



The right tool
for every application

TOOL fox

dialog with customers and partners worldwide

Phoenix Contact is a globally present, many-based market leader. Our group companies is synonym for future-oriented components, systems, and solutions in the fields of electrical engineering, electronics, and automation. Our global network across more than 100 countries, and 15,000 employees ensure a close proximity to our customers, which we believe is particularly important.

The wide variety of our innovative products makes it easy for our customers to find tailored solutions for different applications and industries. We especially focus on the fields of energy, infrastructure, mass and factory automation.





TOOL fox – The right tool for every application

As a manufacturer of professional processing and measuring tools, Phoenix Contact is your competent partner for all electrical engineering applications. The TOOL fox tool program offers products for cutting, stripping, crimping, mounting and testing. It impresses with its convenient handling and the highest quality. Cutting, stripping, and crimping devices can also be used to automate work steps.

Professional tools are a prerequisite for very good results. Our tools are about quality, precision, durability, and effectiveness.

TOOL fox offers a complete portfolio of hand tools and automatic devices for industrial use, thereby ensuring that all tasks in the process chain are performed professionally.

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Quality and tool expertise

DOL fox

Professional tools feature reliability and high performance. We produce our tools in specialized manufacturing processes in accordance with applicable standards, directives, and legal regulations.

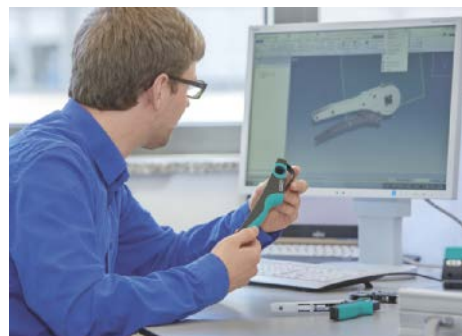
At our manufacturing site in Sweden, we operate in a resource-saving and sustainable manner while being aware at all times of our responsibility towards the environment.

Phenix Contact tools impress with their innovative solutions, precision, and reliability.



Purchasing

Right from the procurement phase of all raw materials and components for our tools



Development

We develop innovative products that impress – our development focuses on



n
d experts deliver high-quality
comprehensive machine park and

Quality assurance

We guarantee the highest quality standards across the entire process chain. We guarantee

Advice and service

Do you need support? Our competent partners will gladly advise you in all matters

Conductors and cables

Conductors, cables, and wires serve the same purpose to carry electrical signals and energy. In everyday conversation, cables are often equated to wires, as they are. Cables generally consist of several conductors that are isolated from each other. Cables, however, have increased mechanical resistance, which allows them to be used in the ground, underwater or even protected outside.

A conductor (also called wire) consists of a conductive core of copper or aluminum, in addition to insulation. Copper is preferred, due to its excellent electrotechnical properties.

The IEC/DIN EN 60228 (VDE 0295) divides conductors into 4 classes of flexibility, which classifies the basic flexibility of the conductors. The criteria for this are the individual wire diameters and the number of individual wires. A further influence on the inherent stability is the twist pitch. The twist pitch refers to the length of an individual wire that is required for a 360° rotation. The lower the twist pitch, the more rigid and compact the conductor is, and this also increases the external diameter.

In the IEC/DIN EN 60228 (VDE 0295) standard, the conductor cross sections are defined by the electric conductance or resistance values. These values are the basis for determining the maximum current carrying capacity. Geometrical data, in particular cross section tolerances, are not determined here. As a result, the actual cross section can deviate substantially from the nominal cross sections. By using copper, which today has a purity of up to 99.99%, the manufacturer is in a position to replace the actual copper cross section with one of more than 10% less. This circumstance poses a challenge in the area of crimping.

The insulation serves as a permanent divider between the individual conductors as well as a protective casing against external influences. The basic requirement from the insulation material is the greatest possible electrical resistance; however, the corresponding resulting warmth can detract from this. Today, the choice of insulation is above all plastic, in all its versions. The type and properties of the plastic decide the later possibility of use for the conductors, cables, and wires. A further criterion is the strength of the insulation. This measure has direct influence on the mechanical and electrical loading capacity. The condition of the insulation (such as hardness, durability, thickness) is furthermore decisive when choosing the right stripping tool.

Class 1: single-strand



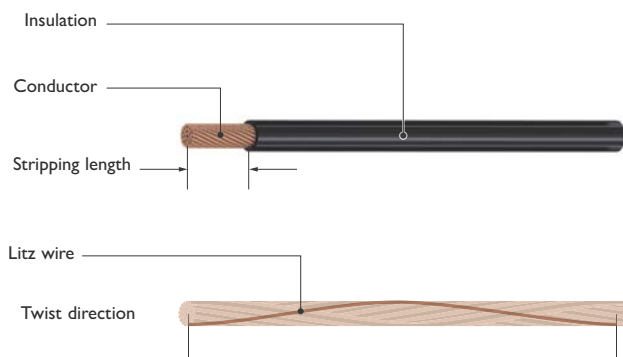
Class 2: multi-strand



Class 5: fine-strand



Class 6: extra-fine-strand



ules

ule is a useful tool in conductor ure and wiring. Using sleeves potential splicing of the individual hich allows for effective, and , reliable processing. In DIN he ferrule is defined as between 50 mm². This standard can be four parts:

blank shape without plastic sleeve crimping with and without on

conductor surrounded without on

blank shape with plastic sleeve

on to the geometrical dimensions, rials and the coloring dependent sections are the test basis of the . Furthermore, the requirements eeve, and conductors of

5, and 6 must be picked up

conductor cross sections are

via the electrical resistance levels as is the case with sleeves,

ometric dimensions. Larger

tations in the cross sections

efore possible (also refer to the

on conductors and cables). Due

here is a certain discrepancy

the sleeve and the conductor.

Contact crimping tools are

overwhelmingly designed to even

difference in capacity. In addition

to DIN, there is a French standard for ferrules, NF C 63-023. With the exclusion of coloring in some cross sections (refer to matrix), the NF is based on DIN.

UL 486 F as well as the Canadian C22.2 NO. 291-14 are new to the field of legal provisions for ferrules. These harmonized standards are also based on the DIN. However, they deal with testing and specific requirements (among others, refer to the table of extraction values). In UL 486 F, for the first time, special sleeves such as the TWIN are fixed in the standard for the two-wire connection. For certification according to the standards mentioned above, UL and CSA, comprehensive testing by the respective organization is necessary. It is not only the sleeves that are tested and certified; the entire system based on crimping tools and ferrules undergoes this process.

The most important advantages of the ferrules:

- Increased, long-term operational and contact reliability
- Time-saving further processing (especially with Push-in terminal blocks)
- Reliable connection, even with repeated re-wiring
- Reduction in cable breakages
- Easy cross section detection
- Increased vibration resistance
- Permanently low contact resistances
- Individual wires are protected (particularly for screw terminal blocks)
- Consistent clamping of screw connections

| section | DIN 46228-4 | UL486-F (Form E) | NF C 63-023 | Special color code |
|---------|-------------|------------------|-------------|--------------------|
| mm² | | | | Gray |
| mm² | | | | Light blue |
| mm² | | | Green | Turquoise |
| mm² | White | White | White | Orange |
| mm² | Gray | Gray | Blue | White |
| mm² | Red | Red | Red | Yellow |
| mm² | Black | Black | Black | Red |
| mm² | Blue | Blue | Gray | Blue |
| mm² | Gray | Gray | Orange | Gray |
| mm² | Yellow | Yellow | Green | Black |
| 0 mm² | Red | Red | Brown | Ivory |
| 0 mm² | Blue | Blue | Ivory | Green |
| 0 mm² | Yellow | Yellow | Black | Brown |

Now UL-certified

Phoenix Contact was one of the first tool manufacturers to have ferrules in combination with crimping tools and crimping devices, such as the CF Crimphandy, certified in accordance with the new UL 486 F standard. Together with conformity with DIN 46228 (1-4), this allows us to fulfill global market requirements in the areas of quality, safety and compatibility.

Connectors

Crimp connections have been tested millions of times in all areas of industry; automotive technology, air travel, the transport industry, and in medical devices.

Connectors are also known as crimp contacts. They are available in a wide range of versions and designs.

They are divided into two main groups: large, turned connectors or contacts referred to as closed; the punched, pressed connectors or contacts are called open.

In electrical installation, these crimp connections fall under the heading solder-free electrical connections.

The scope of service as well as test specifications are described in the European standard DIN EN 60352-2.

Crimping is a joining process to permanently connect one or more conductors with a contact. A stripped conductor is inserted into the crimp zone of the contact and connected by means of a specific crimping process. This results in a durable, fixed and reliable connection that cannot be detached.

The following key groups make up the different connector types, with a large range of dimensions and conductor cross sections:

Punched, rolled contacts, hard-soldered crimped cable lugs, tubular and compression cable lugs, butt connectors, insulated crimped cable lugs, pin cable lugs, non-insulated and insulated ring cable lugs, non-insulated fork-type cable lugs, non-insulated and insulated slip-on sleeves and coaxial CATV connectors.

Crimp profiles

The B crimp profile is mainly used as a crimping profile for punched, rolled contacts.

Large rotated connectors or contacts mainly exhibit the following profiles in four-mandrel crimping (4/8 indent), square, oval, mandrel crimping, twin mandrel crimping, WM pressing, hexagonal (hex) with mandrel crimping, and B crimp.

Mechanical crimping pliers with a ratchet system or hydraulically actuated tools with different die sizes and crimp profiles process cross sections larger than 10 mm². In electrical, pneumatic, and electropneumatic crimping machines, depending on the machine type, square and four-mandrel profiles of up to 10 mm² are installed. For larger cross sections, such as for the charging plug, the B crimping profile is also used. Other

profiles, such as WM crimp, O crimp, indent crimp, and double indent crimp, are used for processing ferrules, tubular and compression cable lugs, and connectors up to 300 mm². The DIN 46230, DIN 46234 and DIN 46235 are used as a reference for the standard.

This time-saving, cost-effective connection method has been proven over many decades, millions of times. Getting the right version however, is a very complex task. For crimp connections in line with standards, the right interplay of the cross section of the litz wire, crimp contact, crimping tool and correct tool settings is crucial. Selecting the crimp profile depends on various parameters, such as the connector or crimp contact, the standard applicable, the area of use, and the specific connector type.



Overview crimp profiles

Conductor pull-out test

Points can be affected by forces during wiring or operation. Therefore, properly crimped connectors must offer a high degree of mechanical safety. To test the tensile load of a crimped conductor is exposed to a defined, cross-sectional tensile load for a period of 60 seconds, and withstand this load. The tensile load exerts stress on the conductor at the crimping point. Damages to the crimping point must not be a result of this test, even the maximum tensile load is tolerated, until the connection is broken.



Conductor pull-out test

| | JIS type | AWG/MCM equivalent | UL 486F-A-F | IEC 60999-1/2 EN 60947-1 DIN 46228-1/4 | IEC 60352-2 | UL486A/B (CU) | JIS C 2805 | DIN EN 61238-1 (CU) | DIN EN 61210 |
|--|----------------------|--------------------|------------------------|--|-------------|------------------|---------------|---------------------------|-----------------|
| | - | 24 | 0.21 mm ² | 20 N | 10 N | 28 N | | | 28 N |
| | | | | 20 N | | 32 N | | | |
| | - | 22 | 0.33 mm ² | 20 N | 15 N | 40 N | | | 40 N |
| | - | 20 | 0.52 mm ² | 20 N | 20 N | 60 N | | | 56 N |
| | - | | | 30 N | 30 N | 85 N | | | 84 N |
| | - | 18 | 0.82 mm ² | 30 N | 30 N | 90 N | | | |
| | | | | 35 N | 35 N | 108 N | | | 108 N |
| | 1.25 mm ² | | | | | | 100 N (200 N) | | |
| | | 16 | 1.31 mm ² | 40 N | 40 N | 135 N | | | |
| | | | | 40 N | 40 N | 150 N | | | 150 N |
| | 2.0 mm ² | | | | | | 100 N (290 N) | | |
| | | 14 | 2.08 mm ² | 50 N | 50 N | 200 N | | | |
| | | | | 50 N | 50 N | 230 N | | | 230 N |
| | | 12 | 3.31 mm ² | 60 N | 60 N | 275 N | | | |
| | 3.5 mm ² | | | | | | 540 N | | |
| | | | | 60 N | 60 N | 310 N | | | 310 N |
| | 5.5 mm ² | | | | | | 780 N | | |
| | | 10 | 5.26 mm ² | 80 N | 80 N | 360 N | | | 360 N |
| | 8 mm ² | | | | | | 980 N | | |
| | | 8 | 8.37 mm ² | | | 370 N | | | |
| | | | | 90 N | 90 N | 380 N | | 600 N | |
| | 14 mm ² | | | | | | 1400 N | | |
| | | 6 | 13.23 mm ² | 100 N | 100 N | | | 960 N | |
| | 22 mm ² | | | | | | 1800 N | | |
| | | 4 | 21.15 mm ² | 135 N | 135 N | | | 1500 N | |
| | | 3 | 26.67 mm ² | | | | | | |
| | | 2 | 33.62 mm ² | 190 N | 190 N | | | 2100 N | |
| | 38 mm ² | | | | | | 2500 N | | |
| | | 1 | 42.41 mm ² | | | | | | |
| | | 1/0 | 53.48 mm ² | | 236 N | | | 3000 N | |
| | 60 mm ² | | | | | | 3200 N | | |
| | | 2/0 | 67.43 mm ² | | 285 N | | | 4200 N | |
| | | 3/0 | 85.01 mm ² | | 351 N | | | 5700 N | |
| | 100 mm ² | | | | | | 3900 N | | |
| | | 4/0 | 107.22 mm ² | | 427 N | | | 7200 N | |
| | | 250 MCM | 127 mm ² | | | | | | |
| | 150 mm ² | 300 MCM | 152 mm ² | | 427 N | | 4100 N | 9000 N | |
| | | 350 MCM | 177 mm ² | | 503 N | | | 11100 N | |
| | 200 mm ² | | | | | | 4400 N | | |
| | | 400 MCM | 203 mm ² | | | | | | |
| | | | | | | 2893 N | | | |

Gas tightness in crimp connections

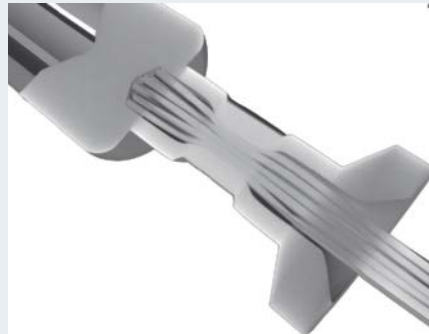
A gas-tight crimp connection is the result of a defined crimping procedure. The wire strands in one or more conductors and a ferrule are joined into a largely homogeneous structure, with no gaps or voids. This results in a durable, reliable connection that cannot be loosened. In addition to the mechanical and electrical properties to be tested, a visual observation of the connection provides key information on the quality of the connection. To this end, grinding patterns or acquisitions are created by means of computer tomography. The density, breaking elongation, and the deformation of the individual wire strands are assessed in this way.

A correctly executed crimp procedure is fully protected from gases such as sulfur dioxide containing industrial environments, oxygen, salt spray, or other aggressive media. This prevents gas-induced corrosion during the service life of individual wire strands such that the electrical properties deteriorate as a result. The crimp connections of ferrules cannot be compared directly with connectors or cable lugs. They must be considered differently. Ferrules are used as a protective protection for class 2, 5, and 6 wires, that are flexible and highly reliable. The copper sleeve of the ferrule has a material thickness of 0.15 to 0.2 mm. It is significantly thinner than that of cable lugs, for example. If the copper sleeve of a ferrule with a conductor cross section of 2.5 mm² has a material thickness of 0.3 mm, the material thickness of a comparable cable lug is 0.5 mm. DIN 46228 (parts 1-4) describes the mechanical testing and the envelope tension check as of 2.5 mm² for class 5 wires in accordance with DIN 46228 for the crimping of ferrules. The electrical properties are evaluated together with the later application of the connection, e.g. within a terminal block. In harsh environments, corrosion-free contact areas are a real prerequisite for low resistance and therefore high performance connections. For this reason, the secure positioning of the connection at the terminal point must be ensured. The impact of aggressive media on the

DIN EN 60947-7-1 must not exceed a value of 3.2 mV before or after the test, nor must it exceed 1.5 times the value measured at the start of the test.

In a gas-tight connection, it is assumed that the test object fulfills requirements of a test in a condensation changing climate with an atmosphere containing sulfur dioxide in accordance with DIN 50018 (AHT 2.0 S). This test consists of storage in a condensation changing climate with changing air humidity and temperatures. In the first test section, the test object is exposed to an SO₂ volume concentration of 0.67% at a temperature of 40°C and a humidity of approx. 100% for 8 hours. After this test, the test objects are left to dry for 16 hours with the door open. This cycle is executed twice before the test objects are assessed.

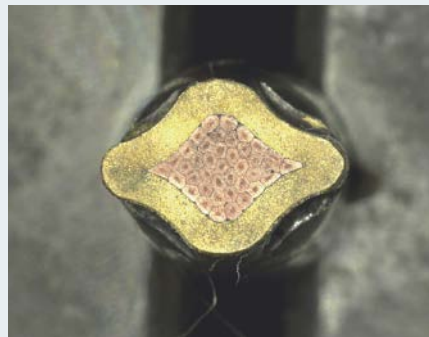
When used correctly at contact points, Phoenix Contact crimping tools, ferrules, and connectors achieve a permanent gas-tight connection that cannot be impaired even by aggressive substances. Even aggressive media do not impact this connection.



View lengthways through the crimp



View vertically through the crimp



Micrograph

V tests in accordance with EN 60900

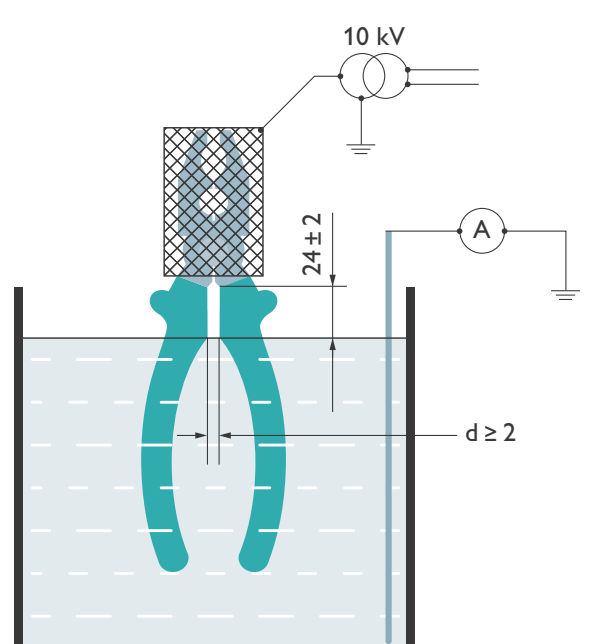
strict safety regulations for working with live parts up to 1000 V AC and 1500 V DC, VDE-insulated tools take on a special role in addition to general safety regulations. The IEC 60900 international standard places the highest requirements on VDE-insulated tools. In addition to the requirements in terms of geometry and dimensions, the properties of the insulation material are above all defined. Comprehensive tests complete the type proofing of the condition of the insulation. Inscriptions undergo a visual test. A dielectric test checks the resistance of the insulation layer against impacts, vibrations, flaking or cracks cannot occur, even at lower temperatures (depending on category, from -25°C or -40°C). An indentation test (semi-sphere with 2 mm diameter), the insulation is tested at 70°C with 20 N for 2 hours. During the test, the test point must not undergo any electrical disruptive discharge, arcing or sparkover over a period of 30 minutes while a voltage of 5 kV is applied (r.m.s. value).

In dielectric tests, pre-conditioned tools (water bath or humid storage) are exposed to a voltage test. A voltage of 10 kV is applied for three minutes. The discharge current must be less than 1 mA per 200 mm coating length of the hand tool. Further tests are based on the adhesion strength of the insulation coating, the inscriptions' resistance to chemicals, and the combustion behavior. The positive outcome of the type proofing of a tool forms the basis for using the VDE logo, in conjunction with IEC 60900. Regular checks on the production sites and test points are also made through the respective VDE approval point. As part of these, among other things: Random product samples are taken from ongoing production and assessed. The manufacturer carries out comprehensive testing during production that ensures that all of the requirements of the IEC 60900 are adhered to. The last hurdle is the test for electric strength. Each tool is tested at 10,000 V AC. Only after passing this test can a tool be referred to as VDE-certified and released for sale.



Marking of a VDE tool. The letter "C" indicates the possible use at low temperatures

The VDE-insulated and correspondingly marketed tools from Phoenix Contact provide the user with high quality and the greatest possible degree of safety when working with live parts up to 1000 V AC and 1500 V DC.



Cutting

Cable processing starts with the trimming or cutting of the conductor cable.

Conductors and cables in a wide range of sizes, shapes, and insulation can only be processed professionally and permanently with high-quality tools. Optimum leverage and ergonomics ensure that you only need to apply low manual force to generate maximum force in the cutting area.

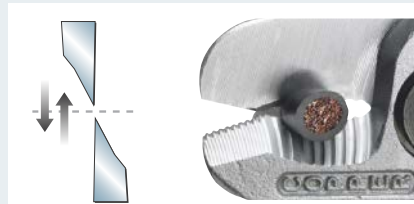
When it comes to cutting conductors and cables in the upper cross section range up to 400 mm², ratchet-driven cable cutters are the solution. Here, the finely stepped ratchet drives also keep the required manual force to a minimum.

In various versions, with direct and indirect force transmission, feature special cutting geometries which help to ensure ease of movement and can be relied upon to produce burr-free right-angle cuts. Unintentional deformation of the conductor is thereby prevented. The cutting method described above, which is also known as shear cutting, is listed under the generic term "splitting" in DIN 8588. The two

blades move toward and past one another and cut (shear) the material without burring.

Bite cutting involves two wedge-shaped blades which move toward one another to cut the material. The wedge angle set for the blades is deliberately large and therefore stable. In addition to the hardening of the entire tool, the cutting area is subsequently hardened again inductively. This makes it possible to sever even extremely hard materials such as piano wire and spring steel with a tensile strength of up to 2300 N/mm² without damaging the tool. Bite cutting is suitable only to a limited extent for cutting through cables and lines.

When used appropriately, the CUTFOX cutting tools from Phoenix Contact can be relied upon for long-term stability and permanently consistent results.



Shear cutting



Bite cutting

Stripping

Stripping is the next step in the manufacturing process for creating a cable crimp connection. In this case, a distinction is made between stripping and dismantling.

Stripping is used as a generic term as well to describe the removal of insulation on conductors up to 16 mm².

Dismantling describes the stripping process for large conductor cross sections with multi-strand or multi-layered conductors and cables.

Insulation can be removed professionally and quickly using the right stripping or dismantling tool. The length of insulation to be removed varies depending on the terminal point and connector. This is set by means of adjustable limit stops and defines consistent stripping lengths.

When the insulation is removed, ensure that the individual wires inside and the braided shield are not damaged. The remaining

and color changes in the insulation material are permitted. Further faults that need to be prevented are stipulated in DIN IEC 60352-2.

Blade geometries suitable for the application in question are used to process special insulation materials. V blades are used for both hard (e.g. Teflon/RADOX®) and soft rubber insulations (silicone). In contrast to the straight blade geometry, V blades cut the insulation all the way around, thereby reducing the tear-off force.

Phoenix Contact provides a wide range of dismantling and stripping tools for convenient, safe processing of different conductors, cables, and wire types.



Correctly stripped conductor in accordance with DIN IEC 60352-2



Crimping, pressing, crushing

Crimping describes the joining of the contact and conductor mechanically.

In addition to crimping, two further terms are used, based on standards. The type of connection plays a decisive role here. Depending on the type of contact, a distinction is made between:

- **Crimping**, for insulated cable lugs
- **Pressing**, for ferrules, non-insulated cable lugs, and similar enclosed components.

When blade connectors are being processed, for example, this is called **crushing**.

There are a number of important points to be observed to establish a reliable connection between contact and conductor:

- The conductor must be processed correctly
- The conductor and the contact must be compatible
- The conductor must be positioned correctly in the contact
- Select the correct crimping tool
- The conductor and contact are placed in the designated die nest of the pliers

Professional crimping pliers are always equipped with a releasing pressure lock. They unlock as soon as the required crimping pressure is attained. This rules out the possibility of too little pressure. This guarantees the user a constant crimping result with maximum pull-out values.

Automatic or semi-automatic crimping machines are often used when large numbers of contacts need to be processed.

The DIN EN 60352-2 and DIN EN 60999-1 standards are among the references used to subsequently assess crimping results. In addition to a variety of electrical and mechanical tests, conductor pull-out tests are the decisive criterion.

All tools in the CRIMPFOX series from Phoenix Contact are adjusted and tested according to the applicable standards. These tools ensure long-term stable, gas-tight crimping.

We recommend checking the crimp quality every 5000 cycles or once per year, using suitable, calibrated test equipment.



Cutting and universal tools

CUTFOX/UNIFOX

In the CUTFOX range, Phoenix Contact offers the perfect cable cutter for every application. You receive different versions for processing cables up to 100 mm in diameter.

The UNIFOX range covers a wide variety of tools for different applications: from universal tools, which combine several functions, and cable binder tools to cable cutters - we offer a whole host of solutions.

