET DMS 3	F.5
9007470000	DMS 3 SET 1	F.5
9007480000	DMS 3 SET 2	F.5
9008120000	TT 864 RS	D.27
9008130000	ERSATZMESSERSATZ TT864	D.27
9008190000	TT 1064 RS	D.27
9008320000	SDS 0.5X3.0X80	F.21
9008330000	SDS 0.6X3.5X100	F.21
9008340000	SDS 0.8X4.0X100	F.21
9008350000	SDS 1.0X5.5X150	F.21
9008370000	SDIS 0.4X2.5X75	F.19
9008380000	SDIS 0.5X3.0X100	F.19
9008390000	SDIS 0.6X3.5X100	F.19
9008400000	SDIS 0.8X4.0X100	F.19
9008410000	SDIS 1.0X5.5X125	F.19
9008420000	SDIS 1.2X6.5X150	F.19
9008430000	SDIS 1.6X8.0X175	F.19
9008450000	SDIZ 0.6X3.5X100	F.19
9008460000	SDIZ 0.8X4.0X100	F.19
9008470000	SDK PH0	F.21
9008480000	SDK PH1	F.21
9008490000	SDK PH2	F.21
9008500000	SDK PH3	F.21
9008530000	SDK PZ1	F.21
9008540000	SDK PZ2	F.21
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9008560000	SDIK PH0	F.19
9008570000	SDIK PH1	F.19
9008580000	SDIK PH2	F.19
9008590000	SDIK PH3	F.19
9008640000	SDIZ 0.8X5,5 150/248	F.19
9008650000	SK WSD-S 1,5-10,0	F.23
9008660000	SKS 2,0-8,0	F.23
9008670000	SKS 2,0-8,0 MR	F.23
9008680000	TH-S 9-40	F.23
9008690000	SDIK PZ2	F.19
9008900000	SDIK PZ1	F.19
9008910000	SDIS 1.0X4.5X125	F.19
9009010000	SDS 1.2X6.5X150	F.21
9009020000	SDS 0.8X4.0X125	F.21
9009030000	SDS 0.4X2.5X75	F.21
9009070000	SK 10,0x125	F.21
9009160000	SD TH20	F.21
9009170000	SD TH15	F.21
9009180000	SD TH10	F.21
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9009630000	BHS 1/4	F.7
9009730000	SDI Set S2.5-5.5/PH1/2	F.20
9009740000	SD Set S2.5-5.5/PH1/2	F.22
9009750000	SYSTEM 11+1	F.24

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9010110000	SDS 0.6X3.5X200	F.21
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9011360000	HTX LWL	D.19
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9012000000	HTG 58	D.23
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9013260000	HTF SUB-D	D.24
9013400000	HTF 63	D.14
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9013600000	PZ 2H 16	D.10
9013610000	PZ 2H 16 ZERT	D.10
9013650000	PZ 6 HEX	D.7
9013690000	CTX CM 1.6/2.5 ZERT	D.18
9013960000	ERME 110 PDT	D.31
9013970000	PUNCH DOWN TOOL PDT	D.31
9013980000	ERME 66 PDT	D.31
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9014000000	ERME LSA PLUS STANDARD	D.31
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9014100000	HTN 21 M. AN	D.16
9014140000	HTF DFF	D.25
9014210000	OFF-C ENTRIEGELUNGSWZ.	D.32
9014350000	PZ 6 Roto	D.9
9014400000	HTI 15	D.16
9014610000	HTN 21	D.16
9014840000	HTF ZRV	D.25
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9016230000	EINSATZPAAR ISO 700MM	D.30
9016240000	EINSATZPAAR ISO 950MM	D.30
9016250000	EINSATZPAAR ISO1200MM	D.30
9016260000	RUNDPRESSEINS 25SM35SE	D.30
9016270000	RUNDPRESSEINS 35SM50SE	D.30
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9016290000	RUNDPRESSEINS 70SM95SE	D.30
9016370000	RUNDPRESSEINS 95SM120SE	D.30
9016380000	RUNDPRESSEINS 120SM150SE	D.30
9016390000	RUNDPRESSEINS 150SM185SE	D.30
9016440000	RUNDPRESSEINS 185SM240SE	D.30
9017170000	HTN 21 M. AN ZERT	D.16
9017240000	HTF 63 ZERT	D.14
9017250000	MTR 160	D.28
9017260000	HTF 48 ZERT	D.14
9017270000	TRAGETASCHE MTR 160	D.28
9017290000	CTI 6 ZERT	D.15
9017300000	PZ 4 ZERT	D.8
9017310000	PZ 1.5 ZERT	D.7
9017330000	STRIPAX ZERT	C.4
9017340000	PZ 16 ZERT	D.10
9017350000	CTN 25 D4 ZERT	D.17
9017360000	PZ 3 ZERT	D.9
9017380000	HTN 21 ZERT	D.16
9017400000	PZ 50 ZERT	D.11
9017410000	HTF 28 ZERT	D.14
9017430000	HTI 15 ZERT	D.16