Convenient and easy

The tools of the CUTFOX and UNIFOX product ranges feature comfortable handling and the highest quality:

Durable, thanks to specially hardened and tempered blades

Minimum effort, thanks to optimum leverage and cutting geometry

Versatile use due to a wide range of products and multifunctionality





Force transmission

Due to the ratchet mechanism, you only need to apply very low force, even for large



One tool for two assembly steps

Cable binder tools tension and cut cable binders in a single step. If the tension force



VDE-tested safety

The comprehensive range of VDE-tested combination tools ensures all applications are

CUTFOX cutting tools

Cable cutters

Due to their special cutting geometry, the cable cutters provide optimum results. Ergonomically designed handles prevent fatigue when working.

| | | | |
|-----------------------|--|---|---|
| |  |  |  |
| Order No. | CUTFOX-ES 1212621 | CUTFOX 12 1212128 | CUTFOX 18 1212129 |
| Order (cross section) | For Kevlar fibers and braided shield 1.5 mm ² solid and 6 mm ² stranded | For stranded Al/Cu wires up to 12 mm Ø (up to 35 mm ²) | For stranded Al/Cu wires up to 18 mm Ø (up to 50 mm ²) |

These cutters meet the applicable VDE standards and are therefore safe, even if live conductors and cables are cut.




| | | | |
|-----------------------|--|--|--|
| |  |  |  |
| Order No. | CUTFOX 16 VDE 1212126 | CUTFOX 25 VDE 1212127 | CUTFOX-LB VDE 1212527 |
| Order (cross section) | For stranded Al/Cu wires up to 16 mm Ø (up to 50 mm ²) | For stranded Al/Cu wires up to 25 mm Ø (up to 70 mm ²) | For stranded Al/Cu wires up to 50 mm Ø (up to 6 mm x 16 mm x 0.8 mm) |

High-tension cable cutters

These two-hand ratchet cable cutters with ratchet mechanism for minimum effort, unlockable, for cutting copper conductors up to 100 mm in diameter (1400 mm²) without crushing.

| | | | |
|-----------------------|---|---|---|
| |  |  |  |
| Order No. | CUTFOX 45 1212132 CUTFOX 52 1212133 | CUTFOX 62 1212134 | CUTFOX 100 1212135 |
| Order (cross section) | For stranded Al/Cu wires up to 45 mm Ø (up to 300 mm ²), up to 52 mm Ø (up to 300 mm ²) | For stranded Al/Cu wires up to 62 mm Ø (up to 750 mm ²) | For stranded Al/Cu wires up to 100 mm Ø (up to 1400 mm ²) |

These cable cutters from Phoenix Contact are ideal for heavy-duty use, thanks to their sturdy design.

| | | | |
|-----------------------|---|---|--|
| |  |  |  |
| Order No. | CUTFOX 25 1212130 | CUTFOX 35 1212131 | CUTFOX 50 STEEL 1212526 |
| Order (cross section) | For stranded Al/Cu wires up to 25 mm Ø (up to 185 mm ²) | For stranded Al/Cu wires up to 35 mm Ø (up to 300 mm ²) | For stranded Al/Cu wires - 50 mm Ø (300 mm ²), stranded steel cable - 12 mm Ø |

Special cutting tools

The CUTFOX FBS cutting tool is suitable for cutting individual bars from FBS... plug-in bridges from the complete terminal block range.

These screw bridges can be cut to length with the CUTFOX FBS without crushing them.

| | | |
|--|---|---|
| |  |  |
|--|---|---|

CUTFOX cutting tools

Diagonal cutters

Diagonal cutters with inductively hardened cutting edges ensure long-term stable cutting and therefore a clean cut, for both soft and hard wire.



Order No. **CUTFOX-S VDE** 1212207
CUTFOX-S VDE M 1212830



Order No. **CUTFOX-SP VDE** 1212206



Order No. **CUTFOX-SP BOLT VDE** 1212831

SE diagonal cutters are slightly angled for convenient use. The LM version is a special tool for cutting, bending, stripping and crimping.



Order No. **CUTFOX-SE** 1212832



Order No. **CUTFOX-SE LM** 1212833

CUTFOX universal tools

Combination pliers

Combination pliers are available in a compact, angled form with spring reset, with gripping surfaces, integrated M8 - M10 ring.



Order No. **UNIFOX-C VDE** 1212202



Order No. **UNIFOX-C VDE M** 1212834



Order No. **UNIFOX-CE VDE** 1212203

Flat-nose pliers, flat-nose and round-nose pliers

Flat-nosed UNIFOX-PE VDE has an integrated locking device. The stripping edge is suitable for ferrules from 1.5 to 2.5 mm². The integrated M8 ... M10 ring key make the tool



Order No. **UNIFOX-P VDE** 1212204



Order No. **UNIFOX-PC VDE** 1212205



Order No. **UNIFOX-PE VDE** 1212529

The gripping surfaces of the flat-nosed and round-nose pliers are notched in order to grip workpieces without damaging them.



Order No. **UNIFOX-F VDE** 1212363



Order No. **UNIFOX-R VDE** 1212364



Order No. **UNIFOX SR 6** 1200137

The SR 6 pliers are designed for assembling electrical contacts.

UNIFOX universal tools

Water/water pump pliers

Textured gripping surfaces of the UNIFOX-WP ensure optimum grip.

UNIFOX-WRENCH has flat gripping surfaces to avoid slipping on the surfaces.



Order No.

UNIFOX-WP

[1212365](#)

UNIFOX-WRENCH

[1212835](#)

Blind rivet pliers

UNIFOX-RVT M blind rivet pliers

These pliers have a compact, ergonomic, and angled body. They use inserts for the following rivet diameters: 2 mm, 4 mm, and 4.8 ... 5.0 mm

UNIFOX-HP punch pliers

Steel-plated punch pliers are equipped with a round tip, 2 mm in diameter. The jaw depth is 30 mm.



Order No.

UNIFOX-RVT M

[1212476](#)

UNIFOX-HP

[1212625](#)

Diameter/length

for UW 4... terminal blocks

silver

silver

silver

silver

for UW 10/16..., RW 5... terminal blocks

silver

silver

silver

silver

silver

silver

silver

silver

silver

for UW 25, RW 8 ... terminal blocks

silver

silver

silver

silver

silver

silver

silver

nozzle, long, specially designed for rivet

[3240548](#)

UNIFOX-RVT M/BIT 2,4 L

[1212477](#)

Aluminum/steel rivets

RVT-AL/ST 2,4L/8

[3240548](#)

RVT-AL/ST 3/6

[3240504](#)

RVT-AL/ST 3/8

[3240505](#)

RVT-AL/ST 3/10

[3240506](#)

RVT-AL/ST 3/12

[3240507](#)

RVT-AL/ST 3,2/6

[3240509](#)

RVT-AL/ST 3,2/8

[3240510](#)

RVT-AL/ST 3,2/10

[3240511](#)

RVT-AL/ST 3,2/12

[3240512](#)

RVT-AL/ST 4/6

[3240513](#)

RVT-AL/ST 4/8

[3240514](#)

RVT-AL/ST 4/10

[3240515](#)

RVT-AL/ST 4/12

[3240516](#)

RVT-AL/ST 4/14

[3240517](#)

RVT-AL/ST 4,8/6

[3240518](#)

RVT-AL/ST 4,8/8

[3240519](#)

RVT-AL/ST 4,8/10

[3240520](#)

RVT-AL/ST 4,8/12

[3240521](#)

RVT-AL/ST 4,8/14

[3240522](#)

RVT-AL/ST 4,8/16

[3240522](#)

Cable binder tools

and cut cable binders in one step with the plastic cable binder tools for plastic and stainless steel binders. The continuously adjustable tension force is set by a scale in the handle area. If the tension force is reached, the remainder is automatically severed for a clean cut.



DX cutting tools

Duct cutters

Duct cutters can easily cut through ducts and cables up to 50 mm wide. The universal limit stop allows for both right-angled and bevel cuts.

The cable duct cutter cuts ducts and covers up to 50 mm wide and 2.5 mm thick without burring in.



| | | | | |
|-----------|------------------|---------|-----------------|---------|
| Order No. | CUTFOX-CD | 1212474 | PPS CD M | 1207569 |
|-----------|------------------|---------|-----------------|---------|

| | | | | |
|-----------------|------------------------|---------|----------------------|---------|
| blade | | | PPS CD BLADE | 1207572 |
| counter support | | | PPS CD M COHO | 1208995 |
| limit stop 90° | CUTFOX-CD/ES 90 | 1200289 | | |

Drilling tools

The PPS is a lightweight profile cutter. The PPS BASIC... and PPS CLASSIC... can be fitted with different bits for round and elongated holes. PPS has a quick change mechanism is the best choice when formats are changed on a frequent basis.



| | | | | | | |
|-----------|--|--|-----------------------|---------|----------------------|---------|
| Order No. | | | PPS STANDARD M | 1206175 | PPS CLASSIC M | 1206243 |
|-----------|--|--|-----------------------|---------|----------------------|---------|

| | | | | | | |
|-----------|--------------------------------------|---------|----------------------------------|---------|----------------------------------|---------|
| Order No. | PPS BASIC I/M | 1207585 | PPS STANDARD I/M | 1206230 | PPS CLASSIC I/M | 1206256 |
| | With inch/metric measuring rail | | With inch/metric measuring rail | | With metric measuring rail | |
| | For standard DIN rails | | Each for standard DIN rails | | Each for standard DIN rails | |
| | NS 15/NS 35/7,5/NS 35/15/NLS-CU 3/10 | | NS 15/NS 32/NS 35/7,5/NS 35/15 | | NS 15/NS 32/NS 35/7,5/NS 35/15 | |
| | | | NLS-CU 3/10 and two hole punches | | NLS-CU 3/10 and two hole punches | |

| | | | | |
|----------------------------------|--|--|----------------------------|---------|
| for elongated holes (lengthways) | | | PPS-ST (3,5 x 12) L | 1203563 |
| | | | PPS-ST (4,5 x 12) L | 1203534 |
| | | | PPS-ST (5,5 x 12) L | 1202603 |
| | | | PPS-ST (6,5 x 15) L | 1202593 |

| | | | | |
|--------------------------------|--|--|----------------------------|---------|
| for elongated holes (vertical) | | | PPS-ST (3,5 x 12) Q | 1203550 |
| | | | PPS-ST (4,5 x 12) Q | 1203547 |
| | | | PPS-ST (5,5 x 12) Q | 1203411 |
| | | | PPS-ST (6,5 x 15) Q | 1203408 |

| | | | | |
|-----------------|--|--|---------------------|---------|
| for round holes | | | PPS-ST (3,8) | 1204892 |
| | | | PPS-ST (4,3) | 1202616 |
| | | | PPS-ST (5,3) | 1202629 |
| | | | PPS-ST (6,4) | 1202632 |
| | | | PPS-ST (7,0) | 1204889 |
| | | | PPS-ST (8,4) | 1202726 |

| | | | | |
|------------------------------------|--|--|--------------------------|---------|
| under an existing hydraulic system | | | PPS HYDRAULIC CYL | 1208924 |
|------------------------------------|--|--|--------------------------|---------|

Stripping tools WIREFOX

WIREFOX product range provides the perfect tool for every form of stripping. WIREFOX precision tools impress with ergonomic design and specially shaped blades with special geometries.

Efficient, fast, and clean stripping

Strip all types of conductor with standard or special insulation quickly and cleanly.

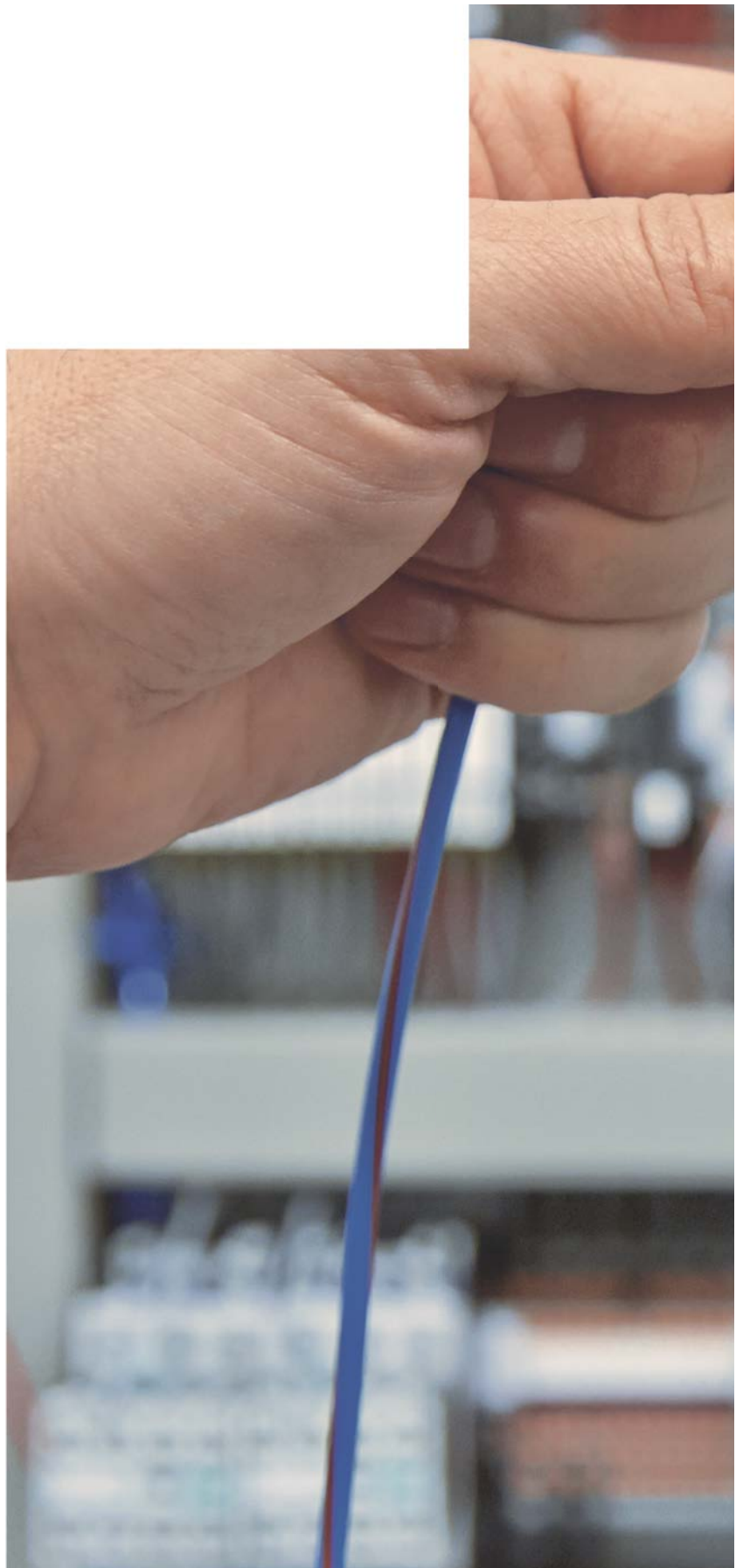
Broad field of application, thanks to multifunctional design

Fatigue-free and non-slip handling,

thanks to the ergonomic handle design

Durable, thanks to high-quality

components and materials





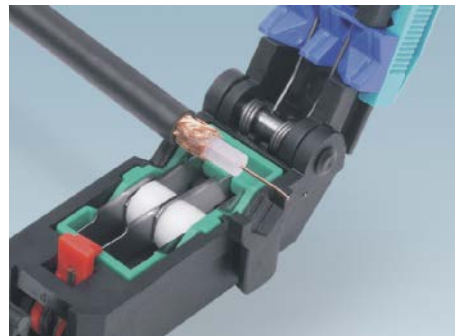
Safe stripping

CUTFOX stripping tools can strip cables with standard or



Easy blade replacement

The construction of the pliers allows the blade cassettes to be replaced with ease.



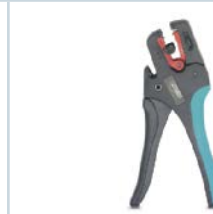
Multi-stage stripping

The CUTFOX-D CX stripping tools enable multi-stage stripping of coaxial cables in a

WIREFOX stripping tools

Stripping pliers for conductors and cables

WIREFOX stripping pliers feature an automatic adjustment system for a wide range of different types of insulation and conductor diameters. Particularly useful are the standard wire cutter and the flexibly adjustable limit stop for stripping length.



| | | | | | | |
|--|-----------------------|---------|----------------------|---------|-----------------------|---------|
| Order No. | WIREFOX 10 | 1212150 | WIREFOX-E 10 | 1212706 | WIREFOX 16 | 1212155 |
| User engraving upon customer request | WIREFOX 10 CUS | 1212760 | | | WIREFOX 16 CUS | 1212761 |
| Conductor [mm ²]/AWG | 0.02 ... 10/34 ... 8 | | 0.02 ... 10/34 ... 8 | | 4 ... 16/12 ... 5 | |
| Stripping length up to ... [mm] | 18 | | 18 | | 18 | |
| Insulation type | Default | | Default | | Default | |
| Cutter solid/stranded [mm ²]/AWG | 1.5/16/10/8 | | 1.5/16/10/8 | | 1.5/16/12/8 | |
| Accessories | | | | | | |
| Replacement blade | WIREFOX 10/SB | 1212152 | WIREFOX 10/SB | 1212152 | WIREFOX 16/SB | 1212153 |
| Replacement limit stop | WIREFOX 10/WS | 1200285 | WIREFOX 10/WS | 1200285 | WIREFOX 10/WS | 1200285 |
| Replacement clamping jaws | WIREFOX 10/CJ | 1200286 | WIREFOX 10/CJ | 1200286 | WIREFOX 16/CJ | 1200287 |

The dies are compatible with all types of pliers and can be replaced in just a few steps. Basic pliers therefore have a wide range of applications.



| | | | | | | |
|--|----------------------|---------|-------------------------------|---------|-------------------------------|---------|
| Order No. | WIREFOX-E 16 | 1212707 | WIREFOX 4 | 1212156 | WIREFOX-E 4 | 1212704 |
| User engraving upon customer request | | | WIREFOX 4 CUS | 1212762 | | |
| Conductor [mm ²]/AWG | 4 ... 16/12 ... 5 | | 0.1 ... 4/28 ... 12 | | 0.1 ... 4/28 ... 12 | |
| Stripping length up to ... [mm] | 18 | | 18 | | 18 | |
| Insulation type | Default | | Special insulation, e.g. PTFE | | Special insulation, e.g. PTFE | |
| Cutter solid/stranded [mm ²]/AWG | 1.5/16/10/8 | | 1.5/16/10/8 | | 1.5/16/10/8 | |
| Accessories | | | | | | |
| Replacement blade | WIREFOX 16/SB | 1212153 | WIREFOX 4/SB | 1212151 | WIREFOX 4/SB | 1212151 |
| Replacement limit stop | WIREFOX 10/WS | 1200285 | WIREFOX 10/WS | 1200285 | WIREFOX 10/WS | 1200285 |
| Replacement clamping jaws | WIREFOX 16/CJ | 1200287 | WIREFOX 10/CJ | 1200286 | WIREFOX 10/CJ | 1200286 |

WIREFOX pliers allow for a fatigue-free and non-slip grip thanks to the ergonomic handle design. The new WIREFOX-E versions offer an ergonomic design for use at the workbench.



| | | | | | | |
|--|--|---------|--|---------|--|--|
| Order No. | WIREFOX 6SC | 1212158 | WIREFOX-E 6SC | 1212705 | | |
| User engraving upon customer request | WIREFOX 6SC CUS | 1212763 | | | | |
| Conductor [mm ²]/AWG | 1.5 ... 6/16 ... 10 | | 1.5 ... 6/16 ... 10 | | | |
| Stripping length up to ... [mm] | 18 | | 18 | | | |
| Insulation type | Short-circuit-proof cond., rubber insulation | | Short-circuit-proof cond., rubber insulation | | | |
| Cutter solid/stranded [mm ²]/AWG | 1.5/16/10/8 | | 1.5/16/10/8 | | | |
| Accessories | | | | | | |
| Replacement blade | WIREFOX 6SC/SB | 1212314 | WIREFOX 6SC/SB | 1212314 | | |
| Replacement limit stop | WIREFOX 10/WS | 1200285 | WIREFOX 10/WS | 1200285 | | |
| Replacement clamping jaws | WIREFOX 10/CJ | 1200286 | WIREFOX 10/CJ | 1200286 | | |

WIREFOX stripping tools

Stripping pliers for sensor/actuator cables

Sensor/actuator (SAC) cables can be stripped conveniently and easily with the WIREFOX tools. The specially shaped blade prevents damage to the conductors inside.



| | | | | | | |
|----------------------------|------------------------|--|-----------------------|-------------------------|-------------------------|-------------------------|
| Order No. | WIREFOX 16-1 | 1212157 | WIREFOX SAC | 1212623 | WIREFOX SAC-1 | 1212757 |
| Cable diameter | [mm] | 6 ... 16 mm ² /23 AWG; 10 ... 5 | 4.4 ... 7 | 3.2 ... 4.4 | | |
| Stripping length up to ... | [mm] | Any | Any | Any | | |
| Use | | Default | SAC cables | SAC cables | | |
| Blade | WIREFOX 16-1/SB | 1204944 | WIREFOX SAC/SB | 1200282 | WIREFOX SAC-1/SB | 1200283 |

Stripping pliers for AS-Interface flat-ribbon conductors

WIREFOX ASI and WIREFOX FC are ideal for fast stripping of flat-ribbon conductors. The WIREFOX ASI is specially geared towards the AS-Interface cutouts, cable tap-offs, and shield connections. It can be implemented easily and quickly with the WIREFOX D SHIELD.



| | | | | | | |
|----------------------|-----------------------|------------------------------------|----------------------------------|-------------------------|-------------------------|-------------------------|
| Order No. | WIREFOX ASI | 1212154 | WIREFOX FC | 1212619 | WIREFOX-D SHIELD | 1212172 |
| Use | | AS-Interface flat-ribbon conductor | Flat-ribbon conductors | | | |
| Stripping length | [mm] | Any | Any, stripping width up to 12 mm | | | |
| Stripping length | [mm] | | | 8 ... 9 | | |
| Insulation thickness | [mm] | | | 1.2 | | |
| Blade | WIREFOX ASI/SB | 1208076 | WIREFOX FC/SB | 1200284 | | |

Stripping pliers for cable cutouts and shield connections

Ergonomically shaped WIREFOX 2,5 ensures perfect results, thanks to the special lamellar blades. It is equipped with a cutter and length stop.



| | | | | |
|----------------------------|------------------------|-------------------------|--|--|
| Order No. | WIREFOX 2,5 | 1212368 | | |
| Cable diameter | [mm ²]/AWG | 0.08 ... 2.5/28 ... 14 | | |
| Stripping length up to ... | [mm] | 15 | | |
| Use | | Default | | |
| Cable diameter | [mm ²]/AWG | 2.5/14/6/10 | | |
| Blade | WIREFOX 2,5/SB | 1212369 | | |
| Limit stop | WIREFOX 2,5/WS | 1212370 | | |

WIREFOX stripping tools

Stripping pliers

WIREFOX-MP VDE is a multifunctional tool which is suitable for both the stripping and dismantling of installation cables, e.g. NYM. The VDE-insulated stripping pliers allow the user to process the conductor and cable quickly and easily.



| | | | | |
|----------------------------------|-----------------------|---------|-----------------------|---------|
| Order No. | WIREFOX-MP VDE | 1212528 | WIREFOX 10 VDE | 1212366 |
| Conductor [mm ²]/AWG | 0.2 ... 10/24 ... 8 | | 0.2 ... 10/24 ... 8 | |
| Stripping length up to ... [mm] | 20 | | 20 | |
| Insulation type | Default | | Default | |

WIREFOX stripping tools

Stripping tools for dismantling

WIREFOX-D 11 stripping tool strips single and multi-core signal, control, and fiberglass cables up to 11 mm diameter and 1 mm thick precisely and repeatedly. The tools are made quickly and with high precision.



| | | | | |
|-------------------------------|------------------------|---------|--|--|
| Order No. | WIREFOX-D 11 | 1212160 | | |
| Conductor/cable diameter [mm] | 2.5 ... 11 | | | |
| Insulation thickness [mm] | 1.0 | | | |
| Stripping length [mm] | Any | | | |
| Insulation type | WIREFOX-D 11/SB | 1212312 | | |

WIREFOX-D SR 6 is ideal for use with MC 3,4 and MC 4 contacts, while the WIREFOX-D SR 6-1 is suitable for CLIX field plugs. The WIREFOX-CX 6,35 is a compact tool for CATV type F. The compact tools are easy and easy to use. The WIREFOX-D SR... are suitable for processing short-circuit-proof conductors.



| | | | | | | |
|------------------------------|-----------------------|---------|-------------------------|---------|------------------------|---------|
| Order No. | WIREFOX-D SR 6 | 1212507 | WIREFOX-D SR 6-1 | 1212511 | WIREFOX-CX 6,35 | 1212733 |
| Conductor [mm ²] | 2.5 ... 6 | | 2.5 ... 6 | | RG 59 and RG 6 | |
| Stripping length [mm] | 8.5 | | 15 | | 6.35 | |
| Insulation type | Solar/rubber | | Solar/rubber | | Coaxial | |

WIREFOX stripping tools

Stripping tools for dismantling

WIREFOX-D 13 stripping tool, round cables of 3 x 1.5 mm² up to 5 x 2.5 mm² can be stripped quickly and easily. The shape of the tool is ideal for application directly in the distribution and is equipped with a longitudinal and round blade as well as with a stripping range for round cables from 0.2 to 4 mm². It also has a sliding knife.



| | | | |
|-----------------------------------|---------------------|-------------------------|--|
| Order No. | WIREFOX-D 13 | 1212162 | |
| Cable diameter [mm] | 8 ... 13 | | |
| Cable diameter [mm ²] | 0.2 ... 4 | | |

WIREFOX-D 16 and WIREFOX-D 28 strip cables with standard and special diameters in a diameter range from 4 to 16 or 8 to 28 mm. They can be stripped precisely with these tools. The WIREFOX-D 28 is mainly used for processing FO cables.



| | | | | |
|---------------------|---------------------|-------------------------|---------------------|-------------------------|
| Order No. | WIREFOX-D 16 | 1212173 | WIREFOX-D 28 | 1212174 |
| Cable diameter [mm] | 4 ... 16 | | 8 ... 28 | |

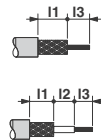
WIREFOX-D 40 strips conductors and cables with diameters of up to 40 mm. The swivel blade can make round, longitudinal, and spiral cuts. The special geometry and the special operating principle allow for long-term use and make the tool a problem solver for all insulations.



| | | | |
|----------------------|------------------------|-------------------------|--|
| Order No. | WIREFOX-D 40 | 1212161 | |
| Cable diameter [mm] | 4.5 ... 40 | | |
| Blade thickness [mm] | 4.5 | | |
| Blade | WIREFOX-D 40/SB | 1212313 | |

Stripping tools for multi-stage dismantling of coaxial cables

WIREFOX-D CX ... stripping tools allow you to perform multi-stage stripping of coaxial cables with diameters of 5 to 7.5 mm in a single step. The cable is precisely stripped, thanks to the central fine adjustment of the blade. The blade cassettes are compatible with the WIREFOX-D CX ... tool and are therefore interchangeable.



| | | | | |
|--|-----------------------|-------------------------|--|-------------------------|
| Order No. | | | Accessories - replacement blade | |
| Cable diameter l1 = 6.0 mm | WIREFOX-D CX-1 | 1212163 | WIREFOX-D CX-1/SB | 1212303 |
| Cable diameter l1 = 9.2 mm | WIREFOX-D CX-2 | 1212164 | WIREFOX-D CX-2/SB | 1212304 |
| Cable diameter l1 = 12 mm | WIREFOX-D CX-3 | 1212165 | WIREFOX-D CX-3/SB | 1212305 |
| Cable diameter l1 = 6.8 mm | WIREFOX-D CX-4 | 1212166 | WIREFOX-D CX-4/SB | 1212306 |
| Cable diameter l1 = 5.5 mm and l2 = 5.5 mm | WIREFOX-D CX-5 | 1212167 | WIREFOX-D CX-5/SB | 1212307 |

Portable crimping device CRIMPHANDY

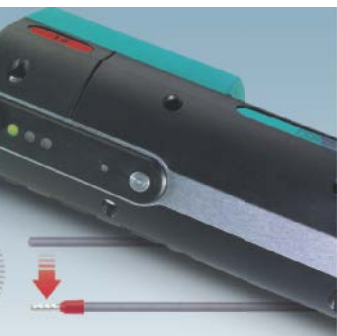
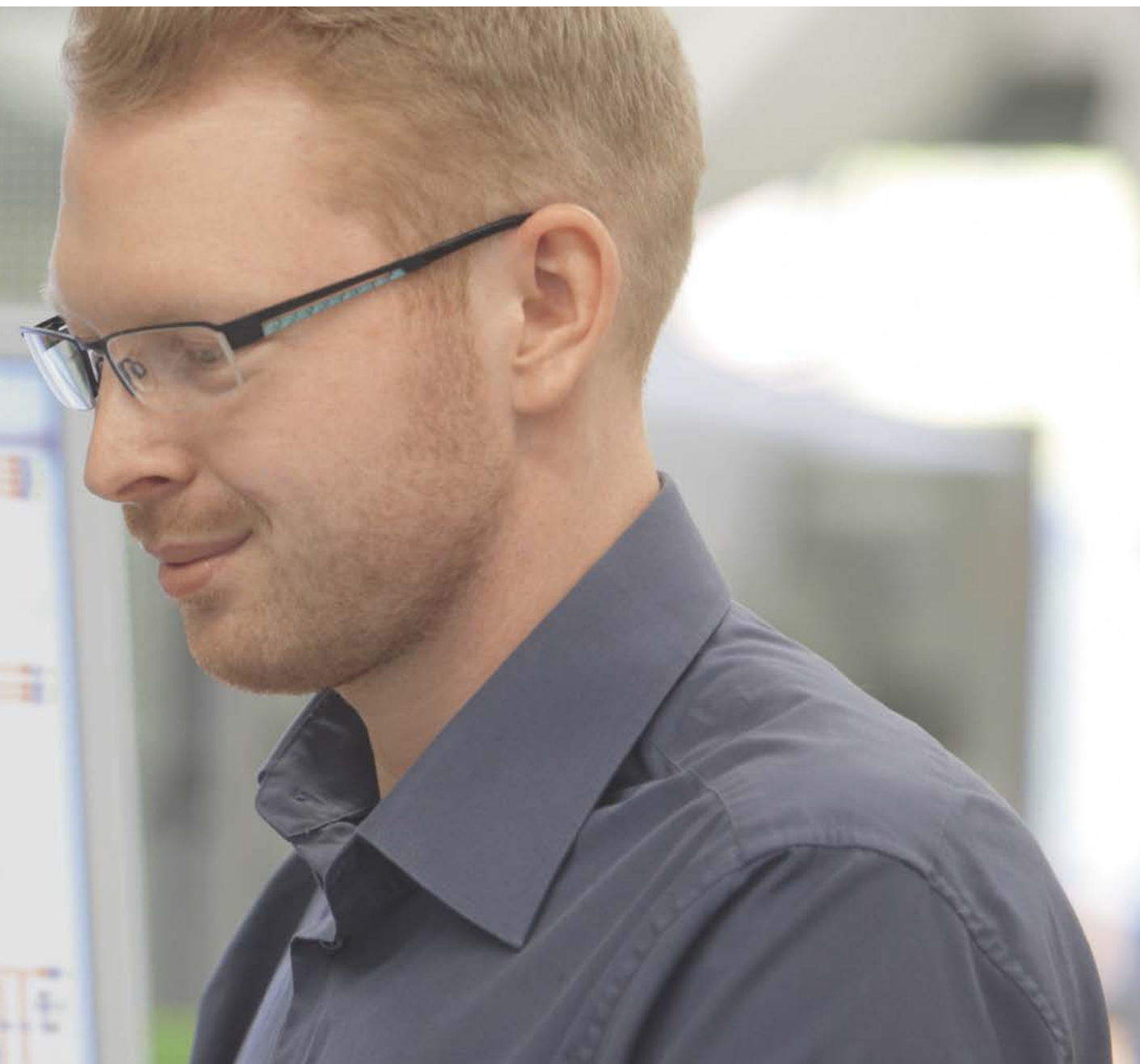
Additional conductor preparation involves multiple work steps, two tools and a lot of effort. The CRIMPHANDY from Phoenix Contact revolutionizes this process: Only one tool, one work step and time savings of around 75%.

CRIMPHANDY is a portable hand-held device for stripping conductors and crimping ferrules in one step, which takes less than two seconds. Automatic monitoring functions ensure optimum, consistent quality crimping every time.

UL-certified

Phoenix Contact was one of the first tool manufacturers to have ferrules in combination with crimping tools and crimping devices, such as the CRIMPHANDY, certified in accordance with the UL 486F standard. Together with conformity with DIN 46228 (1-4), this allows us to fulfill global market requirements in the areas of quality, safety and compatibility.





Stripping

Operation is nearly impossible, the automatic stripping and crimping



Uninterrupted work

An integrated magazine contains ferrules in strip form. Its automatic feed enables



Cutting



The CRIMPHANDY CUTTER lets you cut conductors to the right length correctly and

CRIMPHANDY portable crimping device

CRIMPHANDY

CRIMPHANDY represents innovation for switchgear crimping. You can strip and crimp your conductors in two seconds using this portable hand-held device. It saves up to 50% less time than before. The CRIMPHANDY device offers you with its easy, effortless handling, which helps reduce strain on your joints, muscles and tendons. Its compact lightweight design is ideal for mobile use in the field. Up to 2000 crimping operations can be performed, thanks to the high-performance lithium-ion polymer battery. The automatic cross section monitoring prevents faulty crimping as a result of incorrect conductor sizes. The detachable waste receptacle catches the discarded conductor. It thereby helps to ensure a clean working environment.



| | Order No. | CF CRIMPHANDY 0,5 | 1212463 | CF CRIMPHANDY 0,75 | 1212464 | CF CRIMPHANDY CUTTER | 1212520 |
|--|--------------------|--|----------------|---|----------------|---|---------|
| Weight | [kg] | 0.43 | | 0.43 | | | |
| Conductor cross section | [mm ²] | 0.5 | | 0.75 | | 0.5 - 1.5 | |
| Crimping cycle | [s] | < 2 | | < 2 | | | |
| Crimping type | | Square crimp | | Square crimp | | | |
| Dimensions W x H x L | [mm] | 43 x 70 x 205 | | 43 x 70 x 205 | | | |
| Description | | Portable hand-held device , battery-powered, for processing taped ferrules with function end, suitable for PVC insulated conductors (H05V-K), incl. battery, charger, CUTFOX 12 cable cutter, service tool for troubleshooting, and one strip of ferrules, packed in a robust case. | | | | Cutting unit, for CF CRIMPHANDY..., for stranded copper wires from 0.5 ... 1.5 mm ² , incl. receptacle tray. | |
| Ferrules, with function end, 8 mm, with plastic sleeve in accordance with DIN 46228-4: 1990-09 and UL 486F, UL-certified, white, 50 pieces per strip, 20 per pcs./pkt. | |  | |  | | | |
| Conformance with DIN 46228-4 and UL 486F | | | | AI 0,75-8 GY-S | 1212522 | | |
| Conformance with NF C63-023 | | | | AI 0,75-8 BU-S | 1212785 | | |
| Special color | | | | AI 0,75-8 WH-S | 1212783 | | |
| Conform. with DIN 46228-4, UL 486F, NF C 63-023 | | AI 0,5-8 WH-S | 1212521 | | | | |
| Special color | | AI 0,5-8 OG-S | 1212784 | | | | |
| Accessories | | | | | | | |
| Replacement charger for CF CRIMPHANDY..., 240 V | | CF CRIMPHANDY/CHARGER | 1212519 | CF CRIMPHANDY/CHARGER | 1212519 | | |
| Service tool, for CF CRIMPHANDY..., to rectify | | CF CRIMPHANDY 0,5/SERVICE-TOOL | 1212787 | CF CRIMPHANDY 0,75/SERVICE-TOOL | 1212786 | | |

CRIMPHANDY portable crimping device

CRIMPHANDY



Available cutting unit provides a function of cutting the conductors to length with the device.

Automatically fed in, enabling multiple crimps to be crimped one after another without the need for a separate crimping tool. The sleeves in strip form are inserted via a magazine.

The device can be reloaded within a matter of seconds. The sleeves with function end prevent incorrect crimping.

The crimp mold is particularly suited to the crimping of terminal blocks from the CLIPLINE complete system: connection terminal blocks, ST spring-cage terminal blocks, PT Push-in connection terminal blocks and COMBI pluggable connection terminal blocks.



| Order No. | CF CRIMPHANDY 1,0 | 1212465 | CF CRIMPHANDY 1,5 | 1212466 | CF CRIMPHANDY/ACCU | 1212518 |
|--------------------|---|---------|---|---------|--|---------|
| [kg] | 0.43 | | 0.43 | | | |
| [mm ²] | 1.0 | | 1.5 | | | |
| [s] | < 2 | | < 2 | | | |
| | Square crimp | | Square crimp | | | |
| W x H x L | [mm] 43 x 70 x 205 | | 43 x 70 x 205 | | | |
| | Portable hand-held device , battery-powered, for processing taped ferrules with function end, suitable for PVC insulated conductors (H05V-K/H07V-K), incl. battery, charger, CUTFOX 12 cable cutter, service tool for troubleshooting, and one strip of ferrules, packed in a robust case. | | | | Replacement battery , for CF CRIMPHANDY..., Li-ion 7.4 V, 0.68 Ah | |
| |  | |  | | | |
| | | | AI 1,5-8 BK-S | | 1212524 | |
| | | | AI 1,5-8 RD-S | | 1212781 | |
| | AI 1,0-8 RD-S | | | | 1212523 | |
| | AI 1,0-8 YE-S | | | | 1212782 | |
| | CF CRIMPHANDY/CHARGER | | CF CRIMPHANDY/CHARGER | | 1212519 | |
| | CF CRIMPHANDY 1,0/SERVICE-TOOL | | CF CRIMPHANDY 1,5/SERVICE-TOOL | | 1212759 | |
| | | | | | 1212708 | |

Crimping tools

CRIMPFOX

extensive CRIMPFOX product range
s the professional user a new
ation of crimping pliers. A special
r transmission principle reduces the
nt of force required by up to 30%.
optimum handle geometry also makes
ght and comfortable working. The
rated pressure lock ensures long-term
e, high-quality, gas-tight crimping.

Professional crimping

mechanical crimping pliers can be used to crimp all
s of contact safely and effortlessly.

easy and convenient handling, thanks to the
ergonomic handle design

durable, thanks to high-quality components and
premium materials

process-reliable, thanks to the integrated pressure
lock

the optimum leverage allows for an effortless
application





pliers for every application
on the area of application, you
between tools with lateral or



High-quality crimping
Precise dies and an integrated pressure lock
ensure long-term stable, gas-tight crimping.



One for all
With their easily interchangeable dies, the
CRIMPEOX series of universal crimping


Overview of crimping tools for ferrules, connectors, and more

Tools for insulated and non-insulated contacts




| Crimping tool designation | Order No. | Conductor cross section [mm ²] | Conductor cross section [AWG] | Page |
|---------------------------|-----------|--|-------------------------------|------|
| CRIMPFOX 2,5-M | 1212719 | 0.25 ... 2.5 | 24 ... 14 | 34 |
| CRIMPFOX 6 | 1212034 | 0.25 ... 6 | 24 ... 10 | 34 |
| CRIMPFOX 6-M | 1212720 | 0.25 ... 6 | 24 ... 10 | 34 |
| CRIMPFOX 6S-F | 1212043 | 0.5 ... 6 | 20 ... 10 | 34 |
| CRIMPFOX 6T | 1212037 | 0.25 ... 6 | 24 ... 10 | 34 |
| CRIMPFOX 6T-F | 1212038 | 0.25 ... 6 | 24 ... 10 | 34 |
| CRIMPFOX 10 | 1212721 | 4 ... 10 | 12 ... 8 | 34 |
| CRIMPFOX 25R | 1212039 | 10 ... 25 | 8 ... 4 | 34 |
| CRIMPFOX 50R | 1212041 | 35 ... 50 | 2 ... 1 | 34 |
| CRIMPFOX CENTRUS 6S | 1213144 | 0.14 ... 6 | 26 ... 10 | 34 |
| CRIMPFOX CENTRUS 10S | 1213154 | 0.14 ... 10 | 26 ... 8 | 34 |
| CRIMPFOX CENTRUS 6H | 1213146 | 0.14 ... 6 | 26 ... 10 | 34 |
| CRIMPFOX CENTRUS 10H | 1213156 | 0.14 ... 10 | 26 ... 8 | 34 |
| CRIMPFOX 16R TWIN | 1212845 | 2 x 6, 10, 16 | 2 x 10, 8, 4 | 34 |

Tools for cable lugs and connectors




| Crimping tool designation | Order No. | Conductor cross section [mm ²] | Conductor cross section [AWG] | Page |
|----------------------------------|-----------|--|-------------------------------|------|
| CRIMPFOX-RCI 1 | 1212055 | 0.14 ... 1 | 26 ... 18 | 35 |
| CRIMPFOX-RCI 1-M | 1212727 | 0.14 ... 1 | 26 ... 18 | 35 |
| CRIMPFOX-RCI 2,5 | 1212053 | 0.5 ... 2.5 | 20 ... 14 | 35 |
| CRIMPFOX-RCI 2,5-M | 1212728 | 0.5 ... 2.5 | 20 ... 14 | 35 |
| CRIMPFOX-RCI 6 | 1212057 | 0.5 ... 6 | 20 ... 10 | 35 |
| CRIMPFOX-RCI 6-M | 1212730 | 0.5 ... 6 | 20 ... 10 | 35 |
| CRIMPFOX-RCI DIN 6 | 1212729 | 0.5 ... 6 | 20 ... 10 | 35 |
| CRIMPFOX-RCI 6-1 | 1212059 | 0.5 ... 6 | 20 ... 10 | 35 |
| CRIMPFOX-HS 6 (shrink connector) | 1212722 | 0.5 ... 6 | 20 ... 10 | 35 |

Tools for non-insulated cable lugs




| Crimping tool designation | Order No. | Conductor cross section [mm ²] | Conductor cross section [AWG] | Page |
|--|-----------|--|-------------------------------|------|
| CRIMPFOX RC 2,5 | 1212063 | 0.75 ... 2.5 | 22 ... 14 | 36 |
| CRIMPFOX-RC 2,5-M | 1212723 | 0.75 ... 2.5 | 22 ... 14 | 36 |
| CRIMPFOX-RC 6 | 1212710 | 0.5 ... 6 | 20 ... 10 | 36 |
| CRIMPFOX-RC 6-M | 1212724 | 0.5 ... 6 | 20 ... 10 | 36 |
| CRIMPFOX RC 10 | 1212061 | 4 ... 10 | 12 ... 8 | 36 |
| CRIMPFOX RC 25 | 1212065 | 10 ... 25 | 8 ... 4 | 36 |
| CRIMPFOX-RCT 16 (tubular cable lugs) | 1212731 | 4 ... 16 | 12 ... 4 | 36 |
| CRIMPFOX RCT 25-1 (tubular cable lugs) | 1212066 | 10 ... 25 | 8 ... 4 | 36 |
| CRIMPFOX-RCT 70 (tubular cable lugs) | 1212732 | 10 ... 70 | 8 ... 00 | 37 |

Tools for non-insulated slip-on sleeves



| Crimping tool designation | Order No. | Conductor cross section [mm ²] | Conductor cross section [AWG] | Page |
|---------------------------|-----------|--|-------------------------------|------|
| CRIMPFOX-SC 1,5 | 1212048 | 0.1 ... 1.5 | 26 ... 16 | 37 |
| CRIMPFOX-SC 1,5-M | 1212725 | 0.1 ... 1.5 | 26 ... 16 | 37 |
| CRIMPFOX-SC 6L | 1212052 | 0.5 ... 6 | 22 ... 10 | 37 |
| CRIMPFOX-SC 6 | 1212050 | 0.5 ... 6 | 22 ... 10 | 37 |
| CRIMPFOX-SCA 2,5-M | 1212726 | 1 ... 2.5 | 18 ... 14 | 37 |

Tools for insulated contacts



| Crimping tool designation | Order No. | Conductor cross section [mm ²] | Conductor cross section [AWG] | Page |
|---------------------------|-----------|--|-------------------------------|------|
| CRIMPFOX-TC 4 | 1212113 | 0.14 ... 4 | 26 ... 12 | 38 |
| CRIMPFOX-TC 10 | 1212114 | 4 ... 10 | 12 ... 8 | 38 |
| CRIMPFOX-TC MP | 1212510 | 0.08 ... 2.5 | 28 ... 14 | 38 |

ew of crimping tools for ferrules, connectors, and more

rules

| Crimping tool designation | Order No. | Conductor cross section [mm ²] | Conductor cross section [AWG] | Page |
|---------------------------|-------------------------|--|-------------------------------|-----------|
| CRIMPFOX 4 IN 1 | 1200101 | 0.5 ... 2.5 | 20 ... 14 | 36 |

connectors/fiber optic connectors

| Crimping tool designation | Order No. | Hex wrench width across flats [mm] | Page |
|------------------------------|-------------------------|------------------------------------|-----------|
| CRIMPFOX-FO 5,41 | 1212099 | 3.25/3.84/4.52/5.0/5.41 | 38 |
| CRIMPFOX-CX 4,52 | 1212094 | 1.69/3.25/4.52 | 38 |
| CRIMPFOX-CX 6,48 | 1212095 | 1.69/5.41/6.48 | 38 |
| CRIMPFOX-CX 9,14 | 1212096 | 1.73/8.23/9.14 | 39 |
| CRIMPFOX-CX 10,54 | 1212097 | 2.54/10.54 | 39 |
| CRIMPFOX-CX 10,90 | 1212098 | 2.54/10.90 | 39 |
| CRIMPFOX-CX 4,52-M | 1212713 | 1.69/3.25/4.52 | 38 |
| CRIMPFOX-CX 5,41-M | 1212712 | 0.7/1.07/1.69/3.25/4.52/5.41 | 38 |
| CRIMPFOX-CX 6,48-M | 1212714 | 1.69/5.41/6.48 | 38 |
| CRIMPFOX-CX 7,06 HD-M | 1212718 | 1.04/4.52/6.48/7.06 | 38 |
| CRIMPFOX-CX 10,90-1 | 1212715 | 1.69/2.54/5.41/10.90 | 39 |

contacts

| Crimping tool designation | Order No. | Conductor cross section [mm ²] | Conductor cross section [AWG] | Page |
|---------------------------|-------------------------|--|-------------------------------|-----------|
| CRIMPFOX-DSUB 5 | 1212111 | 0.08 ... 0.5 | 28 ... 22 | 39 |
| CRIMPFOX-DSUB 5-1 | 1212711 | 0.05 ... 0.5 | 30 ... 22 | 39 |
| CRIMPFOX-TC MP | 1212510 | 0.08 ... 1.0 | 28 ... 18 | 38 |

connectors

| Crimping tool designation | Order No. | Conductor cross section [mm ²] | Conductor cross section [AWG] | Page |
|---------------------------|-------------------------|--|-------------------------------|-----------|
| CRIMPFOX-SR 6-1 | 1212467 | 2.5 ... 6 | 14 ... 10 | 40 |
| CRIMPFOX-SR 6-2 | 1212468 | 2.5 ... 6 | 14 ... 10 | 40 |
| CRIMPFOX-SR 6-3 | 1212469 | 2.5 ... 6 | 14 ... 10 | 40 |
| CRIMPFOX-P SR 6 | 1212755 | 2.5 ... 6 | 14 ... 10 | 39 |

CATV connectors

| Crimping tool designation | Order No. | Conductor | Page |
|-----------------------------|-------------------------|----------------|-----------|
| CRIMPFOX-CATV 8,23 | 1212716 | 1.69/8.23 | 40 |
| CRIMPFOX-CATV 8,23-1 | 1212717 | 6.65/8.23/9.70 | 40 |

connectors

| Crimping tool designation | Order No. | Data connector types | Page |
|---------------------------|-------------------------|----------------------------|-----------|
| CRIMPFOX-C D | 1212734 | RJ 11, 22, 45, 45U/10P/MMJ | 40 |

CRIMPFOX crimping tools

Crimping pliers for ferrules

CRIMPFOX CENTRUS automatically adjusts to the ferrule cross section and offers a reliable application in every case. The minimal gripping distance and the ergonomic shape enable comfortable use, with up to 30% less force. Also ideally suited for TWIN sleeves.



| | | |
|--------------------------------------|---|---|
| Order No. | CRIMPFOX CENTRUS 6S 1213144 | CRIMPFOX CENTRUS 6H 1213146 |
| User engraving upon customer request | CRIMPFOX CENTRUS 6S CUS 1213164 | CRIMPFOX CENTRUS 6H CUS 1213166 |
| Grip diameter [mm²]/AWG | 0.14 ... 6/26 ... 10 | 0.14 ... 6/26 ... 10 |
| Order No. | CRIMPFOX CENTRUS 10S 1213154 | CRIMPFOX CENTRUS 10H 1213156 |
| User engraving upon customer request | CRIMPFOX CENTRUS 10S CUS 1213174 | CRIMPFOX CENTRUS 10H CUS 1213176 |
| Grip diameter [mm²]/AWG | 0.14 ... 10/26 ... 8 | 0.14 ... 10/26 ... 8 |

| | | |
|-----------|-------------------------------|-------------------------------|
| Order No. | CRIMPFOX/SPR-4 1200288 | CRIMPFOX/SPR-4 1200288 |
|-----------|-------------------------------|-------------------------------|

CRIMPFOX 6S-F crimping pliers with an automatically adjusting die of the crimping pliers automatically adjusts to the size of the connector and impresses with its reliable contact processing method.



| | | | |
|--------------------------------------|-----------------------------------|--------------------------------|----------------------------------|
| Order No. | CRIMPFOX 6S-F 1212043 | CRIMPFOX 6T 1212037 | CRIMPFOX 6T-F 1212038 |
| User engraving upon customer request | CRIMPFOX 6 S-F CUS 1212769 | CRIMPFOX 6T CUS 1212770 | CRIMPFOX 6T-F CUS 1212771 |
| Grip diameter [mm²]/AWG | 0.5 ... 6/20 ... 10 | 0.25 ... 6/24 ... 10 | 0.25 ... 6/24 ... 10 |

| | | | |
|-----------|-------------------------------|-------------------------------|-------------------------------|
| Order No. | CRIMPFOX/SPR-3 1212036 | CRIMPFOX/SPR-1 1212069 | CRIMPFOX/SPR-1 1212069 |
|-----------|-------------------------------|-------------------------------|-------------------------------|

CRIMPFOX 6 crimping pliers are equipped with a pressure lock (adjustable without tools). The innovative design and ergonomically shaped handles reduce the amount of force required for crimping.



| | | | |
|--------------------------------------|-------------------------------|-----------------------------|----------------------------|
| Order No. | CRIMPFOX 6 1212034 | CRIMPFOX 6-M 1212720 | CRIMPFOX 10 1212721 |
| User engraving upon customer request | CRIMPFOX 6 CUS 1212767 | | |
| Grip diameter [mm²]/AWG | 0.25 ... 6/24 ... 10 | 0.25 ... 6/24 ... 10 | 4 ... 10/12 ... 8 |

| | | | |
|-----------|-------------------------------|-------------------------------|-------------------------------|
| Order No. | CRIMPFOX 6/DIE 1212035 | | |
| Order No. | CRIMPFOX/SPR-3 1212036 | CRIMPFOX/SPR-1 1212069 | CRIMPFOX/SPR-1 1212069 |

CRIMPFOX 25R, 50R, and 16R TWIN crimping pliers can process large cross sections easily and with less force using this series of pliers. The integrated pressure lock ensures consistent high-quality results every time.



| | | | |
|-----------|-----------------------------|-----------------------------|----------------------------------|
| Order No. | CRIMPFOX 25R 1212039 | CRIMPFOX 50R 1212041 | CRIMPFOX 16R TWIN 1212845 |
|-----------|-----------------------------|-----------------------------|----------------------------------|

CRIMPFOX crimping tools

Crimping pliers for insulated cable lugs and connectors

Special dies for the CRIMPFOX RCI pliers clearly ensure a high cross section. The precision-manufactured dies ensure consistently high levels of quality during contact.

| | | | | | |
|--|---|---|---|---|--|
| |  |  |  |  | |
| Order No. | CRIMPFOX-RCI 1 | 1212055 | CRIMPFOX-RCI 2,5 | 1212053 | |
| Order No. upon customer request | CRIMPFOX-RCI 1 CUS | 1212772 | CRIMPFOX-RCI 2,5 CUS | 1212773 | |
| [mm ²]/AWG | 0.14 ... 1/26 ... 18 | | 0.75 ... 2.5/20 ... 14 | | |

| | | | | | |
|--------------------------------------|---------------------------|---------|-----------------------------|---------|--|
| Order No. | CRIMPFOX-RCI 1/DIE | 1212056 | CRIMPFOX-RCI 2,5/DIE | 1212054 | |
| Order No. recuperating spring | CRIMPFOX/SPR-3 | 1212036 | CRIMPFOX/SPR-3 | 1212036 | |