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9017560000	EINSATZ MTR35 10HEX	D.29
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9017600000	EINSATZ MTR35 25ALUHEx	D.29
9017610000	EINSATZ MTR35 35ALUHEx	D.29
9017620000	EINSATZ MTR35 10WMM	D.29
9017630000	EINSATZ MTR35 16WMM	D.29
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9017660000	EINSATZ MTR35 50WMM	D.29
9017670000	STEMPEL MTR35 6.35QMM DIN	D.29
9017680000	GESENK MTR35 60IN	D.29
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9017700000	GESENK MTR35 160IN	D.29
9017710000	GESENK MTR35 250IN	D.29
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9017750000	GESENK MTR35 35AE	D.29
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9017840000	TRAGEKASTEN MTR 35	D.28
9017850000	MTR 160 ZERT	D.28
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9017870000	DMS 3 ZERT	F.5
9017880000	HTF RSV 16 ZERT	D.25
9017890000	HTF-RSV 12 ZERT	D.25
9017900000	PZ 6/5 ZERT	D.8
9017920000	PZ 6 HEX ZERT	D.7
9017970000	STEMPEL MTR35 25.35.50.	D.29
9017990000	EINSATZ MTR35 10 ISOL	D.29
9018000000	EINSATZ MTR35 16 ISOL	D.29
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9018100000	EINSATZ MTR110 10-70HEX	D.29
9018110000	EINSATZ MTR110 16-35HEX	D.29
9018120000	EINSATZ MTR110 25-50HEX	D.29
9018130000	EINSATZ MTR110 95HEX	D.29
9018140000	EINSATZ MTR110 120HEX	D.29
9018400000	EINSATZ MTR110 10-70WMM	D.29
9018410000	EINSATZ MTR110 16-35WMM	D.29
9018420000	EINSATZ MTR110 25-50WMM	D.29
9018430000	EINSATZ MTR110 95WMM	D.29
9018440000	EINSATZ MTR110 120WMM	D.29
9018450000	EINSATZ MTR110 25-50	D.29
9018460000	EINSATZ MTR110 35-70	D.29
9018470000	EINSATZ MTR110 95	D.29
9018480000	CTX CM 3.6	D.18
9018490000	CTX CM 1.6/2.5	D.18
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9018520000	H0,75/14D ZH GR SV	J.11
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9018540000	H1,0/15D ZH R SV	J.11
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9018600000	GESENK MTR110 10-350IN	D.29
9018610000	GESENK MTR110 16-500IN	D.29
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9018730000	PRES 35Q MTR 110	D.29
9018800000	EINSATZ MTR110 16+35ALU	D.29
9018810000	EINSATZ MTR110 25+50ALU	D.29
9018820000	EINSATZ MTR110 70HEX	D.29
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9018870000	H10/30S ZH EB	J.10
9018880000	H10,0/24DS ZH R	J.11
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9018910000	H0,25/5	J.15
9019000000	H0,5/12D W	J.6
9019010000	H0,5/14D W	J.6
9019020000	H0,5/16D W	J.6
9019030000	H0,75/12D GR	J.6
9019040000	H0,75/14D GR	J.6
9019050000	H0,75/16D GR	J.6
9019060000	H0,75/18D GR	J.6
9019070000	H1,0/12D R	J.6
9019080000	H1,0/14D R	J.6
9019100000	H1,0/16D R	J.6
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9019180000	H2,5/25D BL	J.4
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9019200000	H4,0/20D GR	J.4
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9019250000	H10,0/28D R	J.6
9019260000	H16,0/22D BL	J.6
9019270000	H16,0/28D BL	J.6
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9019300000	H25,0/36D GE	J.6
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9019320000	H35,0/32D R	J.6
9019330000	H35,0/39D R	J.6
9019340000	H50/36D BL	J.6
9019350000	H50,0/41D BL	J.6
9019400000	H0,5/14D W SV	J.6
9019410000	H0,75/14D GR SV	J.6
9019420000	H1,0/14D R SV	J.6
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9020400000	PB LWL/PDF	0.34
9020900000	EINSATZ MTR 160 10HEX	D.30