CRIMPFOX crimping pliers have a compact frame. The weight required is kept to a minimum, thanks to the ergonomic design. The fixing print run on the lower handle is set on the surfaces, to support manual operation.

| | | | | | | |
|------------------------|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| Order No. | CRIMPFOX-RCI 1-M | 1212727 | CRIMPFOX-RCI 2,5-M | 1212728 | CRIMPFOX-RCI 6-M | 1212730 |
| [mm ²]/AWG | 0.14 ... 1/26 ... 18 | | 0.75 ... 2.5/20 ... 14 | | 0.75 ... 6/20 ... 10 | |


| | | | | | | |
|--------------------------------------|---------------------------|---------|-----------------------|---------|-----------------------|---------|
| Order No. | CRIMPFOX-RCI 6/DIE | 1212058 | | | | |
| Order No. recuperating spring | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 |

CRIMPFOX crimping pliers have specially designed handles and the optimized weight distribution ensure an optimum grip and reduce the amount of force required.

| | | | | | | |
|--|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| Order No. | CRIMPFOX-RCI 6 | 1212057 | CRIMPFOX-RCI 6-1 | 1212059 | CRIMPFOX-RCI DIN 6 | 1212729 |
| Order No. upon customer request | CRIMPFOX-RCI 6 CUS | 1212774 | CRIMPFOX-RCI 6-1 CUS | 1212775 | | |
| [mm ²]/AWG | 0.75 ... 6/20 ... 10 | | 0.75 ... 6/20 ... 10 | | 0.75 ... 6/20 ... 10 | |

| | | | | | | |
|--------------------------------------|---------------------------|---------|-----------------------------|---------|---------------------------|---------|
| Order No. | CRIMPFOX-RCI 6/DIE | 1212058 | CRIMPFOX-RCI 6-1/DIE | 1212290 | CRIMPFOX-RCI 6/DIE | 1212058 |
| Order No. recuperating spring | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 |

CRIMPFOX-RCI 6-1 is suitable for processing shrink sleeves. The balanced weight distribution offers a convenient application.

| | | | | | | |
|--|---|---|--|--|--|--|
| |  |  | | | | |
|--|---|---|--|--|--|--|

CRIMPFOX crimping tools

Multi-functional crimping pliers for ferrules

CRIMPFOX 4IN1 unites four functions in one tool: stripping, twisting, and crimping. Taped ferrules are processed conveniently and while saving time in

... corresponding ferrules on page 51.





| | | | | |
|---------------|---|---|---|---|
| |  |  |  |  |
| Order No. | CRIMPFOX 4IN1 | 1200101 | CRIMPFOX 4IN1 SET | 1200102 |
| Ordering unit | [mm ²]/AWG | 0.5 ... 2.5 | 0.5 ... 2.5 | |
| Accessories | | | | |
| Accessories | CRIMPFOX 4IN1/MAG | 1200103 | | |

Crimping pliers for non-insulated cable lugs and tubular cable lugs

CRIMPFOX RC crimping pliers are used to process non-insulated cable lugs. They have an unlockable pressure adjustment and marked die stations for precise processing of different cross sections.

| | | | | |
|---------------|---|---|---|--|
| |  |  |  |  |
| Order No. | CRIMPFOX-RC 2,5 | 1212063 | CRIMPFOX-RC 6 | 1212710 |
| Ordering unit | Customer engraving upon customer request | CRIMPFOX-RC 2,5 CUS | 1212777 | |
| Ordering unit | [mm ²]/AWG | 0.34 ... 2.5/22 ... 14 | 0.5 ... 6/20 ... 10 | |
| Accessories | | | | |
| Accessories | CRIMPFOX-RC 2,5/DIE | 1212064 | | |
| Accessories | CRIMPFOX/SPR-3 | 1212036 | CRIMPFOX/SPR-3 | 1212036 |

CRIMPFOX RC...M crimping pliers have a compact design. The actuation force required is kept to a minimum thanks to the optimized leverage.

| | | | | |
|---------------|---|---|---|---|
| |  |  |  |  |
| Order No. | CRIMPFOX-RC 2,5-M | 1212723 | CRIMPFOX-RC 6-M | 1212724 |
| Ordering unit | [mm ²]/AWG | 0.34 ... 2.5/22 ... 14 | 0.5 ... 6/20 ... 10 | |
| Accessories | | | | |
| Accessories | CRIMPFOX/SPR-3 | 1212036 | CRIMPFOX/SPR-3 | 1212036 |

Non-insulated cable lugs can be processed conveniently with the CRIMPFOX-RC...M pliers. The fixing print on the lower handle edge is set on the surfaces, to reduce manual force.

| | | | | |
|-----------|---|---|---|--|
| |  |  |  |  |
| Order No. | CRIMPFOX-RC 10 | 1212061 | CRIMPFOX-RC 25 | 1212065 |

FOX crimping tools

Crimping pliers for non-insulated cable lugs and tubular cable lugs

K-RCT crimping pliers are used to process available tubular cable lugs.

Information on the products, visit www.fox.com.

| | | | | | | |
|------------------------|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| Order No. | CRIMPFOX-RCT 25-1 | 1212066 | CRIMPFOX-RCT 16-1 | 1212731 | CRIMPFOX-RCT 70-1 | 1212732 |
| [mm ²]/AWG | 10 ... 25/8 ... 4 | | 4 ... 16/11 ... 5 | | 10 ... 70/7 ... 00 | |
| die | CRIMPFOX-RCT 25-1/DIE | 1212300 | | | | |
| recuperating spring | CRIMPFOX/SPR-1 | 1212069 | | | | |

Crimping pliers for non-insulated slip-on sleeves

K-SC... crimping pliers are suitable for non-insulated slip-on blade connectors and slip-on marked and precisely manufactured die. The CRIMPFOX-SCA is used for processing angled slip-on sleeves.

| | | | | | | |
|---------------------------------|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| Order No. | CRIMPFOX-SC 1,5 | 1212048 | CRIMPFOX-SC 1,5-M | 1212725 | CRIMPFOX-SCA 2,5-M | 1212726 |
| Order No. upon customer request | CRIMPFOX-SC 1,5 CUS | 1212779 | | | | |
| [mm ²]/AWG | 0.1 ... 1.5/26 ... 16 | | 0.1 ... 1.5/26 ... 16 | | 1 ... 2.5/18 ... 14 | |
| die | CRIMPFOX-SC 1,5/DIE | 1212049 | | | | |
| recuperating spring | CRIMPFOX/SPR-3 | 1212036 | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 |
| |  |  |  |  | | |
| Order No. | CRIMPFOX-SC 6 | 1212050 | CRIMPFOX-SC 6L | 1212052 | | |
| Order No. upon customer request | CRIMPFOX-SC 6 CUS | 1212780 | | | | |
| [mm ²]/AWG | 0.5 ... 6/20 ... 10 | | 0.5 ... 6/20 ... 10 | | | |
| die | CRIMPFOX-SC 6/DIE | 1212051 | CRIMPFOX-SC 6/DIE | 1212051 | | |
| recuperating spring | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 | | |

CRIMPFOX crimping tools



Crimping pliers for turned contacts

CRIMPFOX-TC... crimping pliers are used to process turned contacts up to 10 mm². The integrated locator ensures contacts to be positioned precisely in the die.

| | | | | | | |
|-----------|---|---|---|--|---|---|
| |  |  |  |  |  |  |
| Order No. | CRIMPFOX-TC 4 | 1212113 | CRIMPFOX-TC 10 | 1212114 | CRIMPFOX-TC MP | 1212510 |
| Capacity | [mm ²]/AWG | 0.14 ... 4/26 ... 12 | 4 ... 10/12 ... 8 | | CRIMPFOX-TC MP-1 | 1212620 |
| Order No. | CRIMPFOX-TC 4/DIE | 1212295 | CRIMPFOX-TC 10/DIE | 1212296 | | |
| Order No. | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 | | |

Crimping pliers for fiber optic connectors

CRIMPFOX-FO is used to process fiber optic connectors. The five marked die stations enable precise crimping of different contact sizes.

| | | | | | | |
|-----------|---|---|--|--|--|--|
| |  |  | | | | |
| Order No. | CRIMPFOX-FO 5,41 | 1212099 | | | | |
| Capacity | [mm] | 3.25/3.84/4.52/5.0/5.41 | | | | |
| Order No. | CRIMPFOX-FO 5,41/DIE | 1212294 | | | | |
| Order No. | CRIMPFOX/SPR-1 | 1212069 | | | | |

Crimping pliers for coaxial connectors

CRIMPFOX-CX... crimping pliers are used to process coaxial connectors. Equipped with a pressure lock, they provide consistently high-quality crimping. See page 21 for 2 and 3-stage stripping tools.

| | | | | | | |
|-----------|---|---|---|--|---|---|
| |  |  |  |  |  |  |
| Order No. | CRIMPFOX-CX 4,52 | 1212094 | CRIMPFOX-CX 6,48 | 1212095 | CRIMPFOX-CX 7,06 HD-M | 1212718 |
| Capacity | [mm] | 1.69/3.25/4.52 | 1.69/5.41/6.48 | | 1.04/4.52/6.48/7.06 | |
| Order No. | CRIMPFOX-CX 4,52/DIE | 1212284 | CRIMPFOX-CX 6,48/DIE | 1212286 | | |
| Order No. | CRIMPFOX/SPR-3 | 1212036 | CRIMPFOX/SPR-3 | 1212036 | CRIMPFOX/SPR-1 | 1212069 |










CRIMPFOX-CX...-M pliers have an extremely compact body. The introduced pressure lock offers high security together with the precisely manufactured

| | | | | | | |
|-----------|---|---|---|--|---|---|
| |  |  |  |  |  |  |
| Order No. | CRIMPFOX-CX 4,52-M | 1212713 | CRIMPFOX-CX 5,41-M | 1212712 | CRIMPFOX-CX 6,48-M | 1212714 |
| Capacity | [mm] | 1.69/3.25/4.52 | 0.7/1.07/1.69/3.25/4.52/5.41 | | 1.69/5.41/6.48 | |

FOX crimping tools

Crimping pliers for coaxial connectors

The mechanical design of these pliers means less force is required compared to other pliers. The balanced weight distribution offers convenient application.

| | | | | | | |
|------------|---|--|---|--|---|--|
| |  |   |  |   |  |   |
| Order No. | CRIMPFOX-CX 9,14 | 1212096 | CRIMPFOX-CX 10,54 | 1212097 | CRIMPFOX-CX 10,90 | 1212098 |
| 1/2/3 [mm] | 1.73/8.23/9.14 | | 2.54/10.54 | | 2.54/10.90 | |

| | | | | | | |
|---------------------|-----------------------------|---------|------------------------------|---------|------------------------------|---------|
| die | CRIMPFOX-CX 9,14/DIE | 1212293 | CRIMPFOX-CX 10,54/DIE | 1212291 | CRIMPFOX-CX 10,90/DIE | 1212292 |
| recuperating spring | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 |

Coaxial connectors can be processed conveniently and safely with CRIMPFOX-CX... pliers. The fixing printer on the handle edge is set on the surfaces, to ensure a firm grip.

| | | | | | | |
|--------------|--|---|--|--|--|--|
| |  |   | | | | |
| Order No. | CRIMPFOX-CX 10,90-1 | 1212715 | | | | |
| 1/2/3/4 [mm] | 1.69/2.54/5.41/10.90 | | | | | |

| | | | | | | |
|---------------------|-----------------------|---------|--|--|--|--|
| recuperating spring | CRIMPFOX/SPR-1 | 1212069 | | | | |
|---------------------|-----------------------|---------|--|--|--|--|

Crimping pliers for D-SUB contacts

CRIMPFOX-DSUB crimping pliers with their long handle offer safe and convenient processing of contacts up to 0.5 mm².

DSUB 5 for high density
DSUB 5-1 for standard





| | | | | | | |
|------------------------|---|--|---|--|--|--|
| |  |   |  |   | | |
| Order No. | CRIMPFOX-DSUB 5 | 1212111 | CRIMPFOX-DSUB 5-1 | 1212711 | | |
| [mm ²]/AWG | 0.08 ... 0.5/28 ... 22 | | 0.05 ... 0.5/30 ... 22 | | | |

| | | | | | | |
|---------------------|----------------------------|---------|-----------------------|---------|--|--|
| die | CRIMPFOX-DSUB 5/DIE | 1212287 | | | | |
| recuperating spring | CRIMPFOX/SPR-3 | 1212036 | CRIMPFOX/SPR-3 | 1212036 | | |

Crimping pliers for crimp snap-in contacts

CRIMPFOX-SPR 6 crimping pliers processes contacts of SUNCLIX solar crimp connectors that are up to 100 mm² in length. The precise parallel linear dies, together with the positioning assistance, ensure a precise and safe contact processing.

CRIMPFOX-SPR 6 are used as mounting pliers for solar connectors.

| | | | | | | |
|--|---|--|---|--|--|--|
| |  |   |  | | | |
|--|---|--|---|--|--|--|

CRIMPFOX crimping tools

Crimping pliers for solar connectors

CRIMPFOX-SR-6 pliers are used to process MC3 and MC4 solar connectors from Multi-Contact and MC4 connectors from Tyco. An integrated locator allows for easy processing with optimum crimping results.



| | | | | | | |
|---------------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|
| Order No. | CRIMPFOX-SR 6-1 | 1212467 | CRIMPFOX-SR 6-2 | 1212468 | CRIMPFOX-SR 6-3 | 1212469 |
| Ordering information | 2.5 ... 6 | | 2.5 ... 6 | | 2.5 ... 6 | |
| Connector types | MC3 | | MC4 | | SOLARLOK | |
| Accessories | | | | | | |
| Replacement recuperating spring | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 |

Crimping pliers for coaxial CATV connectors

The innovative mechanical design of these pliers means that up to 25% less force is required compared to conventional pliers. The balanced weight distribution offers a firm grip, convenient application.



| | | | | | | |
|---------------------------------|---------------------------|-------------------------|-----------------------------|-------------------------|-----------------------|-------------------------|
| Order No. | CRIMPFOX-CATV 8,23 | 1212716 | CRIMPFOX-CATV 8,23-1 | 1212717 | | |
| Ordering information | 1.69/8.23 | | 6.65/8.23/9.70 | | | |
| Accessories | | | | | | |
| Replacement recuperating spring | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 | CRIMPFOX/SPR-1 | 1212069 |

Universal pliers for data connectors for accommodating various dies

CRIMPFOX-C D is a universal tool for use with data connectors. One of its key features is the way the dies can be easily replaced without the need for tools.



| | | | | | | |
|----------------------------|---------------------|-------------------------|----------------------------|-------------------------|--|--|
| Order No. | CRIMPFOX-C D | 1212734 | | | | |
| Accessories | | | | | | |
| Unshielded RJ11 connectors | | | CRIMPFOX-C RJ11/DIE | 1212735 | | |
| Unshielded RJ22 connectors | | | CRIMPFOX-C RJ22/DIE | 1212736 | | |

CRIMPFOX crimping tools

Universal pliers for accommodating various crimp inserts

Key features of the CRIMPFOX-M crimping tool are that the crimp inserts can be quickly replaced and the tool offers reliable contact with the integrated pressure lock. The variety of crimp inserts makes them a space-saving universal tool for all







| Order No. | CRIMPFOX-M | 1212072 | CRIMPFOX-M SET | 1212093 |
|---|---------------------------------|---------|---|-------------------------------|
| | Basic pliers without die | | Contents: CRIMPFOX-M and 4 dies 1212074, 1212079, 1212080, 1212081 | |
| | CRIMPFOX-M 10/DIE | 1212080 | CRIMPFOX-M 10/DIE | 1212080 (included in the set) |
| | CRIMPFOX-M 25/DIE | 1212081 | CRIMPFOX-M 25/DIE | 1212081 (included in the set) |
| | CRIMPFOX-M 50/DIE | 1212082 | | |
| for shielded cable lugs for 1.5 ... 2.5 mm ² for 4 ... 6 mm ² | CRIMPFOX-M RCI 2,5/DIE | 1212074 | CRIMPFOX-M RCI 2.5/DIE | 1212074 (included in the set) |
| | CRIMPFOX-M RCI 6/DIE | 1212073 | | |
| for shielded cable lugs | CRIMPFOX-M RC 2,5/DIE | 1212078 | | |
| | CRIMPFOX-M RC 6/DIE | 1212079 | CRIMPFOX-M RC 6/DIE | 1212079 (included in the set) |
| | CRIMPFOX-M RC 10/DIE | 1212077 | | |
| for 10 mm ² | CRIMPFOX-M RC 10-1/DIE | 1212744 | | |
| for shielded slip-on sleeves | CRIMPFOX-M SC 1/DIE | 1212083 | | |
| | CRIMPFOX-M SC 2,5/DIE | 1212084 | | |
| | CRIMPFOX-M SC 6/DIE | 1212085 | | |
| for side, flat crimp | CRIMPFOX-M SC 6-FL/DIE | 1212741 | | |
| for angled slip-on sleeves, 6.3 mm | CRIMPFOX-M SCA 2,5/DIE | 1212742 | | |
| for angled slip-on sleeves, 8 mm | CRIMPFOX-M SCA 2,5-1/DIE | 1212743 | | |
| for contacts | CRIMPFOX-M TC 4/DIE | 1212075 | | |
| for cross section: 0.5 ... 4 mm ² | CRIMPFOX-M TC 10/DIE | 1212076 | | |
| for cross section: 6 ... 10 mm ² | | | | |
| for connectors | | | | |
| for 9, BNC, TNC | CRIMPFOX-M CX 1/DIE | 1212087 | | |
| for RG 62, RG 71, BNC, TNC | CRIMPFOX-M CX 2/DIE | 1212088 | | |
| | CRIMPFOX-M CX 3/DIE | 1212089 | | |
| for 1.6, 1.73, 6.48, 8.23 | CRIMPFOX-M CX 4/DIE | 1212745 | | |
| for 1.0, 3.25, 3.85 | CRIMPFOX-M CX 5/DIE | 1212746 | | |
| for 1.7, 6.48, 8.23 | CRIMPFOX-M CX 6/DIE | 1212747 | | |
| for 1.2, 5.41 | CRIMPFOX-M CX 7/DIE | 1212748 | | |
| for 1.2, 8.23 | CRIMPFOX-M CX 8/DIE | 1212749 | | |
| for shielded RJ45 connectors | CRIMPFOX-M RJ45/DIE | 1212090 | | |
| for shielded RJ11 connectors | CRIMPFOX-M RJ11/DIE | 1212091 | | |
| for butt connectors | | | | |
| for 4 ... 6 mm ² | CRIMPFOX-M HS-1/DIE | 1212282 | | |
| for 1.5 ... 2.5 mm ² | CRIMPFOX-M HS/DIE | 1219092 | | |
| for connectors | CRIMPFOX-M HS/DIE | 1219092 | | |
| for contact, 2.5 ... 6 mm ² | CRIMPFOX M SR 6-1/DIE | 1212471 | | |
| for contact, 2.5 ... 6 mm ² | CRIMPFOX M SR 6-2/DIE | 1212472 | | |
| for contact, 2.5 ... 6 mm ² | CRIMPFOX M SR 6-3/DIE | 1212473 | | |

CRIMPFOX crimping tools

Universal pliers for accommodating various crimp inserts

The variety of available dies means that the CRIMPFOX-C... pliers can be used as universal crimping tools up to 120 mm². Easily foldable jaw holders allow the dies to be changed quickly. A mechanical drive system reduces the level of force required to an absolute minimum.



| Order No. | CRIMPFOX-C50 | 1212340 | CRIMPFOX-C120 | 1212318 |
|--|---|---------|-----------------------------|---------|
| Categories: die combinations insulated cable lugs |  | | | |
| die part 70 mm ² | | | CRIMPFOX-C120 AI 70/M-DIE | 1212335 |
| | | | CRIMPFOX-C120 AI 95/M-DIE | 1212336 |
| die part | | | CRIMPFOX-C120 AI 50/F-DIE | 1212337 |
| | | | CRIMPFOX-C120 AI 70/F-DIE | 1212338 |
| | | | CRIMPFOX-C120 AI 95/F-DIE | 1212339 |
| | | | CRIMPFOX-C120 AI 120/DIE | 1209910 |
| Categories: die combinations insulated cable lugs |  | | | |
| die part mm ² mm ² | CRIMPFOX-C50 RC 35/M-DIE | 1212343 | | |
| | | | CRIMPFOX-C120 RC 70/M-DIE | 1212331 |
| die part | CRIMPFOX-C50 RC 25/F-DIE | 1212344 | | |
| | CRIMPFOX-C50 RC 35/F-DIE | 1212345 | | |
| 5, 35 mm ² | | | CRIMPFOX-C120 RC 35/F-DIE | 1212332 |
| mm ² | | | CRIMPFOX-C120 RC 50/F-DIE | 1212333 |
| mm ² | | | CRIMPFOX-C120 RC 70/F-DIE | 1212334 |
| Categories: die pair insulated cable lugs |  | | | |
| | CRIMPFOX-C50 RCI 10/DIE | 1212346 | CRIMPFOX-C120 RCI 10/DIE | 1212327 |
| | CRIMPFOX-C50 RCI 16/DIE | 1212347 | CRIMPFOX-C120 RCI 16/DIE | 1212328 |
| | CRIMPFOX-C50 RCI 25/DIE | 1212348 | CRIMPFOX-C120 RCI 25/DIE | 1212329 |
| | | | CRIMPFOX-C120 RCI 35/DIE | 1212330 |
| Categories: die pair commercially available copper tubular cables |  | | | |
| mm ² | CRIMPFOX-C50 RCT 35-1/DIE | 1212341 | CRIMPFOX-C120 RCT 35-1/DIE | 1212320 |
| mm ² | CRIMPFOX-C50 RCT 50-1/DIE | 1212342 | CRIMPFOX-C120 RCT 50-1/DIE | 1212321 |
| mm ² | | | CRIMPFOX-C120 RCT 70-1/DIE | 1212319 |
| | | | CRIMPFOX-C120 RCT 95-1/DIE | 1212322 |
| | | | CRIMPFOX-C120 RCT 120-1/DIE | 1212323 |
| Categories: pair of round dies for cables | | | | |
| mm ² | CRIMPFOX-C50 R25-35/DIE | 1212349 | | |
| mm ² | CRIMPFOX-C50 R35-50/DIE | 1212350 | | |
| mm ² | CRIMPFOX-C50 R50-70/DIE | 1212351 | | |
| mm ² | | | CRIMPFOX-C120 R25-50/DIE | 1212324 |
| mm ² | | | CRIMPFOX-C120 R35-70/DIE | 1212325 |
| mm ² | | | CRIMPFOX-C120 R95/DIE | 1212326 |

FOX – corresponding connectors for the CRIMPFOX series

without insulating collar

| | Conductor cross section [mm ²] | Cond. cross section [AWG] | Length [mm] | Designation ferrules | Order No. | Color |
|---|--|---------------------------|-------------|-------------------------|-------------------------|--------|
|  <p>without plastic sleeve are made of electrolytic copper.</p> <p>certified E-CU tested</p> <p>max temperature: C</p> <p>correspond to the of DIN 46228-1 and UL 486F dimension.</p> <p>overview list starting on suitable tools for crimping L.</p> | 0.14 ... 0.25 ^{1) 2)} | 26 ... 22 | 5 | A0,25-5 | 3202465 | Silver |
| | 0.14 ... 0.25 ^{1) 2)} | 26 ... 22 | 7 | A0,25-7 | 3202478 | Silver |
| | 0.34 ^{1) 2)} | 22 | 7 | A0,34-7 | 3009202 | Silver |
| | 0.5 | 20 | 6 | A0,5-6 | 3200218 | Silver |
| | 0.5 ¹⁾ | 20 | 8 | A0,5-8 | 3202481 | Silver |
| | 0.5 | 20 | 10 | A0,5-10 | 3202494 | Silver |
| | 0.75 | 18 | 6 | A0,75-6 | 3200221 | Silver |
| | 0.75 ¹⁾ | 18 | 8 | A0,75-8 | 3202504 | Silver |
| | 0.75 | 18 | 10 | A0,75-10 | 3200234 | Silver |
| | 1 | 18 | 6 | A1-6 | 3200247 | Silver |
| | 1 ¹⁾ | 18 | 8 | A1-8 | 3202517 | Silver |
| | 1 | 18 | 10 | A1-10 | 3200250 | Silver |
| | 1.5 | 16 | 7 | A1,5-7 | 3200263 | Silver |
| | 1.5 | 16 | 10 | A1,5-10 | 3200276 | Silver |
| | 1.5 | 16 | 12 | A1,5-12 | 3202588 | Silver |
| | 1.5 ¹⁾ | 16 | 15 | A1,5-15 | 3202591 | Silver |
| | 1.5 | 16 | 18 | A1,5-18 | 3202601 | Silver |
| | 2.5 | 14 | 7 | A2,5-7 | 3200289 | Silver |
| | 2.5 | 14 | 12 | A2,5-12 | 3200292 | Silver |
| | 2.5 | 14 | 18 | A2,5-18 | 3202821 | Silver |
| | 4 | 12 | 9 | A4-9 | 3200302 | Silver |
| | 4 | 12 | 12 | A4-12 | 3200315 | Silver |
| 4 | 12 | 18 | A4-18 | 3202834 | Silver | |
| 6 | 10 | 10 | A6-10 | 3202520 | Silver | |
| 6 | 10 | 12 | A6-12 | 3200328 | Silver | |
| 10 | 8 | 12 | A10-12 | 3200331 | Silver | |
| 10 | 8 | 18 | A10-18 | 3200344 | Silver | |
| 16 | 6 | 12 | A16-12 | 3200425 | Silver | |
| 25 ¹⁾ | 4 | 12 | A25-12 | 3200357 | Silver | |
| 25 | 4 | 15 | A25-15 | 3200360 | Silver | |
| 25 | 4 | 18 | A25-18 | 3200373 | Silver | |
| 25 ^{1) 2)} | 4 | 20 | A25-20 | 3200386 | Silver | |
| 25 ^{1) 2)} | 4 | 40 | A25-40 | 3241238 | Silver | |
| 35 | 2 | 18 | A35-18 | 3200399 | Silver | |
| 35 ¹⁾ | 2 | 20 | A35-20 | 3200409 | Silver | |
| 35 ^{1) 2)} | 2 | 40 | A35-40 | 3241239 | Silver | |
| 50 ^{1) 2)} | 1/0 | 40 | A50-40 | 3241240 | Silver | |
| 70 ^{1) 2)} | 2/0 | 40 | A70-40 | 3241241 | Silver | |
| 95 ^{1) 2)} | 3/0 | 40 | A95-40 | 3241242 | Silver | |

are not included in DIN 46228-1: 1990-09 and UL 486F.
are not UL certified.