9020910000	EINSATZ MTR 160 16HEX	D.30
9020920000	EINSATZ MTR 160 25HEX	D.30
9020930000	EINSATZ MTR 160 35HEX	D.30
9020940000	EINSATZ MTR 160 50HEX	D.30
9020950000	EINSATZ MTR 160 70HEX	D.30
9020960000	EINSATZ MTR 160 95HEX	D.30
9020970000	EINSATZ MTR 160 120HEX	D.30
9020980000	EINSATZ MTR 160 150HEX	D.30
9020990000	EINSATZ MTR 160 185HEX	D.30
9021000000	EINSATZ MTR 160 240HEX	D.30
9021010000	H0,25/10T GE	J.8
9021020000	H0,25/12T GE	J.8
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9021080000	H2,5/19T GR	J.8
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9021110000	H4,0/20T OR	J.8
9021120000	H4,0/26T OR	J.8
9021130000	H6,0/0/20T GN	J.8
9021140000	H6/26T GN	J.8
9021150000	H10,0/22T BR	J.8
9021160000	H10,0/28T BR	J.8
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9021210000	H0,25/10T GE SV	J.8
9021220000	H0,25/12T GE SV	J.8
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9021240000	H2,5/15T GR SV	J.8
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9021310000	EINSATZ MTR 160 160IN	D.30
9021320000	EINSATZ MTR 160 250IN	D.30
9021330000	EINSATZ MTR 160 350IN	D.30
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9021350000	EINSATZ MTR 160 700IN	D.30
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9028240000	H0,14/12 GR SV	J.4
9028250000	H0,14/10T BR SV	J.8
9028260000	H0,5/12 OR SV	J.4
9028270000	H0,5/16 OR SV	J.4
9028280000	H0,75/12 W SV	J.4
9028290000	H0,75/16 W SV	J.4
9028300000	H0,75/18 W SV	J.4
9028310000	H1,0/12 GE SV	J.4
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9028450000	EINSATZ A7-1 CL55	H.14
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9028490000	H2,5/12DS BL	J.14
9028500000	CRIMPFIX UNIVERSAL BD	I.8
9028510000	POWERSTRIPPER 6,0	I.6
9028530000	CRIMPFIX L	I.9
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9028650000	CRIMP-SET PZ 3	H.7
9028660000	CRIMP-SET PZ 3 D	H.7
9028670000	CRIMP-SET PZ 3 T	H.7
9028680000	CRIMP-SET PZ 6 ROTO	H.7
9028690000	CRIMP-SET PZ 6 ROTO D	H.7
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9028710000	CRIMP-SET PZ 6 HEX	H.8
9028720000	CRIMP-SET PZ 6 HEX D	H.8
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9028750000	CRIMP-SET PZ 6/5 D	H.8
9028760000	CRIMP-SET PZ 6/5 T	H.8
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9028780000	CRIMP-SET STRIPAX PLUS D	H.8
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9028800000	CRIMP-SET PZ 16 D	H.9
9028810000	CRIMP-SET PZ 16 T	H.9
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9028830000	CRIMP-SET PZ ZH 16 D	H.9
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9036300000	HOOKBLA 1,0-2,5 SW	J.18
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9037160000	SDS Q 4X2,0X60	F.21
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9037240000	H0,75/16 ZH W	J.10
9037250000	H0,75/24 ZH W	J.10
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9037300000	H1,5/20 ZH R	J.10
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9037410000	H0,75/140 ZH GR	J.11
9037420000	H0,75/160 ZH GR	J.11
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9037450000	H1,0/190 ZH R	J.11
9037460000	H1,0/250 ZH R	J.11
9037470000	H1,5/160 ZH SW	J.11
9037480000	H1,5/200 ZH SW	J.11
9037490000	H1,5/260 ZH SW	J.11
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9037560000	H6,0/290 ZH GE	J.11
9037570000	H10,0/240 ZH R	J.11
9037580000	H10,0/300 ZH R	J.11
9037590000	H16,0/290 ZH BL	J.11
9037600000	H16,0/380 ZH BL	J.11
9037610000	H0,75/14T ZH HBL	J.12
9037620000	H0,75/16T ZH HBL	J.12
9037630000	H0,75/24T ZH HBL	J.12
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9037680000	H4,0/28T ZH OR	J.12
9037690000	H6,0/23T ZH GN	J.12
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9046290000	KBZ 180	E.3
9046300000	KBZ 200	E.3
9046310000	SE HD 140	E.4
9046320000	SE HD 160	E.4
9046330000	SE HD 180	E.4
9046340000	SE TOP	E.4
9046350000	FZ 160	E.6
9046360000	RZ 160	E.6
9046370000	FRZ S 160	E.5
9046380000	FRZ S 200	E.5
9046390000	FRZ SG 160	E.5
9046400000	FRZ SG 200	E.5
9046410000	KSE 160	E.4
9046420000	KSE 200	E.4
9046430000	KBZ1 200	E.3

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9200090000	LIR 1,5M4 V	J.18
9200100000	LIR 1,5M5 V	J.18
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9200150000	LIR 2,5M3 V	J.18
9200160000	LIR 2,5M3,5 V	J.18
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9200200000	LIR 2,5M8 V	J.18
9200210000	LIR 2,5M10 V	J.18
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9200250000	LIR 6M6 V	J.18
9200260000	LIR 6M8 V	J.18
9200270000	LIR 6M10 V	J.18
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9200300000	LIS 1,5M3,5 V	J.18
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9200320000	LIS 1,5M5 V	J.18
9200330000	LIS 1,5M6 V	J.18
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9200430000	LIS 6M6 V	J.18
9200440000	LIS 6M8 V	J.18
9200450000	LIS 6M10 V	J.18
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9200480000	LIP 6R14 V	J.18
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9200500000	LIB 2,5B25 VF	J.19
9200510000	LIB 6B26 VF	J.19
9200520000	LIF 1,5F288 R	J.19
9200530000	LIF 1,5F488 R	J.19
9200540000	LIF 1,5F638 R	J.19
9200550000	LIF 2,5F488 R	J.19
9200560000	LIF 2,5F638 R	J.19
9200570000	LIF 6F638 R	J.19
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9200590000	LIF 2,5M638 R	J.19
9200600000	LIF 6M638 R	J.19
9200610000	LIF 1,5T638 R	J.19
9200620000	LIF 2,5T638 R	J.19

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9200630000	LIF 6T638 R	J.19
9200640000	LIF 1,5F638 RF	J.19
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9200660000	LIF 6F638 RF	J.19
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9200680000	LID 2,5M5 R	J.20
9200690000	LID 6M5 R	J.20
9200700000	LID 1,5F4 RF	J.20
9200710000	LID 2,5F5 RF	J.20
9200720000	LID 6,0F5 RF	J.20
9201040000	HTF AFK 2,5	D.25
9201260000	Master Check 2MM	G.9
9201310000	BATTERIE 1,5V MICRO	G.4
9201330000	TB 110	G.18
9201390000	TB 130	G.18
9201430000	ZUB SLICER NO16-35	C.15
9201520000	SKAI TASCHE	G.4
9201570000	Multi Check 2MM	G.7
9201580000	Digi Check Pro 2MM	G.6
9201590000	Digi Check 2MM	G.6
9202000000	KOFFER CARRY LITE 55	H.16
9202010000	KOFFER PSC5-01 PP	H.17
9202020000	EINSATZ A9-1 CL55	H.14
9202040000	KT 45 R	B.7
9202060000	KT 55	B.7
9202080000	KT 80	B.8
9202210000	multi-stripax 6-16	C.8
9202220000	multi-stripax 16 SL	C.8
9202230000	multi-stripax AWG	C.8
9202250000	multi-stripax ASI	C.8
9202260000	AlE multi-stripax 6-16	C.9
9202270000	AlE multi-stripax 16 SL	C.9
9202280000	AlE multi-stripax AWG	C.9
9202300000	AlE multi-stripax ASI	C.9
9202330000	KOFFER PSC80 PC	H.16
9202460000	Pro Case Premium	H.4
9202470000	Pro Case leer	H.4
9202510000	WK 1/4" C6,3 E6,3	F.9
9202580000	Crimp Set Combi	H.12
9202590000	Crimp Set Digi Pro	H.12
9202600000	Crimpset CTI 6	H.10
9202610000	Crimpset PZ / CTI	H.11