MPFOX – corresponding connectors for the CRIMPFOX series

Ferrules with insulating collar



The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper. The insulation reliability of close connections is increased and the splicing of wires is prevented. The conically shaped, "Easy Entry" insulating collar ensures easy and correct conductor insertion.



UL and CSA-certified, material/coating: E-CU/tin-plated, material plastic sleeve: polypropylene/halogen-free, long-term/short-term temperature: +105°C/+120°C. These ferrules correspond to the dimension requirements of DIN 46228-4: 1990-09 and UL 486F.

Refer to the overview list starting on page 86 for the suitable tools for crimping according to UL.



| Conductor cross section | | Length [mm] | Color code: DIN 46228-4: 1990-09 UL 486F | Order No. | Color | Color code: NF C 63-023: 1994-02 | Order No. | Color | Special color code | Order No. | Color |
|-------------------------|-----------|-------------|--|-----------|--------|----------------------------------|-----------|--------|--------------------|-----------|-----------|
| [mm ²] | [AWG] | | | | | | | | | | |
| 0,34 ¹⁾ 2) | 26 ... 22 | 6 | Al 0,25-6 YE | 3203024 | Yellow | | | | Al 0,25-6 BU | 3203040 | Blue |
| 0,34 ¹⁾ 2) | 26 ... 22 | 6 | | | | | | | Al 0,34-6 TQ | 3203053 | Turquoise |
| 0,34 ¹⁾ 2) | 26 ... 22 | 8 | Al 0,25-8 YE | 3203037 | Yellow | | | | | | |
| 0,34 ¹⁾ 2) | 26 ... 22 | 8 | | | | | | | Al 0,34-8 TQ | 3203066 | Turquoise |
| 0,34 ¹⁾ 2) | 26 ... 22 | 10 | Al 0,25-10 YE | 3241128 | Yellow | | | | Al 0,34-10 TQ | 3241129 | Turquoise |
| 0,34 ¹⁾ 2) | 26 ... 22 | 12 | | | | | | | Al 0,25-12 BU | 3200632 | Blue |
| 0,34 ¹⁾ 2) | 26 ... 22 | 12 | | | | | | | Al 0,34-12 TQ | 3200645 | Turquoise |
| 5 | 20 | 6 | Al 0,5-6 WH | 3200687 | White | Al 0,5-6 WH | 3200687 | White | Al 0,5-6 OG | 3201301 | Orange |
| 5 | 20 | 8 | Al 0,5-8 WH | 3200014 | White | Al 0,5-8 WH | 3200014 | White | Al 0,5-8 OG | 3201123 | Orange |
| 5 | 20 | 8 | Al 0,5-8 WH-1000 | 3200881 | White | Al 0,5-8 WH-1000 | 3200881 | White | | | |
| 5 | 20 | 10 | Al 0,5-10 WH | 3201275 | White | Al 0,5-10 WH | 3201275 | White | Al 0,5-10 OG | 3241126 | Orange |
| 5 | 20 | 12 | Al 0,5-12 WH | 3200506 | White | Al 0,5-12 WH | 3200506 | White | | | |
| 5 | 18 | 6 | Al 0,75-6 GY | 3200690 | Gray | | | | Al 0,75-6 WH | 3201314 | White |
| 5 | 18 | 8 | Al 0,75-8 GY | 3200519 | Gray | Al 0,75-8 BU | 3200027 | Blue | Al 0,75-8 WH | 3201110 | White |
| 5 | 18 | 8 | Al 0,75-8 GY-1000 | 3200894 | Gray | | | | Al 0,75-8 BU-1000 | 1213200 | Blue |
| 5 | 18 | 10 | Al 0,75-10 GY | 3201288 | Gray | | | | | | |
| 5 | 18 | 12 | Al 0,5-12 WH | 3200506 | White | | | | | | |
| 5 | 18 | 12 | Al 0,75-12 GY | 3200849 | Gray | | | | | | |
| 5 | 18 | 6 | Al 1-6 RD | 3200742 | Red | Al 1-6 RD | 3200742 | Red | Al 1-6 YE | 3201327 | Yellow |
| 5 | 18 | 8 | Al 1-8 RD | 3200030 | Red | Al 1-8 RD | 3200030 | Red | Al 1-8 YE | 3201097 | Yellow |
| 5 | 18 | 8 | Al 1-8 RD-1000 | 3200904 | Red | Al 1-8 RD-1000 | 3200904 | Red | | | |
| 5 | 18 | 10 | Al 1-10 RD | 3200182 | Red | Al 1-10 RD | 3200182 | Red | | | |
| 5 | 18 | 12 | Al 1-12 RD | 3200674 | Red | Al 1-12 RD | 3200674 | Red | | | |
| 5 | 16 | 6 | Al 1,5-6 BK | 3200755 | Black | Al 1,5-6 BK | 3200755 | Black | | | |
| 5 | 16 | 8 | Al 1,5-8 BK | 3200043 | Black | Al 1,5-8 BK | 3200043 | Black | Al 1,5-8 RD | 3201136 | Red |
| 5 | 16 | 8 | Al 1,5-8 BK-1000 | 3200917 | Black | Al 1,5-8 BK-1000 | 3200917 | Black | | | |
| 5 | 16 | 10 | Al 1,5-10 BK | 3200195 | Black | Al 1,5-10 BK | 3200195 | Black | | | |
| 5 | 16 | 12 | Al 1,5-12 BK | 3201482 | Black | Al 1,5-12 BK | 3201482 | Black | | | |
| 5 | 16 | 18 | Al 1,5-18 BK | 3200056 | Black | Al 1,5-18 BK | 3200056 | Black | | | |
| 5 | 14 | 8 | Al 2,5-8 BU | 3200522 | Blue | Al 2,5-8 GY | 3200069 | Gray | Al 2,5-8 BU | 3200522 | Blue |
| 5 | 14 | 8 | Al 2,5-8 BU-1000 | 3200920 | Blue | | | | Al 2,5-8 BU-1000 | 3200920 | Blue |
| 5 | 14 | 10 | Al 2,5-10 BU | 3202533 | Blue | | | | | | |
| 5 | 14 | 10 | Al 2,5-10 BU-1000 | 3203147 | Blue | | | | | | |
| 5 | 14 | 12 | Al 2,5-12 BU | 3200962 | Blue | Al 2,5-12 GY | 3200205 | Gray | Al 2,5-12 BU | 3200962 | Blue |
| 5 | 14 | 18 | Al 2,5-18 BU | 3200580 | Blue | Al 2,5-18 GY | 3200072 | Gray | Al 2,5-18 BU | 3200580 | Blue |
| 5 | 12 | 10 | Al 4-10 GY | 3200535 | Gray | Al 4-10 OG | 3200085 | Orange | Al 4-10 GY | 3200535 | Gray |
| 5 | 12 | 10 | | | | Al 4-10 OG-1000 | 1213202 | Orange | | | |
| 5 | 12 | 12 | Al 4-12 GY | 3200959 | Gray | Al 4-12 OG | 3200438 | Orange | Al 4-12 GY | 3200959 | Gray |
| 5 | 12 | 15 | Al 4-15 GY | 1200264 | Gray | | | | | | |
| 5 | 12 | 18 | Al 4-18 GY | 3200593 | Gray | Al 4-18 OG | 3200098 | Orange | Al 4-18 GY | 3200593 | Gray |
| 5 | 10 | 12 | Al 6-12 YE | 3200548 | Yellow | Al 6-12 GN | 3200108 | Green | Al 6-12 BK | 3201107 | Black |
| 5 | 10 | 12 | | | | | | | Al 6-12 GN-1000 | 1213203 | Green |
| 5 | 10 | 18 | Al 6-18 YE | 3200603 | Yellow | Al 6-18 GN | 3200111 | Green | | | |
| 5 | 8 | 12 | Al 10-12 RD | 3200551 | Red | Al 10-12 BN | 3200124 | Brown | Al 10-12 IV | 3201068 | Ivory |
| 5 | 8 | 18 | Al 10-18 RD | 3200616 | Red | Al 10-18 BN | 3200137 | Brown | | | |
| 5 | 6 | 12 | Al 16-12 BU | 3200564 | Blue | Al 16-12 IV | 3201181 | Ivory | Al 16-12 GN | 3201152 | Green |
| 5 | 6 | 18 | Al 16-18 BU | 3200629 | Blue | | | | Al 16-18 GN | 3201330 | Green |
| 5 | 4 | 16 | Al 25-16 YE | 3200577 | Yellow | Al 25-16 BK | 3200412 | Black | Al 25-16 BN | 3201084 | Brown |
| 5 | 4 | 18 | Al 25-18 YE | 3201505 | Yellow | | | | | | |
| 5 | 4 | 22 | Al 25-22 YE | 3200700 | Yellow | Al 25-22 BK | 3200739 | Black | | | |
| 5 | 2 | 16 | Al 35-16 RD | 3200441 | Red | Al 35-16 RD | 3200441 | Red | Al 35-16 BE | 3201071 | Beige |
| 5 | 2 | 18 | Al 35-18 RD | 3201495 | Red | Al 35-18 RD | 3201495 | Red | | | |
| 5 | 2 | 25 | Al 35-25 RD | 3200712 | Red | Al 35-25 RD | 3200712 | Red | | | |

FOX – corresponding connectors for the CRIMPFOX series

for two-wire connection

| | Conductor cross section | | Length [mm] | Designation ferrules | Order No. | Color | |
|--|---|----------|-------------|----------------------|-------------------|---------|--------|
| | [mm ²] | [AWG] | | | | | |
|   <p>Ferrules with plastic sleeve The usual way of crimping two wires with one ferrule. Among other applications, edge connections can be realized with them. UL certified E-CU tested with polypropylene Long-term temperature: 105°C They correspond to the requirements of the UL 486F. See the overview list starting on page 10 for suitable tools for crimping L.</p> | 2 x 0.5 | 2 x 20 | 8 | AI-TWIN2X0,5-8WH | 3200933 | White | |
| | 2 x 0.75 | 2 x 18 | 8 | AI-TWIN2X0,75-8GY | 3200807 | Gray | |
| | 2 x 0.75 | 2 x 18 | 10 | AI-TWIN2X0,75-10GY | 3200933 | Gray | |
| | 2 x 1 | 2 x 18 | 8 | AI-TWIN2X1-8RD | 3200810 | Red | |
| | 2 x 1 | 2 x 18 | 10 | AI-TWIN2X1-10RD | 3200988 | Red | |
| | 2 x 1 | 2 x 18 | 12 | AI-TWIN2X1-12RD | 3240679 | Red | |
| | 2 x 1.5 | 2 x 16 | 8 | AI-TWIN2X1,5-8BK | 3200823 | Black | |
| | 2 x 1.5 ¹⁾ 2) | 2 x 16 | 10 | AI-TWIN2X1,5-10BK | 3201534 | Black | |
| | 2 x 1.5 | 2 x 16 | 12 | AI-TWIN2X1,5-12BK | 3200991 | Black | |
| | 2 x 2.5 | 2 x 14 | 10 | AI-TWIN2X2,5-10BU | 3200836 | Blue | |
| | 2 x 2.5 | 2 x 14 | 13 | AI-TWIN2X2,5-13BU | 3200878 | Blue | |
| | 2 x 4 | 2 x 12 | 12 | AI-TWIN2X4-12GY | 3201000 | Gray | |
| | 2 x 6 | 2 x 10 | 14 | AI-TWIN2X6-14YE | 3201013 | Yellow | |
| | 2 x 10 | 2 x 8 | 14 | AI-TWIN2X10-14RD | 3201026 | Red | |
| | 2 x 16 ¹⁾ | 2 x 6 | 16 | AI-TWIN2X16-16BU | 3202847 | Blue | |
| | <p>UL certified in accordance with UL and CSA</p> | 2 x 0.75 | 2 x 18 | 8 | AI-TWIN2X0,75-8BU | 3240668 | Blue |
| | | 2 x 2.5 | 2 x 14 | 10 | AI-TWIN2X2,5-10GY | 3240669 | Gray |
| | <p>UL and CSA-certified</p> | 2 x 4 | 2 x 12 | 12 | AI-TWIN2X4-12OG | 1213204 | Orange |
| 2 x 6 | | 2 x 10 | 14 | AI-TWIN2X6-14GN | 1213206 | Green | |
| 2 x 10 | | 2 x 8 | 14 | AI-TWIN2X10-14BN | 1213206 | Brown | |
| 2 x 14 | | 2 x 6 | 16 | AI-TWIN2X6-16WH | 1213207 | White | |

with enlarged insulating collar (AWG/Multinorm)

| | Conductor cross section | | Length [mm] | Designation ferrules | Order No. | Color | |
|---|-------------------------|-------|-------------|----------------------|-----------|-------|--|
| | [mm ²] | [AWG] | | | | | |
|   <p>Ferrules provide a practical solution for crimping conductors with increased conductor diameter of the wire; this type of ferrule is suitable for AWG and Multinorm cables with an enlarged collar. The ferrules are conically shaped. "Easy insertion" collar ensures easy and secure insertion. UL certified E-CU tested with polypropylene Long-term temperature: 105°C In accordance with UL and UL 486F. See the overview list starting on page 10 for suitable tools for crimping L.</p> | 0.5 | 20 | 8 | AI0,5-8WH-GB | 1208966 | White | |
| | 0.5 | 20 | 10 | AI0,5-10WH-GB | 3203150 | White | |
| | 0.75 | 18 | 8 | AI0,75-8GY-GB | 1208979 | Gray | |
| | 0.75 | 18 | 10 | AI0,75-10GY-GB | 3203163 | Gray | |
| | 1 | 18 | 8 | AI1-8RD-GB | 1208982 | Red | |
| | 1 | 18 | 10 | AI1-10RD-GB-1000 | 1208869 | Red | |
| | 1.5 | 16 | 8 | AI1,5-8BK-GB-1000 | 3202892 | Black | |
| | 1.5 | 16 | 10 | AI1,5-10BK-GB-1000 | 1208872 | Black | |
| | | | | | | | |
| | | | | | | | |

CRIMPFOX – corresponding connectors for the CRIMPFOX series

Ferrules with enlarged insulating collar



AI... ferrules have a significantly enlarged flange diameter and can therefore connect conductors with thick insulation, e.g. short circuit proof cables (NSGAFöu).

UL- and CSA-certified
Sleeve material: E-CU
Coating: tin-plated
Flange material: polypropylene
Halogen-free
Long-term temperature: +120°C
Short-term temperature: +120°C
Compliance in accordance with DIN 46228-1 and UL 486F

| Conductor cross section | | Width [mm] | Designation sleeve and connector | Order No. | Color |
|-------------------------|-------|------------|----------------------------------|-----------|--------|
| [mm ²] | [AWG] | | | | |
| 1.5 | 16 | 8 | AI-XL1,5-8BK | 3201916 | Black |
| 1.5 | 16 | 10 | AI-XL1,5-10BK | 3201974 | Black |
| 2.5 | 14 | 8 | AI-XL2,5-8BU | 3201929 | Blue |
| 2.5 | 14 | 12 | AI-XL2,5-12BU | 3201987 | Blue |
| 4 | 12 | 10 | AI-XL4-10GY | 3201932 | Gray |
| 6 | 10 | 12 | AI-XL6-12YE | 3201945 | Yellow |
| 10 | 8 | 12 | AI-XL10-12RD | 3201958 | Red |
| 16 ²⁾ | 6 | 12 | AI-XL16-12BU | 3201961 | Blue |

Coiled and banded ferrules



Taped ferrules for automated manufacturing. Ideal for wiring terminal blocks, especially those of the CLIPLINE complete system.

UL and CSA-certified
Sleeve material: E-CU
Coating: tin-plated
Flange material: polypropylene
Halogen-free
Long-term/short-term temperature: 105°C/120°C
The ferrules correspond to the requirements of DIN 46228-4: 1990-09 and UL 486F in terms of dimension

| Conductor cross section [AWG] | Length [mm] | Taped ferrules as strips (for CRIMPFOX 4IN1) | Order No. | Color | Taped ferrules on small coils (for CF 3000) | Order No. | Color | Taped ferrules on large coils | Order No. | Color |
|-------------------------------|-------------|--|-----------|-------|---|-----------|-----------|-------------------------------|-----------|-------|
| 20 | 8 | AI 0,5-8 WH S1 | 1200104 | White | AI 0,5-8 WH-B | 3201369 | White | AI 0,5-8 WH-B 3000 | 3240663 | White |
| 18 | 8 | AI 0,75-8 GY S1 | 1200105 | Gray | AI 0,75-8 GY-B | 3201372 | Gray | AI 0,75-8 GY-B 3000 | 3240664 | Gray |
| 18 | 8 | AI 1-8 RD S1 | 1200106 | Red | AI 1-8 RD-B | 3201385 | Red | AI 1-8 RD-B 3000 | 3240665 | Red |
| 16 | 8 | AI 1,5-8 BK S1 | 1200107 | Black | AI 1,5-8 BK-B | 3201398 | Black | AI 1,5-8 BK-B 2500 | 3240666 | Black |
| 14 | 8 | AI 2,5-8 BU S1 | 1200108 | Blue | AI 2,5-8 BU-B | 3201408 | Blue | AI 2,5-8 BU-B 1500 | 3240667 | Blue |
| Compliance with NF C 63-023 | | | | | | | | | | |
| 20 | 8 | AI 0,5-8 WH S1 | 1200104 | White | AI 0,5-8 WH-B | 3201369 | White | | | |
| 18 | 8 | AI 0,75-8 BU S1 | 1200163 | Blue | AI 0,75-8 BU-B | 3201547 | Blue | | | |
| 18 | 8 | AI 1-8 RD S1 | 1200106 | Red | AI 1-8 RD-B | 3201385 | Red | | | |
| 16 | 8 | AI 1,5-8 BK S1 | 1200107 | Black | AI 1,5-8 BK-B | 3201398 | Black | | | |
| 14 | 8 | AI 2,5-8 GY S1 | 1200163 | Gray | AI 2,5-8 GY-B | 3201550 | Gray | | | |
| Special color code | | | | | | | | | | |
| 22 ²⁾ | 8 | | | | AI 0,25-8 BU-B | 3240250 | Blue | | | |
| 22 ²⁾ | 8 | | | | AI 0,25-8 YE-B | 3240251 | Yellow | | | |
| 22 ²⁾ | 8 | | | | AI 0,34-8 TQ-B | 3240249 | Turquoise | | | |
| 20 | 8 | | | | AI 0,5-8 OG-B | 3201563 | Orange | | | |
| 18 | 8 | | | | AI 0,75-8 WH-B | 3201576 | White | | | |
| 18 | 8 | | | | AI 1-8 YE-B | 3201589 | Yellow | | | |
| 16 | 8 | | | | AI 1,5-8 RD-B | 3201592 | Red | | | |

Coiled sleeves and slip-on blade connectors, non-insulated




Non-insulated slip-on sleeves and blade connectors are made from electrically tin-plated brass, thereby ensuring a high degree of protection against corrosion. Grooves are machined on the contact area to obtain improved electrical and mechanical properties.

Compliance in accordance with DIN 46247 and UL 486F

| Conductor cross section | | Width [mm] | Designation sleeve and connector | Order No. | Color |
|-------------------------|-----------|------------|----------------------------------|-----------|--------|
| [mm ²] | [AWG] | | | | |
| 0.5 ... 1 | 20 ... 18 | 2.80 | C-SCF 1/2,8 x 0,5 | 3240152 | Silver |
| 0.5 ... 1 | 20 ... 18 | 2.80 | C-SCF 1/2,8 x 0,8 | 3240153 | Silver |
| 0.5 ... 1.5 | 20 ... 16 | 4.80 | C-SCF 1,5/4,8 x 0,5 | 3240154 | Silver |
| 0.5 ... 1.5 | 20 ... 16 | 4.80 | C-SCF 1,5/4,8 x 0,8 | 3240155 | Silver |
| 0.5 ... 1.5 | 20 ... 16 | 6.30 | C-SCF 1,5/6,3 x 0,8 | 3240156 | Silver |
| 1.5 ... 2.5 | 16 ... 14 | 4.80 | C-SCF 2,5/4,8 x 0,5 | 3240157 | Silver |
| 1.5 ... 2.5 | 16 ... 14 | 4.80 | C-SCF 2,5/4,8 x 0,8 | 3240158 | Silver |
| 1.5 ... 2.5 | 16 ... 14 | 6.30 | C-SCF 2,5/6,3 x 0,8 | 3240159 | Silver |
| 4 ... 6 | 12 ... 10 | 6.30 | C-SCF 6/6,3 x 0,8 | 3240160 | Silver |

CRIMPFOX – corresponding connectors for the CRIMPFOX series


Ring cable lugs, non-insulated



Ring cable lugs consist of high-quality electrolytic copper with galvanic tin plating for maximum corrosion protection. The crimp zone enables maximum conductor pull-out values and the best properties to be achieved. In accordance with IEC 60947-1-101, the material is copper plated with tin. Temperature range: ... +110°C

| Conductor cross section | | Fork size [mm] | Designation, fork-type cable lug | Order No. | Color |
|-------------------------|-----------|----------------|----------------------------------|-----------|--------|
| [mm ²] | [AWG] | | | | |
| 0.5 ... 1.5 | 20 ... 16 | 3.20 | C-FC 1,5/M3 | 3240137 | Silver |
| 0.5 ... 1.5 | 20 ... 16 | 3.70 | C-FC 1,5/M3,5 | 3240138 | Silver |
| 0.5 ... 1.5 | 20 ... 16 | 4.30 | C-FC 1,5/M4 | 3240139 | Silver |
| 0.5 ... 1.5 | 20 ... 16 | 5.30 | C-FC 1,5/M5 | 3240140 | Silver |
| 0.5 ... 1.5 | 20 ... 16 | 6.40 | C-FC 1,5/M6 | 3240141 | Silver |
| 1.5 ... 2.5 | 16 ... 14 | 3.20 | C-FC 2,5/M3 | 3240142 | Silver |
| 1.5 ... 2.5 | 16 ... 14 | 3.70 | C-FC 2,5/M3,5 | 3240143 | Silver |
| 1.5 ... 2.5 | 16 ... 14 | 4.30 | C-FC 2,5/M4 | 3240144 | Silver |
| 1.5 ... 2.5 | 16 ... 14 | 5.30 | C-FC 2,5/M5 | 3240145 | Silver |
| 1.5 ... 2.5 | 16 ... 14 | 6.40 | C-FC 2,5/M6 | 3240146 | Silver |
| 1.5 ... 2.5 | 16 ... 14 | 8.40 | C-FC 2,5/M8 | 3240147 | Silver |
| 2.6 ... 4 | 12 ... 10 | 4.30 | C-FC 6/M4 | 3240148 | Silver |
| 2.6 ... 4 | 12 ... 10 | 5.30 | C-FC 6/M5 | 3240149 | Silver |
| 2.6 ... 4 | 12 ... 10 | 6.40 | C-FC 6/M6 | 3240150 | Silver |
| 2.6 ... 4 | 12 ... 10 | 8.40 | C-FC 6/M8 | 3240151 | Silver |

Ring cable lugs, non-insulated




Ring cable lugs consist of high-quality electrolytic copper with galvanic tin plating for maximum corrosion protection. The crimp zone enables maximum conductor pull-out values and the best properties to be achieved. In accordance with IEC 60947-1-101, the material is copper plated with tin. Temperature range: ... +110°C. For more information, see the overview on page 32/33 for the CRIMPFOX series.

| Conductor cross section | | Hole Ø [mm] | Designation ring cable lugs | Order No. | Color |
|-------------------------|-----------|-------------|-----------------------------|-----------|--------|
| [mm ²] | [AWG] | | | | |
| 0.5 ... 1 | 20 ... 18 | 2.80 | C-RC 1/M2,5 DIN | 3240069 | Silver |
| 0.5 ... 1 | 20 ... 18 | 3.20 | C-RC 1/M3 DIN | 3240070 | Silver |
| 0.5 ... 1 | 20 ... 18 | 3.70 | C-RC 1/M3,5 DIN | 3240071 | Silver |
| 0.5 ... 1 | 20 ... 18 | 4.30 | C-RC 1/M4 DIN | 3240072 | Silver |
| 0.5 ... 1 | 20 ... 18 | 5.30 | C-RC 1/M5 DIN | 3240073 | Silver |
| 0.5 ... 1 | 20 ... 18 | 6.50 | C-RC 1/M6 DIN | 3240074 | Silver |
| 0.5 ... 1 | 20 ... 18 | 8.40 | C-RC 1/M8 DIN | 3240075 | Silver |
| 1 ... 2.5 | 18 ... 14 | 3.20 | C-RC 2,5/M3 DIN | 3240076 | Silver |
| 1 ... 2.5 | 18 ... 14 | 3.70 | C-RC 2,5/M3,5 DIN | 3240077 | Silver |
| 1 ... 2.5 | 18 ... 14 | 4.30 | C-RC 2,5/M4 DIN | 3240078 | Silver |
| 1 ... 2.5 | 18 ... 14 | 5.30 | C-RC 2,5/M5 DIN | 3240079 | Silver |
| 1 ... 2.5 | 18 ... 14 | 6.50 | C-RC 2,5/M6 DIN | 3240080 | Silver |
| 1 ... 2.5 | 18 ... 14 | 8.40 | C-RC 2,5/M8 DIN | 3240081 | Silver |
| 1 ... 2.5 | 18 ... 14 | 10.50 | C-RC 2,5/M10 DIN | 3240082 | Silver |
| 2.6 ... 6 | 14 ... 10 | 4.30 | C-RC 6/M4 DIN | 3240083 | Silver |
| 2.6 ... 6 | 14 ... 10 | 5.30 | C-RC 6/M5 DIN | 3240084 | Silver |
| 2.6 ... 6 | 14 ... 10 | 6.50 | C-RC 6/M6 DIN | 3240085 | Silver |
| 2.6 ... 6 | 14 ... 10 | 8.40 | C-RC 6/M8 DIN | 3240086 | Silver |
| 2.6 ... 6 | 14 ... 10 | 10.50 | C-RC 6/M10 DIN | 3240087 | Silver |
| 2.6 ... 6 | 14 ... 10 | 13.00 | C-RC 6/M12 DIN | 3240088 | Silver |
| - 10 | - 8 | 5.30 | C-RC 10/M5 DIN | 3240089 | Silver |
| - 10 | - 8 | 6.50 | C-RC 10/M6 DIN | 3240090 | Silver |
| - 10 | - 8 | 8.40 | C-RC 10/M8 DIN | 3240091 | Silver |
| - 10 | - 8 | 10.50 | C-RC 10/M10 DIN | 3240092 | Silver |
| - 10 | - 8 | 13.00 | C-RC 10/M12 DIN | 3240093 | Silver |
| - 16 | - 6 | 5.30 | C-RC 16/M5 DIN | 3240094 | Silver |
| - 16 | - 6 | 6.50 | C-RC 16/M6 DIN | 3240095 | Silver |
| - 16 | - 6 | 8.40 | C-RC 16/M8 DIN | 3240096 | Silver |
| - 16 | - 6 | 10.50 | C-RC 16/M10 DIN | 3240097 | Silver |
| - 16 | - 6 | 13.00 | C-RC 16/M12 DIN | 3240098 | Silver |
| - 25 | - 4 | 5.30 | C-RC 25/M5 DIN | 3240099 | Silver |
| - 25 | - 4 | 6.50 | C-RC 25/M6 DIN | 3240100 | Silver |
| - 25 | - 4 | 8.40 | C-RC 25/M8 DIN | 3240101 | Silver |
| - 25 | - 4 | 10.50 | C-RC 25/M10 DIN | 3240102 | Silver |
| - 25 | - 4 | 13.00 | C-RC 25/M12 DIN | 3240103 | Silver |
| - 25 | - 4 | 17.00 | C-RC 25/M16 DIN | 3240104 | Silver |
| - 35 | - 2 | 6.50 | C-RC 35/M6 DIN | 3240105 | Silver |


MPFOX – corresponding connectors for the CRIMPFOX series

cable lugs, non-insulated



| | Conductor cross section | | Hole Ø [mm] | Designation ring cable lugs | Order No. | Color |
|---|-------------------------|-------|-------------|-----------------------------|-----------|--------|
| | [mm ²] | [AWG] | | | | |
| Manufactured in accordance with DIN 46234 Material: copper Tin-plated Temperature range: ... +110°C Refer to the overview on page 32/33 for suitable tools. | - 50 | - 1/0 | 6.50 | C-RC 50/M6 DIN | 3240110 | Silver |
| | - 50 | - 1/0 | 8.40 | C-RC 50/M8 DIN | 3240111 | Silver |
| | - 50 | - 1/0 | 10.50 | C-RC 50/M10 DIN | 3240112 | Silver |
| | - 50 | - 1/0 | 13.00 | C-RC 50/M12 DIN | 3240113 | Silver |
| | - 50 | - 1/0 | 17.00 | C-RC 50/M16 DIN | 3240114 | Silver |
| | - 70 | - 2/0 | 6.50 | C-RC 70/M6 DIN | 3240115 | Silver |
| | - 70 | - 2/0 | 8.40 | C-RC 70/M8 DIN | 3240116 | Silver |
| | - 70 | - 2/0 | 10.50 | C-RC 70/M10 DIN | 3240117 | Silver |
| | - 95 | - 3/0 | 8.40 | C-RC 95/M8 DIN | 3240120 | Silver |
| | - 95 | - 3/0 | 10.50 | C-RC 95/M10 DIN | 3240121 | Silver |
| | - 95 | - 3/0 | 13.00 | C-RC 95/M12 DIN | 3240122 | Silver |
| | 120 | 250 | 8.40 | C-RC 120/M8 DIN | 3240124 | Silver |
| | 120 | 250 | 10.50 | C-RC 120/M10 DIN | 3240125 | Silver |
| | 120 | 250 | 13.00 | C-RC 120/M12 DIN | 3240126 | Silver |
| | 150 | 300 | 10.50 | C-RC 150/M10 DIN | 3240128 | Silver |
| | 150 | 300 | 13.00 | C-RC 150/M12 DIN | 3240129 | Silver |
| | 150 | 300 | 17.00 | C-RC 150/M16 DIN | 3240130 | Silver |
| | 185 | 350 | 10.50 | C-RC 185/M10 DIN | 3240131 | Silver |
| | 185 | 350 | 13.00 | C-RC 185/M12 DIN | 3240132 | Silver |
| | 185 | 350 | 17.00 | C-RC 185/M16 DIN | 3240133 | Silver |
| | 240 | 500 | 10.50 | C-RC 240/M10 DIN | 3240134 | Silver |
| | 240 | 500 | 13.00 | C-RC 240/M12 DIN | 3240135 | Silver |
| | 240 | 500 | 17.00 | C-RC 240/M16 DIN | 3240136 | Silver |

cable lugs, insulated



| | |
|---|---|
| The insulated ring cable lugs with plastic sleeves feature the "Easy Entry" system. The sleeves are conically tapered to facilitate easy and correct insertion of the conductor. The hard-soldered crimping area guarantees the best mechanical properties and permits horizontal or even vertical crimpings. | Material: copper/tin-plated Flange material: PA/halogen-free Temperature range: -20°C ... +105°C Flammability rating: V2 |
| | The C-RCEI series is equipped with an additional crimp zone for conductor insulation. Refer to the overview on page 32/33 for suitable tools. |

| Conductor cross section | | Hole/fork size [mm] | Ring cable lugs, insulated | | | Fork-type cable lugs, insulated | | |
|-------------------------|-----------|---------------------|----------------------------|---------|-----------|---------------------------------|-----------|--------|
| [mm ²] | [AWG] | | Order No. | Color | Order No. | Color | Order No. | Color |
| 1.5 | 20 ... 16 | 3.2 | C-RCI 1,5/M3 | 3240016 | Red | C-FCI 1,5/M3 | 3240032 | Red |
| 1.5 | 20 ... 16 | 3.7 | C-RCI 1,5/M3,5 | 3240017 | Red | C-FCI 1,5/M3,5 | 3240033 | Red |
| 1.5 | 20 ... 16 | 4.3 | C-RCI 1,5/M4 | 3240018 | Red | C-FCI 1,5/M4 | 3240034 | Red |
| 1.5 | 20 ... 16 | 5.3 | C-RCI 1,5/M5 | 3240019 | Red | C-FCI 1,5/M5 | 3240035 | Red |
| 1.5 | 20 ... 16 | 6.5 | C-RCI 1,5/M6 | 3240020 | Red | C-FCI 1,5/M6 | 3240036 | Red |
| 2.5 | 16 ... 14 | 3.2 | C-RCI 2,5/M3 | 3240021 | Blue | C-FCI 2,5/M3 | 3240037 | Blue |
| 2.5 | 16 ... 14 | 3.7 | C-RCI 2,5/M3,5 | 3240022 | Blue | C-FCI 2,5/M3,5 | 3240038 | Blue |
| 2.5 | 16 ... 14 | 4.3 | C-RCI 2,5/M4 | 3240023 | Blue | C-FCI 2,5/M4 | 3240039 | Blue |
| 2.5 | 16 ... 14 | 5.3 | C-RCI 2,5/M5 | 3240024 | Blue | C-FCI 2,5/M5 | 3240040 | Blue |
| 2.5 | 16 ... 14 | 6.5 | C-RCI 2,5/M6 | 3240025 | Blue | C-FCI 2,5/M6 | 3240041 | Blue |
| 2.5 | 16 ... 14 | 8.5 | C-RCI 2,5/M8 | 3240026 | Blue | | | |
| 6 | 12 ... 10 | 4.3 | C-RCI 6/M4 | 3240027 | Yellow | C-FCI 6/M4 | 3240042 | Yellow |
| 6 | 12 ... 10 | 5.3 | C-RCI 6/M5 | 3240028 | Yellow | C-FCI 6/M5 | 3240043 | Yellow |
| 6 | 12 ... 10 | 6.5 | C-RCI 6/M6 | 3240029 | Yellow | C-FCI 6/M6 | 3240044 | Yellow |
| 6 | 12 ... 10 | 8.5 | C-RCI 6/M8 | 3240030 | Yellow | C-FCI 6/M8 | 3240045 | Yellow |
| 6 | 12 ... 10 | 10.5 | C-RCI 6/M10 | 3240031 | Yellow | | | |
| 0 | - 8 | 5.3 | C-RCI 10/M5 | 3240219 | Red | | | |
| 0 | - 8 | 6.5 | C-RCI 10/M6 | 3240220 | Red | | | |
| 0 | - 8 | 8.4 | C-RCI 10/M8 | 3240221 | Red | | | |

CRIMPFOX – corresponding connectors for the CRIMPFOX series

Ring cable lugs, insulated



The insulated ring cable lugs with plastic sleeves feature the "Easy Entry" system. The sleeves are conically tapered to facilitate easy and correct insertion of the conductor. The hard-soldered crimping area guarantees the best mechanical properties and permits horizontal or even vertical crimpings.

Material: copper/tin-plated
Flange material: PA/halogen-free
Temperature range: -20°C ... +105°C
Flammability rating: V2

The C-RCEI series is equipped with an additional crimp zone for conductor insulation. Refer to the overview on page 32/33 for suitable tools.

| Conductor cross section [AWG] | Hole/fork size [mm] | Ring cable lugs, insulated | Order No. | Color |
|----------------------------------|------------------------|----------------------------|-----------|--------|
| | | | | |
| 16 ... 14 | 4.3 | C-RCEI 2,5/M4 | 3241207 | Blue |
| 16 ... 14 | 5.3 | C-RCEI 2,5/M5 | 3241208 | Blue |
| 16 ... 14 | 6.5 | C-RCEI 2,5/M6 | 3241209 | Blue |
| 16 ... 14 | 8.5 | C-RCEI 2,5/M8 | 3241210 | Blue |
| 12 ... 10 | 5.3 | C-RCEI 6/M5 | 3241211 | Yellow |
| 12 ... 10 | 6.5 | C-RCEI 6/M6 | 3241212 | Yellow |
| 12 ... 10 | 8.5 | C-RCEI 6/M8 | 3241213 | Yellow |
| 12 ... 10 | 10.5 | C-RCEI 6/M10 | 3241214 | Yellow |

Fork-type cable lugs, insulated



Fork-type cable lugs with plastic sleeves feature the "Easy Entry" system. The sleeves are conically tapered to facilitate easy and correct insertion of the conductor. The hard-soldered crimping area guarantees the best mechanical properties and permits horizontal or even vertical crimpings.

Material: copper/tin-plated
Flange material: PA/halogen-free
Temperature range: -20°C ... +105°C
Flammability rating: V2

Refer to the overview on page 32/33 for suitable tools.

| Conductor cross section [mm ²] | Conductor cross section [AWG] | Hole/fork size [mm] | Fork-type cable lugs, insulated | Order No. | Color |
|---|----------------------------------|---------------------|---------------------------------|-----------|--------|
| | | | | | |
| 0.5 ... 1.5 | 20 ... 16 | 3.7 | C-FCI 1,5/M3,5 | 3240033 | Red |
| 0.5 ... 1.5 | 20 ... 16 | 4.3 | C-FCI 1,5/M4 | 3240034 | Red |
| 0.5 ... 1.5 | 20 ... 16 | 5.3 | C-FCI 1,5/M5 | 3240035 | Red |
| 0.5 ... 1.5 | 20 ... 16 | 6.5 | C-FCI 1,5/M6 | 3240036 | Red |
| 1.5 ... 2.5 | 16 ... 14 | 3.2 | C-FCI 2,5/M3 | 3240037 | Blue |
| 1.5 ... 2.5 | 16 ... 14 | 3.7 | C-FCI 2,5/M3,5 | 3240038 | Blue |
| 1.5 ... 2.5 | 16 ... 14 | 4.3 | C-FCI 2,5/M4 | 3240039 | Blue |
| 1.5 ... 2.5 | 16 ... 14 | 5.3 | C-FCI 2,5/M5 | 3240040 | Blue |
| 1.5 ... 2.5 | 16 ... 14 | 6.5 | C-FCI 2,5/M6 | 3240041 | Blue |
| 4 ... 6 | 12 ... 10 | 4.3 | C-FCI 6/M4 | 3240042 | Yellow |
| 4 ... 6 | 12 ... 10 | 5.3 | C-FCI 6/M5 | 3240043 | Yellow |
| 4 ... 6 | 12 ... 10 | 6.5 | C-FCI 6/M6 | 3240044 | Yellow |
| 4 ... 6 | 12 ... 10 | 8.5 | C-FCI 6/M8 | 3240045 | Yellow |

Pin cable lugs with hooks, insulated



Pin cable lugs are made of copper. Grooves are located on the interior area of the lugs for high extraction values and excellent contact properties. Easy and correct insertion with the "Easy Entry" system.

Material: copper/tin-plated

| Conductor cross section [mm ²] | Conductor cross section [AWG] | Pin width [mm] | Designation cable lugs | Order No. | Color |
|---|----------------------------------|----------------|------------------------|-----------|--------|
| | | | | | |
| 0.5 ... 1.5 | 20 ... 16 | 4.60 | C-BCI 1,5/4,6 | 3240568 | Red |
| 1.5 ... 2.5 | 16 ... 14 | 2.80 | C-BCI 2,5/2,8 | 3240046 | Blue |
| 1.5 ... 2.5 | 16 ... 14 | 4.60 | C-BCI 2,5/4,6 | 3240569 | Blue |
| 4 ... 6 | 12 ... 10 | 2.80 | C-BCI 6/2,8 | 3240047 | Yellow |
| 4 ... 6 | 12 ... 10 | 4.60 | C-BCI 6/4,6 | 3240570 | Yellow |

MPFOX – corresponding connectors for the CRIMPFOX series

Insulated flat pin cable lugs, straight, insulated



| Conductor cross section | | Pin dim. [mm] | Pin width [mm] | Designation cable lugs | Order No. | Color |
|-------------------------|-----------|---------------|----------------|------------------------|-----------|--------|
| [mm ²] | [AWG] | | | | | |
| 0.5 ... 1.5 | 20 ... 16 | 19.5 x 2.8 | 2.80 | C-BCSI 1,5/9 x 2,8 | 3240531 | Red |
| 1.5 ... 2.5 | 16 ... 14 | 32 x 4.5 | 2.80 | C-BCSI 2,5/9 x 2,8 | 3240532 | Blue |
| 4 ... 6 | 12 ... 10 | 32 x 4.5 | 2.80 | C-BCSI 6/10 x 2,8 | 3240546 | Yellow |
| 4 ... 6 | 12 ... 10 | 24 x 2.8 | 4.50 | C-BCSI 6/18 x 4,5 | 3240533 | Yellow |

Insulated flat pin cable lugs with plastic coating for easy and safe conductor insertion thanks to "Easy Entry" technology, extended crimping zone for maximum crimping forces, electrolytic tin plating as corrosion protection, and are halogen-free.

Material: copper/tin-plated
Material: PA/halogen-free
Temperature range: -20°C ... +105°C
Pollution rating: V2

See the overview on page 32/33 for crimping tools.

Insulated round pin cable lugs, insulated



| Conductor cross section | | Ø pin [mm] | Designation cable lugs | Order No. | Color |
|-------------------------|-----------|------------|------------------------|-----------|--------|
| [mm ²] | [AWG] | | | | |
| 0.5 ... 1 | 20 ... 16 | 2.00 | C-PCI 1,5/2 | 3240064 | Red |
| 1.5 ... 2.5 | 16 ... 14 | 2.00 | C-PCI 2,5/2 | 3240066 | Blue |
| 4 ... 6 | 12 ... 10 | 2.70 | C-PCI 6/2,7 | 3240068 | Yellow |

Insulated round pin cable lugs with plastic coating for easy and safe conductor insertion thanks to "Easy Entry" technology, extended crimping zone for maximum crimping forces, electrolytic tin plating, and are halogen-free.

Material: copper/tin-plated
Material: PA/halogen-free
Temperature range: -20°C ... +105°C
Pollution rating: V2

See the overview on page 32/33 for crimping tools.

Insulated C-PCEI... pin cable lugs, insulated with additional crimp zone




| Conductor cross section | | Ø pin [mm] | Designation cable lugs | Order No. | Color |
|-------------------------|-----------|------------|------------------------|-----------|--------|
| [mm ²] | [AWG] | | | | |
| 0.5 ... 1 | 20 ... 16 | 2.00 | C-PCEI 1,5/2 | 3241215 | Red |
| 1.5 ... 2.5 | 16 ... 14 | 2.00 | C-PCEI 2,5/2 | 3241216 | Blue |
| 4 ... 6 | 12 ... 10 | 2.70 | C-PCEI 6/2 | 3241217 | Yellow |

Insulated C-PCEI... pin cable lugs have an additional metal sleeve for the insulation of the conductor and insulation are joined together, which increases the crimping resistance and tensile strength.

Material: copper/tin-plated
Material: PA/halogen-free

FOX – corresponding connectors for the CRIMPFOX series

Connectors, fully insulated




| Conductor cross section | | Width [mm] | Designation butt connector | Order No. | Color |
|-------------------------|-----------|------------|----------------------------|-----------|--------|
| [mm²] | [AWG] | | | | |
| 0 ... 1.5 | 20 ... 16 | 4.00 | C-JCI1,5 | 3240061 | Red |
| 1.5 ... 2.5 | 16 ... 14 | 4.50 | C-JCI2,5 | 3240062 | Blue |
| 4 ... 6 | 12 ... 10 | 6.00 | C-JCI6 | 3240063 | Yellow |
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Butt connectors have a notch for exact positioning. They are electrolytically galvanized for corrosion protection.

Coating: tin-plated
 Material: PA/halogen-free
 Temperature range: -20°C ... +105°C
 Flammability rating: V2

Blade connectors, slip-on distributors, and slip-on sleeves, insulated



The insulated slip-on sleeves feature the "Easy Entry" system. The sleeves are conically tapered to facilitate easy and correct insertion of the conductor. An additional metal sleeve guarantees the best mechanical and electrical properties and permits horizontal or even vertical crimpings.

Material: brass
 Coating: tin-plated
 Flange material: PA
 Halogen-free
 Temperature range: -20°C ... +105°C
 Flammability rating: V2

| Conductor cross section [AWG] | Length [mm] | Slip-on sleeves, insulated | Order No. | Color | Slip-on sleeves, fully insulated | Order No. | Color |
|-------------------------------|-------------|----------------------------|-----------|--------|----------------------------------|-----------|--------|
| 20 ... 16 | 2.8 | C-SCFI 1,5/2,8 x 0,5 | 3240048 | Red | C-SCFFI 1,5/2,8 x 0,5 | 3240534 | Red |
| 20 ... 16 | 2.8 | C-SCFI 1,5/2,8 x 0,8 | 3240049 | Red | C-SCFFI 1,5/2,8 x 0,8 | 3240535 | Red |
| 20 ... 16 | 4.8 | C-SCFI 1,5/4,8 x 0,5 | 3240050 | Red | C-SCFFI 1,5/4,8 x 0,5 | 3240536 | Red |
| 20 ... 16 | 4.8 | C-SCFI 1,5/4,8 x 0,8 | 3240051 | Red | C-SCFFI 1,5/4,8 x 0,8 | 3240537 | Red |
| 20 ... 16 | 6.3 | C-SCFI 1,5/6,3 x 0,8 | 3240052 | Red | C-SCFFI 1,5/6,3 x 0,8 | 3240538 | Red |
| 16 ... 14 | 4.8 | C-SCFI 2,5/4,8 x 0,5 | 3240053 | Blue | C-SCFFI 2,5/4,8 x 0,5 | 3240539 | Blue |
| 16 ... 14 | 4.8 | C-SCFI 2,5/4,8 x 0,8 | 3240054 | Blue | C-SCFFI 2,5/4,8 x 0,8 | 3240540 | Blue |
| 16 ... 14 | 6.3 | C-SCFI 2,5/6,3 x 0,8 | 3240055 | Blue | C-SCFFI 2,5/6,3 x 0,8 | 3240547 | Blue |
| 12 ... 10 | 6.3 | C-SCFI 6/6,3 x 0,8 | 3240056 | Yellow | C-SCFFI 6/6,3 x 0,8 | 3240541 | Yellow |

| Conductor cross section [AWG] | Length [mm] | Slip-on blade connector, insulated | Order No. | Color |
|-------------------------------|-------------|------------------------------------|-----------|--------|
| 20 ... 16 | 6.3 | C-SCMI 1,5/6,3 x 0,8 | 3240058 | Red |
| 16 ... 14 | 6.3 | C-SCMI 2,5/6,3 x 0,8 | 3240059 | Blue |
| 12 ... 10 | 6.3 | C-SCMI 6/6,3 x 0,8 | 3240060 | Yellow |

| Conductor cross section [AWG] | Length [mm] | Slip-on distributors, insulated | Order No. | Color |
|-------------------------------|-------------|---------------------------------|-----------|-------|
| 20 ... 16 | 6.3 | C-SCFMI 1,5/6,3 x 0,8 | 3240529 | Red |
| 16 ... 14 | 6.3 | C-SCFMI 2,5/6,3 x 0,8 | 3240530 | Blue |

l and crimp sets

l tool sets, for convenient on-site use, l with cutting, stripping, and testing m the TOOL fox tool range. The are made from robust, hard-wearing



| | | |
|---|--------------------------------|--|
| Order No. | TOOL-KIT STANDARD | 1212422 |
| cutting, stripping, crimping, and consisting of: | CUTFOX 18 | Cable cutter for copper and aluminum up to 18 mm diameter (up to 50 mm ²) |
| | WIREFOX-D 40 | Stripping tool for dismantling cables from 4.5 ... 40 mm in diameter, insulation thickness of up to 4.5 mm |
| | WIREFOX 10 | Automatic stripping pliers for conductors 0.02 ... 10 mm ² |
| | CRIMPFOX 6S-F | Crimping pliers for ferrules 0.5 ... 6 mm ² with self-adjusting die, front conductor entry |
| | SZF 1-0,6X3,5 | Bladed screwdriver |
| | TOOL-KIT STANDARD EMPTY | Tool kit empty, 1212423 |
| assembled according to customer options | TOOL-KIT CUS | 1200085 |
| The CUS tool kit can be assembled according to your specifications in the product area of our website at phoenixcontact.net/products . | | |



| | | |
|---|--------------------------------|---|
| Order No. | CRIMPFOX CENTRUS 6S SET | 1213999 |
| cutting, stripping, and crimping, g of: | CUTFOX 18 | Cable cutter for copper and aluminum up to 18 mm diameter (up to 50 mm ²) |
| | WIREFOX 10 | Stripping pliers, for stripping conductors up to 10 mm ² |
| | CRIMPFOX CENTRUS 6S | Crimping pliers for ferrules 0.14 ... 6 mm ² with self-adjusting die, front conductor entry |
| | AI SORTI BOX RD | Assortment box with ferrules, 50 pcs. each of: AI 0.5-8 WH, AI 2.5-8 BU, 100 pcs. each of: AI 0.75-8 GY, AI 1-8 RD, AI 1.5-8 BK |
| | | TOOL-KIT STANDARD EMPTY |

and crimp sets



| | | |
|--------------------------|--------------------------------|---|
| Order No. | TOOL DATA SET | 1208856 |
| stripping, and crimping, | CUTFOX 12 | Cable cutter for copper and aluminum conductors up to 12 mm in diameter (up to 35 mm ²) |
| | WIREFOX-D 11 | Stripping tool for dismantling signal, control, and fiberglass cables up to 11 mm, insulation thickness of up to 1 mm |
| | CRIMPFOX-M | Basic pliers for accommodating dies for various contact types |
| | CRIMPFOX-M RJ45/DIE | Die for CRIMPFOX-M, for unshielded RJ45 connectors, stackable storage box |
| | TOOL-KIT STANDARD EMPTY | Tool kit empty, 1212423 |



| | | |
|--------------------------|----------------------------|---|
| Order No. | TOOL SET ALLROUND 2 | 1208843 |
| stripping, crimping, and | CUTFOX 12 | Cable cutter for copper and aluminum conductors up to 12 mm in diameter (up to 35 mm ²) |
| | WIREFOX 10 | Automatic stripping pliers for conductors 0.02 ... 10 mm ² |
| | CRIMPFOX 10 S | Crimping pliers for ferrules 0.14 ... 10 mm ² with self-adjusting die |



| | | |
|--------------------------|----------------------------|---|
| Order No. | TOOL SET ALLROUND 3 | 1208953 |
| stripping, crimping, and | WIREFOX 10 | Automatic stripping pliers for conductors 0.02 ... 10 mm ² |

l and crimp sets

ool case for carrying and wearing.
e features a wide selection of high-
ools from the TOOL fox tool range. It
le and has a business card pocket.