9202640000	Crimp-Set Kontakte	H.11
9202740000	BIT E6,3 1,2x6,5x70	F.6
9202750000	BIT E6,3 0,4x2,5x70	F.6
9202800000	TT 8 RS MP 8	D.26
9202820000	H0,75/19S ZH W	J.10
9202830000	H0,75/19DS ZH GR	J.11
9202840000	H0,75/19TS ZH HBL	J.12
9202850000	CTI 6 G	D.15
9202860000	CTF 63	D.14
9202870000	H1,5/24 XS SW	J.13
9202880000	H2,5/24 XS BL	J.13
9202900000	H 0,5/16 S OR	J.14
9202910000	H0,5/16 DS W	J.14
9203070000	ERME MULTI-STRIPAX	K.8
9203100000	ERAN MULTI-STRIPAX	K.8
9203160000	Pro Case Insta	H.4
9203260000	EINSATZ A9-2 CL55	H.14
9203610000	multi-stripax 0,75-4°SL	C.8
9203620000	H 10,0/22 S EB	J.14
9203630000	H 4,0/20 DS GR	J.14
9203730000	AlE multi-spx 0,75-4°SL	C.9
9204090000	H0,34/11 S TK	J.14
9204180000	AMF 6/10	C.11
9204190000	AM 16	C.11
9204230000	Combi Check 2MM	G.8
9204240000	H0,75/15S HBL	J.14
9204250000	ERME AMF 6/10	C.11
9204260000	ERME AM 16	C.11
9204270000	ERME KT 45 R	B.7
9204280000	ERME KT 55	B.7
9204290000	ERME KT 80	B.8
9204350000	IECST	C.12
9204540000	Multi-Stripax 0,25-1.5S	C.8
9204550000	AlE M-SPX 0,25-1.5 S	C.9
9204560000	Multi-Stripax 1,5-6.0S	C.8
9204570000	AlE M-SPX 1,5-6.0 S	C.9
9204750000	SEE ESD 125	E.8
9204760000	FZE ESD 130	E.8
9204770000	SZE ESD 130	E.8
9204780000	KOBBS 19x75	B.15
9204790000	IE-KOK-V5	B.15
9204810000	KOK-46X46	B.15
9204820000	KOK-52X36	B.15
9204830000	KOK-65X36	B.15
9204840000	KOK-68X68	B.15
9204850000	KOK-86X36	B.15
9204860000	KOK-91X36	B.15
9204870000	KOK-112X36	B.15
9204880000	KOS-M16	B.15
9204900000	KOS-M25	B.15
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9204930000	KOS-PG9	B.15
9204940000	KOS-PG11	B.15
9204950000	KOS PG 13/M20	B.15
9204960000	KOS-PG16	B.15
9204970000	KOS-PG21	B.15

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9204980000	KOS-PG29	B.15
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9205010000	KOHS 19	B.13
9205020000	KOPD 10.0	B.14
9205030000	KOBBS 9.5X50	B.15
9205040000	KOBBS 19X55	B.15
9205050000	LSP 3 - 400V	G.10
9205060000	LSP 3 - 690V	G.10
9205130000	SEE SD 120	E.8
9205140000	SVSE SD 130	E.8
9205150000	SUPER CUT	E.9
9205210000	KOF SET 100	E.9
9205260000	ZUB TEMPHASER	G.16
9205270000	ZUB MULTIMETER	G.16
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9205290000	IE-CTI-LC-GOF	D.20
9205300000	IE-CTI-SC-PDF	D.20
9205310000	IE-CTI-SC-GOF-P	D.20
9205320000	IE-CTI-SC-GOF	D.20
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9205340000	IE-CT-SC-PDF	D.20
9205350000	IE-CTI-SC-GOF-P	D.20
9205400000	LAN USB TESTER	G.17
9205410000	CRIMPFIX 2.5 M	1.8
9205420000	CRIMPFIX 2.5 M To T.34	1.8
9205430000	CTIN CM 1/6 2/5	D.18
9205440000	CTIN CM 3/6	D.18
9205460000	ZUB MULTI 1037	G.16
9205550000	SDI Set S2.0-5	F.20
9205560000	SD Set S2.0-5	F.22
9205600000	BIT E6 3.0 5X3.0X110	F.6
9205610000	BIT E6 3.0 6X3.5X110	F.6
9205620000	BIT E6 3.0 8X4.0X110	F.6
9205630000	BIT E6 3.0 6X4.5X110	F.6
9205640000	BIT E6 3.1 0X5.5X110	F.6
9205650000	BIT E6 3.1 2X6.5X110	F.6
9205660000	BIT E6 3.2 0.8X4.0X70	F.6
9205670000	BIT E6 3.2 0.6X3.5X70	F.6
9205680000	UBH SWH 1/4 EC 63	F.7
9205690000	SDIS 0.4X2.0X60	F.19
9205700000	SDIS 1.0X4.5X175	F.19
9205710000	SDIS 1.0X5.5X175	F.19
9205760000	multi-stripax GKW LW	C.8
9205771000	AIE multi-stripax GKWLW	C.9

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9918850000	DIGI CHECK	G.6
9918860000	COMBI CHECK	G.8
9918870000	DIGI CHECK PRO	G.6
9918880000	MASTER CHECK	G.9
9918920000	MULTI CHECK	G.7
9918950000	Volt-Check 3.1	G.11
9918970000	CAR-CHECK	G.11