| Order No. | TOOL-CASE | 1212629 |
|--|--|---|
| e, lockable, with adjustable strap, l with each of the following tools: | CUTFOX 12 | Cable cutter for copper and aluminum conductors up to 12 mm in diameter (up to 35 mm ²) |
| | CUTFOX-S VDE | Diagonal cutter for copper and aluminum conductors, VDE-tested |
| | MICROFOX-SB | Electronic diagonal cutter |
| | WIREFOX 10 | Automatic stripping pliers for conductors 0.02 ... 10 mm ² |
| | WIREFOX-D 13 | Stripping tool, for stripping cables from 8 ... 13 mm |
| | WIREFOX-D 28 | Stripping tool for stripping cables from 8 ... 28 mm |
| | WIREFOX-D 11 | Stripping tool for dismantling signal, control, and fiberglass cables up to 11 mm, insulation thickness of up to 1 mm |
| | CRIMPFOX-M SET | Crimping pliers set for ferrules and insulated and non-insulated cable lugs |
| | CRIMPFOX-M RCI 6/DIE | Die for CRIMPFOX-M, for non-insulated cable lugs, stackable storage box |
| | UNIFOX-C VDE | Combination pliers, VDE version |
| | UNIFOX-P VDE | Needle-nose pliers, VDE version |
| | UNIFOX-WP | Water pump pliers |
| | Screwdriver set slotted | SZS 0,4 x 2,5/0,5 x 3,0/1,0 x 4,0/1,0 x 6,5, VDE version |
| | Screwdriver set crosshead | Screwdriver, for Phillips Recess screws, sizes: 0/1/2, VDE version |
| | THEX screwdriver set | SF-THEX 2.5-100/3-100/4-150/5-150, non-insulated |
| | SF-SOCKET SET 47 | 47-part 1/4" socket tray |
| | Voltage tester | Voltage tester for DC and AC voltages from 12 V to 1000 V AC/1100 V DC, IP65 |
| | USS 4 | Control cabinet key metal, for all common control cabinets |
| | AI SORTI BOX RD | Assortment box with ferrules, 50 pcs. each of: AI 0.5-8 WH, AI 2.5-8 BU, 100 pcs. each of: AI 0.75-8 GY, AI 1-8 RD, AI 1.5-8 BK |
| | AI-TWIN SORTI BOX BU | Assortment box with TWIN ferrules, 50 pcs. each of: AI-TWIN 2 0.5-8 WH, AI-TWIN 2 x 0.75-8 GY, AI-TWIN 2 x 1-8 RD, AI-TWIN 2 x 1.5-8 BK, 25 pcs. each of: AI-TWIN 2 x 2.5-10 BU |
| | Cutter knife | With segment blades |
| | Measuring tape | 5 m inch/metric |
| | Accessories | Safety glasses, hammer 300 g, continuity tester, scriber, combination wrench set 5 ... 22 mm, adjustable wrench < 30 mm |
| | TOOL-CASE EMPTY | Tool case, lockable, with elasticated straps to hold tools in place, empty, 1212628 |
| e, assembled according to customer ions | TOOL-CASE CUS | 1200072 |
| | The CUS tool case can be assembled according to your specifications in the product area of our website at phoenixcontact.net/products . | |

and crimp sets

crimp set in a robust metal
with ferrules and tools for
to 6 mm². The ferrules are
in accordance with DIN 46228-4
UL and CSA-certified.



| | | |
|-----------|-----------------------------|---|
| Order No. | CRIMPSET 6 | 1202072 |
| | QUICK WIREFOX 6 | Stripping tool for cables and conductors up to 6 mm ² |
| | CRIMPFOX 6T | Crimping pliers with integrated pressure lock for ferrules between 0.25 ... 6 mm ² , front insertion |
| | Ferrules, 500 pcs. each of: | Al 0,25-6 YE; Al 0,34-6 TQ; Al 0,5-8 WH; Al 0,75-8 GY; Al 1-8 RD; Al 1,5-8 BK |
| | 300 pcs. ferrules | Al 2,5-8 BU |
| | 200 pcs. ferrules | Al 4-10 GY |
| | 100 pcs. ferrules | Al 6-12 YE |
| | CRIMPSET 6/25 LEER | 1204041 |

crimp set in a robust metal
with ferrules and tools
from 10 ... 16 mm². The
manufactured in accordance
with DIN 46228-4 and UL 486F. UL and



| | | |
|-----------|---------------------------|---|
| Order No. | CRIMPSET 25 | 1202580 |
| | WIREFOX-D 40 | Stripping tool for stripping cables from 4.5 ... 40 mm in diameter |
| | CRIMPFOX 25R | Crimping pliers with integrated pressure lock for ferrules from 10 - 25 mm ² , lateral entry |
| | 300 pcs. ferrules | Al 10-12 RD |
| | 200 pcs. ferrules | Al 16-12 BU |
| | 100 pcs. ferrules | Al 25-16 YE |
| | CRIMPSET 6/25 LEER | 1204041 |



| | | |
|-----------|-----------------------------|----------------|
| Order No. | AI SORTI BOX RD | 3202960 |
| | AI-TWIN SORTI BOX BU | 3202986 |
| | AI-TWIN SORTI BOX GY | 3202999 |
| | AI SORTI BOX ANT | 3202973 |

Sortiment boxes and fitting
www.phoenixcontact.net/catalog.

Tool sets

Tool sets, for convenient on-site use, equipped with a selection of products from the UNIFOX tool range. The pockets are made from robust and hard-wearing material. Includes business card pocket.



| Order No. | TOOL-WRAP | 1212505 |
|-----------|------------------------|--|
| | CUTFOX 16 VDE | Cable cutter for copper and aluminum conductors, VDE-tested |
| | CUTFOX-S VDE | Diagonal cutter for copper and aluminum conductors, VDE-tested |
| | SZK PH0 | Screwdriver, for Phillips Recess screws, size: 0 |
| | SZK PH1 | Screwdriver, for Phillips Recess screws, size: 1 |
| | SZK PH2 | Screwdriver, for Phillips Recess screws, size: 2 |
| | SZS 0,4 x 2,5 | Screwdriver, bladed, blade: 0.4 x 2.5 x 80 mm, length: 161 mm |
| | SZS 0,5 x 3,0 | Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm |
| | SZS 1,0 x 4,0 | Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm |
| | SZS 1,0 x 6,5 | Screwdriver, bladed, blade: 1.0 x 6.5 x 150 mm, length: 248 mm |
| | UNIFOX-C VDE | Combination pliers, VDE version |
| | UNIFOX-P VDE | Needle-nose pliers, VDE version |
| | Voltage tester | Voltage tester for DC and AC voltages from 12 V to 1000 V AC/1100 V DC, IP65 |
| | TOOL-WRAP EMPTY | Tool wrap empty, 1212501 |

Tool wrap, assembled according to customer requirements

| Order No. | TOOL-WRAP CUS | 1200083 |
|-----------|---------------|---------|
|-----------|---------------|---------|

The CUS tool wrap can be put together according to your requirements in the product area on our website at phoenixcontact.net/products.

Sturdy and padded tool bag for wearing. Thanks to the tool compartments in the front and back, it is equipped with a laptop compartment pocket. Made from hard-wearing material. Includes business card pocket.



| Order No. | TOOL-BAG | 1212504 |
|-----------|-----------------|---|
| | AI SORTI BOX RD | Assortment box with ferrules, 50 pcs. each of: AI 0.5-8 WH, AI 2.5-8 BU, 100 pcs. each of: AI 0.75-8 GY, AI 1-8 RD, AI 1.5-8 BK |
| | CRIMPFOX-M SET | Crimping pliers set for ferrules and insulated and non-insulated cable lugs |
| | CUTFOX 25 VDE | Cable cutter for copper and aluminum conductors, VDE-tested |
| | CUTFOX-S VDE | Diagonal cutter for copper and aluminum conductors, VDE-tested |
| | SZK PH0 | Screwdriver, for Phillips Recess screws, size: 0 |
| | SZK PH1 | Screwdriver, for Phillips Recess screws, size: 1 |
| | SZK PH2 | Screwdriver, for Phillips Recess screws, size: 2 |
| | SZS 0,4 x 2,5 | Screwdriver, bladed, blade: 0.4 x 2.5 x 80 mm, length: 161 mm |
| | SZS 0,5 x 3,0 | Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm |
| | SZS 1,0 x 4,0 | Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm |
| | SZS 1,0 x 6,5 | Screwdriver, bladed, blade: 1.0 x 6.5 x 150 mm, length: 248 mm |
| | UNIFOX-C VDE | Combination pliers, VDE version |
| | UNIFOX-P VDE | Needle-nose pliers, VDE version |
| | UNIFOX-WP | Water pump pliers |
| | USS 4 | Control cabinet key in metal, for all common control cabinets |
| | WIREFOX 10 | Automatic stripping pliers for conductors 0.02 ... 10 mm ² |
| | WIREFOX D 10 | Automatic stripping pliers for conductors 1.5 ... 10 mm ² |

ets

ets, for convenient on-site use, cutting, stripping, and testing TOOL fox tool range. The made from robust and hard-al. With business card pocket.



| | | |
|-------------------------------------|---------------------------|--|
| Order No. | TOOL-CARRIER | 1212503 |
| Equipped with each of the following | CRIMPFOX-M | Basic pliers, for accommodating dies for various contact types |
| | CRIMPFOX-M 10/DIE | Die, for CRIMPFOX-M, for 0.25 ... 10 mm ² ferrules, stackable storage box |
| | CUTFOX 18 | Cable cutter for copper and aluminum conductors |
| | CUTFOX-S VDE | Diagonal cutter for copper and aluminum conductors, VDE-tested |
| | SZK PH0 | Screwdriver, for Phillips Recess screws, size: 0 |
| | SZK PH1 | Screwdriver, for Phillips Recess screws, size: 1 |
| | SZK PH2 | Screwdriver, for Phillips Recess screws, size: 2 |
| | SZS 0,4X2,5 | Screwdriver, bladed, blade: 0.4 x 2.5 x 80 mm, length: 161 mm |
| | SZS 0,5X3,0 | Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm |
| | SZS 1,0X4,0 | Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm |
| | SZS 1,0X6,5 | Screwdriver, bladed, blade: 1.0 x 6.5 x 150 mm, length: 248 mm |
| | UNIFOX-CE VDE | Combination pliers, angled, VDE version |
| | UNIFOX-P VDE | Needle-nose pliers, VDE version |
| | UNIFOX-WP | Water pump pliers |
| | USS 4 | Control cabinet key in metal, for all common control cabinets |
| | WIREFOX 10 VDE | Stripping pliers, for stripping conductors up to 10 mm ² |
| | WIREFOX-D 13 | Stripping tool, for stripping cables from 8 ... 13 mm |
| | WIREFOX-D 28 | Stripping tool, for stripping cables from 8 ... 28 mm |
| | Voltage tester | Voltage tester for DC and AC voltages from 12 V to 1000 V AC/1100 V DC, IP65 |
| | Cutter knife | With segment blade |
| Measuring tape | 5 m inch/metric | |
| | TOOL-CARRIER EMPTY | Tool bag, empty, 1212499 |
| Assembled according to customer | TOOL-CARRIER CUS | 1200082 |

The CUS tool bag can be assembled according to your specifications in the product area of our website at phoenixcontact.net/products.

uch has multiple pockets for the tools. With business card



| | | | |
|---|-----------------------|---|--|
| Order No. | TOOL-BELTPOUCH | 1212506 | |
| Equipped with one of each of the following tools: | CUTFOX 18 | Cable cutter for copper and aluminum conductors up to 18 mm in diameter (up to 50 mm ²) | |
| | CUTFOX-S VDE | Diagonal cutter for copper and aluminum conductors, VDE-tested | |
| | Voltage tester | Voltage tester for DC and AC voltages from 12 V to 1000 V AC/1100 V DC, IP65 | |
| | SZK PH1 | Screwdriver, for Phillips Recess screws, size: 1 | |
| | SZK PH2 | Screwdriver, for Phillips Recess screws, size: 2 | |
| | SZS 0,5 x 3,0 | Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm | |
| | SZS 1,0 x 4,0 | Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm | |
| | SZS 1,0 x 5,5 | Screwdriver, bladed, blade: 1.0 x 5.5 x 125 mm, length: 223 mm | |
| | UNIFOX-CE VDE | Combination pliers, angled, VDE version | |
| | USS 4 | Control cabinet key in metal, for all common control cabinets | |
| | WIREFOX-D 13 | Stripping tool, for stripping cables from 8 ... 13 mm | |
| | Cutter knife | With segment blade | |
| | Measuring tape | 5 m inch/metric | |
| | | TOOL-BELTPOUCH EMPTY | Tool bag, empty, 1212506 |

Screwdrivers and torque

Screwdrivers

REWFOX

Phoenix Contact screwdrivers are tailored for a wide variety of different screws.

This is particularly true of the products in the terminal block range. Ergonomically designed handles mean that the required torque is transferred with a reasonable amount of force. Adjustable torque and precision screwdrivers complete the product range.

Economic and durable

Whether bits, screwdrivers with a wide range of drives and sizes, cordless screwdrivers or manual torque screwdrivers – Phoenix Contact has the right screwdriver tool for you.

Durable, thanks to specially hardened and tempered blades

High torque transmission, thanks to the special two-component handle geometry

Solid, thanks to high-quality components and new materials





Force transmission
 The ergonomic design ensures an optimum grip and support for the hand.



Precise torque
 The finely adjustable torque enables optimum adaptation to various screw sizes and ensures consistent results.



Cordless screwdrivers
 The SF-ASD 21 high-precision cordless torque screwdriver is the ideal one-hand tool for server racks.




REWFOX screwdriver tools

Screwdrivers

Screwdriver tools are equipped with ergonomic two-component handles. They enable effortless working, while transmitting maximum power and thereby ensuring a secure hold. Optimum blade shapes guarantee a secure hold in the screw and prevent slipping. The hexagon on the handle prevents rolling away. Insulated screwdriver tools are unit-tested and offer high security when working with live parts up to 1000 V AC/1500 V DC.

Insulated VDE versions have insulation that runs into the shaft. Since there is no metal on the shaft, even deeper lying screws can be reached with ease.

SLIC... screwdriver tools are supplied with an impact cap and a wrench aid.

| | |  | |  1000 V AC/ 1500 V DC | |  1000 V AC/ 1500 V DC | |
|----------------|-------------------|---|-----------|--|-----------|--|-----------|
| | | Not insulated | Insulated | Insulated, slender design | | | |
| | | Type | Order No. | Type | Order No. | Type | Order No. |
| | Blade: | | | | | | |
| | 0.4 x 2.0 mm | SF-SL 0,4X2,0-60 | 1212546 | SZS 0,4X2,5 VDE | 1205037 | | |
| | 0.4 x 2.5 mm | SF-SL 0,4X2,5-75 | 1212547 | SZS 0,5X3,0 VDE | 1207404 | | |
| | 0.5 x 3.0 mm | SF-SL 0,5X3,0-80 | 1212548 | SZS 0,6X2,5 VDE | 1205040 | | |
| | 0.6 x 2.5 mm | | | SZS 0,6X3,5 VDE | 1212602 | SF-SL 0,6X3,5-100 S VDE | 1212587 |
| | 0.6 x 3.5 mm | SF-SL 0,6X3,5-100 | 1212549 | | | | |
| | 0.6 x 3.5 mm | SF-SL 0,6X3,5-200 | 1212550 | SZS 0,8X4,0 VDE | 1212508 | SF-SL 0,8X4,0-100 S VDE | 1212588 |
| | 0.8 x 4.0 mm | SF-SL 0,8X4,0-100 | 1212551 | SZS 1,0X4,0 VDE | 1205066 | | |
| | 1.0 x 4.0 mm | | | SZS 1,0X5,5 VDE | 1209114 | SF-SL 1,0X5,5-125 S VDE | 1212589 |
| | 1.0 x 5.5 mm | SF-SL 1,0X5,5-150 | 1212552 | SZS 1,0X6,5 VDE | 1205079 | | |
| | 1.0 x 6.5 mm | | | | | | |
| | 1.2 x 6.5 mm | SF-SL 1,2X6,5-150 | 1212553 | SZS 1,2X8,0 VDE | 1205082 | | |
| | 1.2 x 8.0 mm | | | SF-SLIC 1,2X7,0-125 | 1212554 | | |
| | 1.2 x 7.0 mm | | | SF-SLIC 1,6X10,0-175 | 1212555 | | |
| | 1.6 x 10.0 mm | | | | | | |
| PH | | | | | | | |
| | PH0 x 60 mm | SF-PH 0-60 | 1212558 | SZK PH0 VDE | 1205147 | | |
| | PH0 x 80 mm | | | SZK PH1 VDE | 1205150 | SF-PH1-80 S VDE | 1212693 |
| | PH1 x 80 mm | SF-PH 1-80 | 1212559 | SZK PH2 VDE | 1205163 | SF-PH2-100 S VDE | 1212694 |
| | PH2 x 100 mm | SF-PH 2-100 | 1212560 | SZK PH3 VDE | 1212536 | | |
| | PH3 x 150 mm | SF-PH 3-150 | 1212561 | | | | |
| PZ | | | | | | | |
| | PZ0 x 60 mm | SF-PZ 0-60 | 1212562 | SZK PZ0 VDE | 1206447 | | |
| | PZ0 x 80 mm | | | SZK PZ1 VDE | 1206450 | SF-PZ1-80 S VDE | 1212695 |
| | PZ1 x 80 mm | SF-PZ 1-80 | 1212563 | SZK PZ2 VDE | 1206463 | SF-PZ2-100 S VDE | 1212696 |
| | PZ2 x 100 mm | SF-PZ 2-100 | 1212564 | SZK PZ3 VDE | 1212599 | | |
| | PZ3 x 150 mm | SF-PZ 3-150 | 1212565 | | | | |
| Plus PH | | | | | | | |
| | PH1 x 80 mm | | | SF-PHSL 1-80 VDE | 1212283 | SF-PHSL 1-80 S VDE | 1212697 |
| | PH2 x 100 mm | | | SF-PHSL 2-100 VDE | 1212288 | SF-PHSL 2-100 S VDE | 1212698 |
| Plus PZ | | | | | | | |
| | PZ1 x 80 mm | | | SF-PZSL 1-80 VDE | 1212556 | SF-PZSL 1-80 S VDE | 1212699 |
| | PZ2 x 100 mm | | | SF-PZSL 2-100 VDE | 1212557 | SF-PZSL 2-100 S VDE | 1212700 |
| TX | | | | | | | |
| | TX(H) 8 x 60 mm | SF-TXH 8X60 | 1200148 | SF-TX 8X80 VDE | 1200155 | | |
| | TX(H) 8 x 80 mm | | | SF-TX 10X80 VDE | 1200156 | | |
| | TX(H) 10 x 80 mm | SF-TXH 10X80 | 1200149 | SF-TX 15X80 VDE | 1200157 | | |
| | TX(H) 15 x 80 mm | SF-TXH 15X80 | 1200150 | SF-TX 20X80 VDE | 1200158 | | |
| | TX(H) 20 x 80 mm | | | | | | |
| | TX(H) 20 x 100 mm | SF-TXH 20X100 | 1200151 | SF-TX 25X100 VDE | 1200159 | | |
| | TX(H) 25 x 100 mm | SF-TXH 25X100 | 1200152 | SF-TX 30X100 VDE | 1200160 | | |
| | TX(H) 30 x 100 mm | | | | | | |
| | TX(H) 30 x 115 mm | SF-TXH 30X115 | 1200153 | | | | |
| | TX(H) 40 x 130 mm | SF-TXH 40X130 | 1200154 | | | | |

Insulated SF-TXH versions should be used for security screws and screws with a hexagonal head as standard screws.

WFOX screwdriver tools

Screwdrivers for actuating spring-cage and fast connection terminal blocks

In their standard application, these screwdrivers are particularly suited to actuating terminal blocks of the PT..., ST... and QTC... series. The defined length of the spring terminal block as far as possible without leaving any damage.

The curved versions are ideal for use in narrow



| | Order No. | Non-insulated | Insulated | Insulated/angled |
|-------|-----------|--|--|--|
| 5 mm | | SZF 0-0,4X2,5 1204504 | | ST-BW-0 1200135 |
| 6 mm | | SZF 1-0,6X3,5 1204517 | SZS 0,6 x 3,5 1205053 | ST-BW 1207608 |
| 8 mm | | SZF 2-0,8X4,0 1204520 | | |
| 10 mm | | SZF 3-1,0X5,5 1206612 | | |

Voltage tester single position

AC voltage tester, slotted, AC



| Order No. | SF-VT VDE | 1212598 |
|-----------|-----------|-------------------------|
|-----------|-----------|-------------------------|

Hexagonal socket wrenches and screwdrivers

Tools for tightening hexagonal screws and nuts. The ergonomically designed handles ensure precise work.



| | Order No. | Hexagonal socket wrench |
|-------|-----------|--|
| 5 mm | | SHN 5.5 1209855 |
| 8 mm | | SHN 8 1209868 |
| 13 mm | | SHN 13 1209923 |



Screwdrivers for Allen screws remain safely in place with the ergonomically designed handles and work precisely.





| | Order No. | Allen key |
|--------|-----------|--|
| 2 mm | | SF-THEX 2-100 1212637 |
| 2.5 mm | | SF-THEX 2,5-100 1212638 |
| 3 mm | | SF-THEX 3-100 1212639 |
| 4 mm | | SF-THEX 4-150 1212640 |
| 5 mm | | SF-THEX 5-150 1212641 |
| 6 mm | | SF-THEX 6-200 1212642 |
| 8 mm | | SF-THEX 8-200 1212643 |

REWFOX screwdriver tools




Hexagonal socket wrenches and screwdrivers

| | | | |
|--|---|---|------------------------|
| <p>Screwdriver set, metric, 9-part, in practical holder with ball head, matt chrome-plated with ball head from TX 15, phosphate coated</p> |  |  | |
| | <p>Order No. Allen key set</p> | <p>SF-LHEX SET 1212544</p> | <p>Torx set</p> |
| <p>1, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10</p> | | | |
| <p>8, 9, 10, 15, 20, 25, 27, 30, 40</p> | | <p>SF-LTX SET 1200162</p> | |

21V cordless screwdrivers

| | | | |
|--|--|---|--|
| <p>21V cordless screwdriver features the following: left rotation speed gear torque clutch with drilling setting up to 600 rpm hexagonal fast connection drill chuck torque repeat accuracy</p> |  |  | |
| | <p>Order No. SF-ASD 21 1212532</p> | <p>SF-ASD 21 SET 230V 1212530</p> | |
| <p>Adjustable from 0.3 ... 4.4 Nm, incl. 1.2 Ah battery pack</p> | | <p>Consisting of: torque cordless screwdriver incl. two batteries, 230 V charger, bits and user manual, aluminum case</p> | |
| <p>Accessories</p> | | | |
| <p>Replacement charger</p> | <p>SF-ASD 21/CHARGER 230 V 1212535</p> | | |
| <p>Replacement battery</p> | <p>SF-ASD 21/ACCU 1,5 AH 1212533</p> | | |

High torque screwdrivers with hexagonal fast connection holder

| | | | | |
|---|---|---|---|--|
| <p>High-precision, finely adjustable torque screwdrivers in accordance with EN ISO 6789 are optimally tailored to Contact products with a screw connection.</p> |  |  |  | |
| | <p>Order No. TSD-M 1,2NM 1212224</p> | <p>TSD-M 3NM 1212225</p> | <p>TSD-M 6NM 1212226</p> | |
| <p>0.3 ... 1.2 Nm</p> | | <p>1.2 ... 3.0 Nm</p> | <p>3.0 ... 6.0 Nm</p> | |
| <p>Accessories</p> | | | | |
| <p>Drill bit insert</p> | <p>TSD-M SAC-BIT ADAPTER 1212600</p> | <p>TSD-M SAC-BIT ADAPTER 1212600</p> | <p>TSD-M SAC-BIT ADAPTER 1212600</p> | |










High torque screwdriver with 1/4" quick-action chuck and long handle is suitable for bits in accordance with EN ISO 6789-6:2013 and E 6.3/ISO 1173.



WFOX screwdriver tools

Bits for cordless screwdrivers and bit handles

bits are suitable for hard and soft screws.
geometries increase the bearing surface
screws from being over-tightened.

| | | | |
|--|---|---|--|
| |  |  | |
| Order No. | | | |
| 50 mm | SF-BIT-SL 0,5X3,0-50 | 1212566 | |
| 70 mm | SF-BIT-SL 0,5X3,0-70 | 1212567 | |
| 50 mm | SF-BIT-SL 0,6X3,5-50 | 1212568 | |
| 70 mm | SF-BIT-SL 0,6X3,5-70 | 1212569 | |
| 50 mm | SF-BIT-SL 0,8X4,0-50 | 1212571 | |
| 70 mm | SF-BIT-SL 0,8X4,0-70 | 1212572 | |
| 50 mm | SF-BIT-SL 1,0X5,5-50 | 1212574 | |
| 70 mm | SF-BIT-SL 1,0X5,5-70 | 1212575 | |
| 70 mm | SF-BIT-SL 1,2X6,5-70 | 1212577 | |
| 50 mm for test sockets | | | SF-BIT-SLS 0,6X3,5-50 1212605 |
| 50 mm for test sockets | | | SF-BIT-SLS 0,9X6,5-50 1212606 |
| |  |  | |
| Order No. | | | |
| n | SF-BIT-PH 1-50 | 1212579 | SF-BIT-PZ 1-50 1212591 |
| n | SF-BIT-PH 2-50 | 1212580 | SF-BIT-PZ 2-50 1212592 |
| n | SF-BIT-PH 3-50 | 1212581 | SF-BIT-PZ 3-50 1212593 |
| n | SF-BIT-PH 1-70 | 1212582 | SF-BIT-PZ 1-70 1212594 |
| n | SF-BIT-PH 2-70 | 1212583 | SF-BIT-PZ 2-70 1212595 |
| n | SF-BIT-PH 3-70 | 1212584 | SF-BIT-PZ 3-70 1212596 |
| profile combination of slotted head and crew connections on fuse boxes, relays, es, etc. |  |  | |
| Order No. | | | |
| n | SF-BIT-PHSL 1-70 | 1212479 | SF-BIT-PZSL 1-70 1212603 |
| n | SF-BIT-PHSL 2-70 | 1212601 | SF-BIT-PZSL 2-70 1212604 |
| |  |  |  |
| Order No. | | | |
| n/2 x 89 mm | | SF-BIT-HEX 2-50 | 1212645 |
| n/2.5 x 89 mm | | SF-BIT-HEX 2,5-50 | 1212646 |
| n/3 x 89 mm | | SF-BIT-HEX 3-50 | 1212647 |
| n/4 x 89 mm | | SF-BIT-HEX 4-50 | 1212648 |
| n | | SF-BIT-HEX 5-50 | 1212649 |
| n | | SF-BIT-HEX 6-50 | 1212650 |
| n | SF-BIT-TX 8-50 | 1212570 | SF-BIT-HEX 2-89 S 1200300 |
| n | SF-BIT-TX 10-50 | 1212573 | SF-BIT-HEX 2,5-89 S 1200301 |
| m | SF-BIT-TX 15-50 | 1212576 | SF-BIT-HEX 3-89 S 1200302 |
| | | | SF-BIT-HEX 4-89 S 1200303 |

REWFOX screwdriver tools

Hexagonal torque screwdrivers with preset torque

Hexagonal 4 mm torque screwdrivers are ideal for tightening pressure nuts and sensor/actuator cables of control boxes.



| Order No. | | Accessories: nuts for | | |
|-------------------------|-------------------|-------------------------|---|---|
| Hexagonal, 4 mm, 0.2 Nm | TSD 02 SAC | 1208487 | M8 SAC cable/connector with QUICKON connection | SAC BIT M8-D10 1208461 |
| | | | M8 connector, for assembly | SACC BIT M8-D12 1208474 |
| Hexagonal, 4 mm, 0.4 Nm | TSD 04 SAC | 1208429 | M12 SAC cable/connector with QUICKON connection | SAC BIT M12-D15 1208432 |
| | | | M12 connector, for assembly | SACC BIT M12-D20 1208445 |
| | | | M12 SAC cable/connector, hexagonal knurl | SAC BIT M12-W14 1212513 |
| Hexagonal, 4 mm, 0.8 Nm | TSD 08 SAC | 1212597 | M12 connector, for assembly | SACC BIT M12-D20 1208445 |
| | | | Pressure nuts, wrench size: 13 mm | SAC BIT QUICKON-W13 1212033 |
| | | | 7/8" SAC cable/connector | SAC BIT MIN-D25 1212512 |
| Hexagonal, 4 mm, 2.0 Nm | TSD 20 SAC | 1212020 | Pressure nuts, wrench size: 13 mm | SAC BIT QUICKON-W13 1212033 |
| Hexagonal, 4 mm, 2.5 Nm | TSD 25 SAC | 1212315 | Pressure nuts, wrench size 24 mm | SAC BIT HOOD-W24 1212486 |

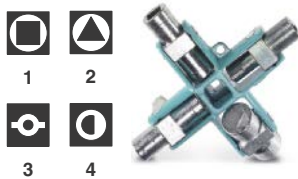
Control cabinet keys

Control cabinet key with five closures:
8 mm square,
11 mm triangle,
11 mm two-way key bit



Order No. **USS 4** [1203149](#)

Control cabinet key with strong chain and snap
nine closures:
8, 9 10 mm square,
10 11 mm triangle,
11 mm two-way key bit, 6 mm semicircle



Order No. **SF-CCK 9** [1212525](#)

Socket wrench set

Socket wrench set 1/4", 47-part, 1/4" reversible
48 teeth with fast locking systems, 1/4" extensions
and 100 mm, 1/4" screw handle, 1/4" flexible
extension 150 mm, 1/4" Kardan joint, 1/4" T-handle
bit adapter, 13 knurled 1/4" sockets, wrench size:
5/16/7/8/9/10/11/12/13/14 mm, 21 knurled socket
Torx® T10, T15, T20, T25, T30, T40, 6 x Hex
7, 8 mm, 3 x Phillips Recess® PH1, PH2, PH3,
Driv® PZ1, PZ2, PZ3, 3 x slotted 4, 5.5, 7 mm,
wrench Hex 1.27, 1.5, 2, 2.5 mm, breakage and
resistant plastic case with metal fastening.



Order No. **SF-SOCKET SET 47** [1200292](#)

WFOFOX screwdriver tools

Driver and bit sets

Screwdriver sets are available with a variety of contents. They are supplied including a holder for mounting on the wall.



Order No.

Set, slotted/crosshead Phillips Recess®, 6-piece, incl. rack, contents: 0.5 x 3.0 x 80; 1.0 x 5.5 x 150; 1.2 x 6.5 x 150, PH 1, PH 2

SF-SL/PH SET

1212541

Set, slotted/crosshead Pozidriv®, 6-piece, incl. rack, contents: 0.5 x 3.0 x 80; 1.0 x 5.5 x 150; 1.2 x 6.5 x 150, PZ 1, PZ 2

SF-SL/PZ SET

1212542

Set, slotted/crosshead Pozidriv® VDE-insulated, 6-piece, incl. rack, contents: 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; PZ 1, PZ 2

SF-SL/PZ SET VDE

1212540

Set, slotted/crosshead Phillips Recess®, VDE-insulated, 6-piece, incl. rack
0.5 x 3.0 x 80; 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; PH 1, PH 2

SF-SL/PH SET VDE

1212539

Set, protective insulation integrated in the shaft, slotted/crosshead Phillips/combined
® + slotted (plus/minus), VDE-insulated, 7-piece, incl. rack
0.5 x 3.0 x 80; 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; PH1 x 80; PH2 x 100; PZ1 x 80;

SF-SL/PH/PZ-SL SET S-VDE

1212701

Set, Torx® with drill bit, 6-piece, incl. rack, contents: TX 8 x 60; TX 10 x 80; TX 12 x 100; TX 25 x 100; TX 30 x 115

SF-THX SET

1212538

Set, Torx®, VDE-insulated, 6-piece, incl. rack, contents: TX 8 x 80; TX 10 x 80; TX 12 x 100; TX 25 x 100; TX 30 x 100

SF-TX SET VDE

1212537

The quick change bit holder comes in a compact plastic box that allows for structured access. The hardened bits ensure durability.



Order No.

Quick-UBH universal bit holder, 25 mm long slotted/crosshead (PZ and PH) bits, 10-piece

SF-BIT SET

1212545

The belt pouch has all common bits in a compact form, giving you quick access to the right bit in any situation.



Order No.

Driver set with quick-action chuck, 89 mm long slotted/crosshead (PZ and PH)/Hex/ Torx, in folding belt pouch
0.5 x 3.0 x 89; PZ 1, 2, 3 x 89; SL 1.5 x 5.5 x 89; TX 10 ... 30 x 89; SW 3, 4, 5, 6 x 89

SF-M SET

1212543

Driver set with quick-action chuck, 89 mm long slotted/crosshead (PZ and PH)/Hex/ Torx, in folding belt pouch
0.5 x 3.0 x 89; SL 1.5 x 5.5 x 89; TX 10 ... 25 x 89; SW 3, 4

SF-M SET 2

1212756

Measuring and test devices TESTFOX

TESTFOX multimeters, current testers, and voltage testers are a range of quality measuring tools, which have been tested and approved in accordance with applicable national and international standards. They support the measurement of all standard parameters and are the ideal solution for all applications in industry, electrical installation, and services.

Multifunctional and robust

TESTFOX measuring and test devices ensure the safety of your systems and devices.

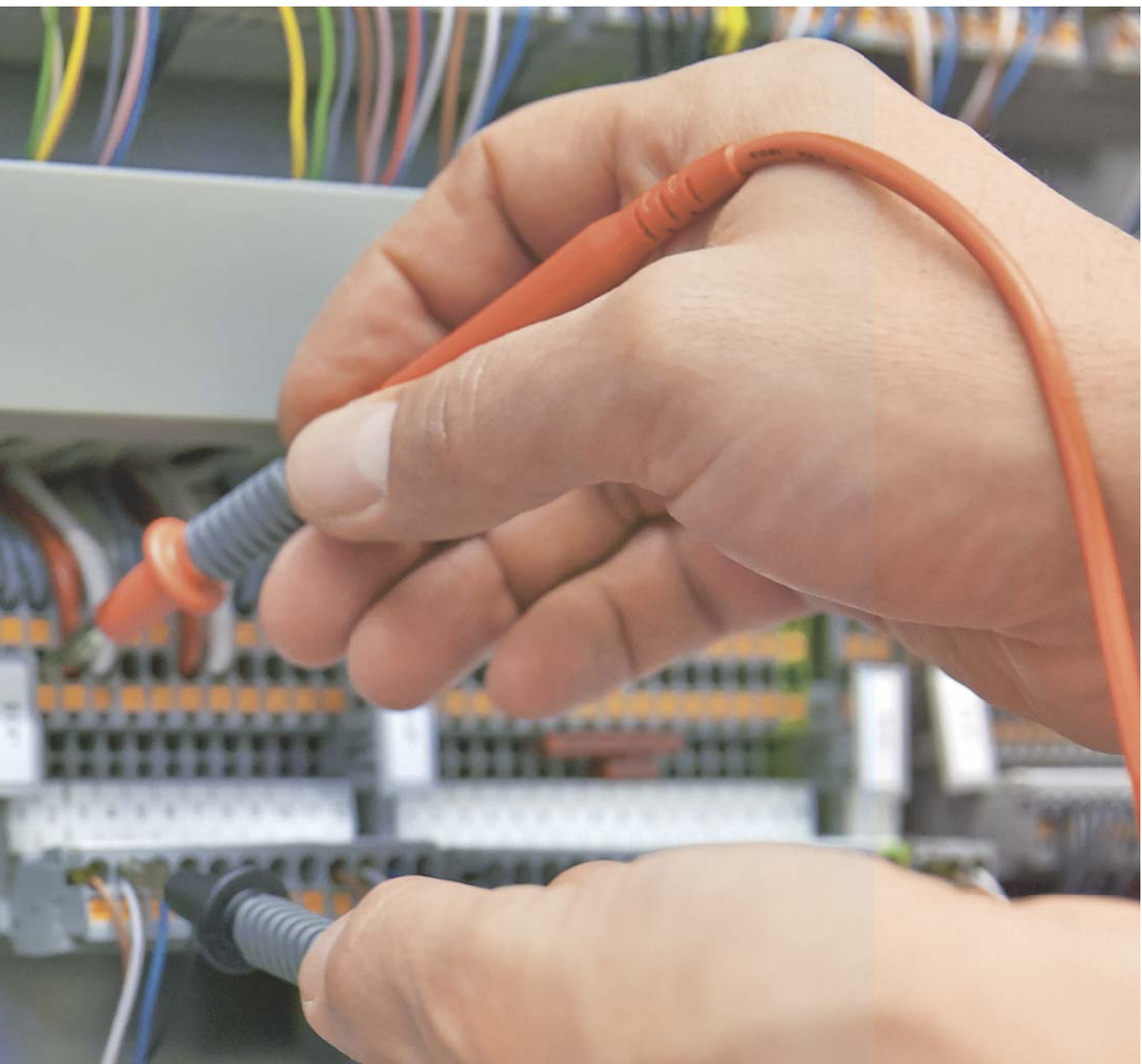
Robust and durable, thanks to special shock-proof plastic materials

High level of functionality: all standard measuring tasks in a single compact device

Versatile use: also ideal for use in photovoltaics

Reliable results: elimination of inaccurate measurements due to reactive voltage





Range of functions

The DUSPOL M-1 supports all standard measurement methods and temperature



Versatile use

The TESTFOX CC-1 also allows you to measure small AC/DC currents from 10 mA



Error-free measurement

A load can be connected via two pushbuttons in order to rule out inaccurate

TESTFOX test and measuring devices

DUSPOL EXPERT voltage and continuity tester
 the following:
 position test of the outer conductor (phase)
 spring point lighting
 LED and optical continuity test
 connection via pushbutton
 warning alarm for safe voltage detection
 voltage category CAT IV 500 V in accordance with
 EN 61243-3



| | | | | |
|---------------------------------|-----------|----------------------|-------------------------|--|
| | Order No. | DUSPOL EXPERT | 1209091 | |
| Voltage range | [V DC] | 12 ... 750 | | |
| Voltage range | [V AC] | 12 ... 690 | | |
| Ingress protection class | | IP64 | | |

Current probes can be used for voltages of up to
 category III. They combine the functions of a digital
 multimeter with those of a current probe in compact and
 IP30 housing. All measuring ranges are protected
 against overload.



| | | | | | |
|-------------------------|-----------|-------------------|-------------------------|---------------------|-------------------------|
| | Order No. | TESTFOX CC | 1212210 | TESTFOX CC-1 | 1212211 |
| Resolution | | 2,000 digits | | 4,000 digits | |
| Accuracy | | 1.0% | | 0.5% | |
| Voltage range | | 0.1 V ... 600 V | | 0.1 mV ... 600 V | |
| Voltage range | | 0.1 V ... 600 V | | 0.1 mV ... 600 V | |
| Current range | | 0.1 A ... 400 A | | 10 mA ... 300 A | |
| Current range | | – | | 10 mA ... 300 A | |
| Resistance range | | 0.1 Ω ... 20 M Ω | | 0.1 Ω ... 40 M Ω | |
| Continuity test | | Audible (20 Ω) | | Audible (50 Ω) | |
| Measurement mode | | RMS | | True RMS | |

Digital multimeters with volt sensor function offer a
 wide variety of functions and easy handling and
 reliability with their quality. They are tested and approved
 in accordance with applicable international IEC/EN 61010
 standards. The devices can be used for voltages of up to
 category III or 1000 V category II.



| | | | | | |
|-----------------------|-----------|-------------------|-------------------------|--------------------|-------------------------|
| | Order No. | TESTFOX M | 1212208 | TESTFOX M-1 | 1212209 |
| Resolution | | 2,000 digits | | 2,000 digits | |
| Accuracy | | 0.5% | | 0.5% | |
| Voltage sensor | | Yes | | Yes | |
| Voltage range | | 0.1 mV ... 750 V | | 0.1 mV ... 750 V | |
| Voltage range | | 0.1 mV ... 1000 V | | 0.1 mV ... 1000 V | |
| Current range | | – | | 1 mA ... 10 A | |
| Current range | | – | | 1 A ... 10 A | |

FOX test and measuring devices

offers robust and versatile use. Internal and
 rements are especially easy, thanks to the
 etic hooks. In addition, it has an automatic
 locking device, an abrasion-resistant and
 ale as well as a belt clip.



| Order No. | | | |
|-------------------|------------------------------|---------|--|
| pe, 5 m, metric | MEASURING TAPE 5M | 1200298 | |
| ic measuring rail | MEASURING TAPE 5M I/M | 1200304 | |

electronics pliers CROFOX

CROFOX is the range of pliers for all work in electronics and electromechanical engineering. It is ideal for working on hard-to-reach areas such as PCB components.

Micro pliers feature ergonomically designed two-component handles. This ensures a secure grip and makes effortless work.

To protect sensitive electronic components, we recommend the ESD versions with special handles. These discharge the electrostatic charges in a controlled manner in accordance with the relevant standards and regulations.

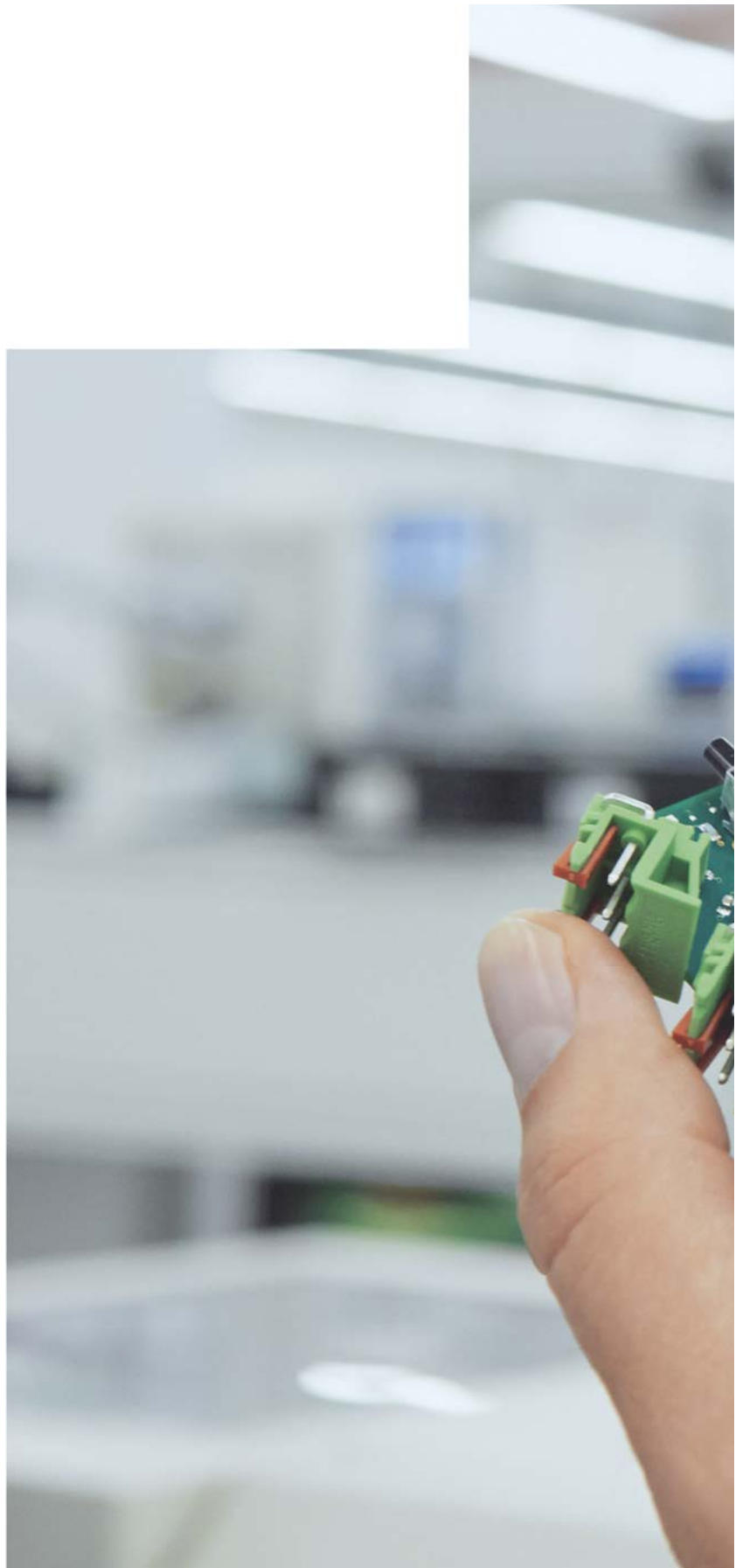
Precise and convenient

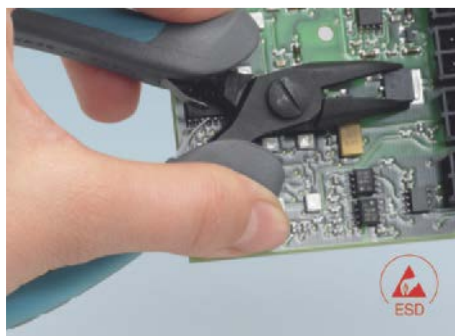
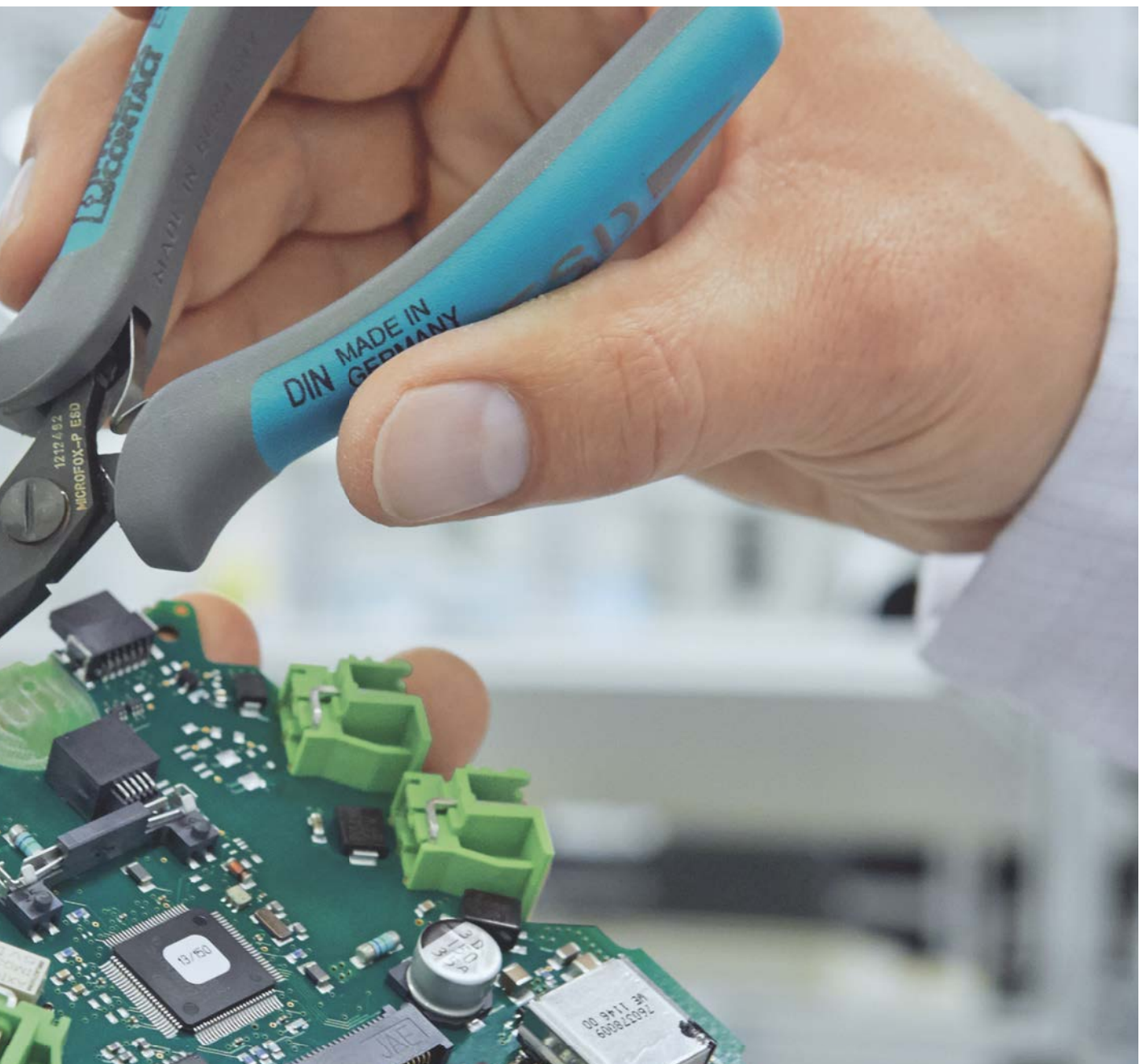
Sophisticated tools for all precise tasks in the field of electronics.

Protect electronic components, thanks to the ESD design

Ultra-precise: lowest tolerances during production

Durable, thanks to high-quality components and raw materials





Safe

The handles of the MICROFOX... ESD electronics pliers are made from conductive

Precise

The integrated double leaf spring and the ergonomic non-slip handles ensure accuracy

are made from special C 60 tool
tempered and precision-ground which

MICROFOX electronics pliers

Electronics pliers

MICROFOX electronics pliers feature a through-connected spring for permanent stability and optimum distribution of force. The gripping surfaces are finely polished and oiled and are protected with an opening spring that allows for working with one hand.



Order No. **MICROFOX-SB** 1212489
Diagonal cutter
Rounded head with chamfer

MICROFOX-SP 1212488
Diagonal cutter
Tapered head without chamfer

MICROFOX pliers are precision-ground and offer ideal results in the long term. The two-component design provides for non-slip and effortless use.



Order No. **MICROFOX-E** 1212494
Front cutter
No chamfer

MICROFOX-EO 1212495
Front cutter
Angled, 20°, no chamfer

MICROFOX-P 1212493
Needle-nose pliers
Smooth gripping surface

MICROFOX pliers have gripping surfaces designed flat to avoid slipping when gripping and bending components.



Order No. **MICROFOX-PC** 1212492
Needle-nose pliers
45° angle, smooth gripping surface

MICROFOX-F 1212493
Flat-nose pliers
Smooth gripping surface

MICROFOX-R 1212490
Round-nose pliers
Smooth gripping surface

MICROFOX electronics pliers

Electronics pliers

MICROFOX-SP-1 is equipped with a sensitive spring and a phosphate coated surface supports glare-free work with soft materials such as copper and plastic. The jaws are designed without a chamfer and thus realize optimum results.



Order No. **MICROFOX-SP-1** 1212487

Diagonal cutter
Tapered head, no chamfer, plated joint

ESD electronics pliers

MICROFOX ESD electronics pliers conform to international standards and regulations including EN 61340-5-1.

The precision joint ensures optimum results. The jaws are mirror-polished and then phosphate-coated to ensure that there is no glare when working.



Order No. **MICROFOX-S ESD** 1212480

Diagonal cutter
Rounded head, no chamfer



Order No. **MICROFOX-E ESD** 1212485

Front cutter
No chamfer



Order No. **MICROFOX-P ESD** 1212482

Needle-nose pliers
Smooth gripping surface

MICROFOX-PC pliers are equipped with an opening spring for sensitive working with just one hand. The jaws are mirror-polished and then phosphate-coated to ensure that there is no glare when working.



Order No. **MICROFOX-PC ESD** 1212483

Needle-nose pliers
45° angle, smooth gripping surface



Order No. **MICROFOX-F ESD** 1212484

Flat-nose pliers
Smooth gripping surface



Order No. **MICROFOX-R ESD** 1212481

Round-nose pliers
Smooth gripping surface

Automatic devices

Cutting, stripping, and crimping devices

Phoenix Contact has a comprehensive range of innovative automatic devices for the automation of fast and flexible processing of conductors and cables. A combination of functionality, quality, and setup times guarantees high levels of reliability while ensuring high-quality results in the shortest time.

Flexible and fast

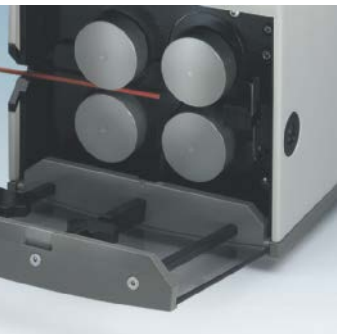
Cutting, stripping and crimping: Increase your efficiency by automating these three substeps.

Easy startup and high process reliability in every application

Intuitive operation via display, knobs or numerical keys

Durable and low-maintenance, thanks to the robust design and the use of low-wear components





Automatic cutting
The DX 10 automatic cutting device processes solid and stranded conductors and



Automatic stripping
The WF 1000 automatically insulates conductors up to 6 mm² or cables up to



Automatic crimping
The CF 500 is characterized by a high press capacity in a compact design. It processes

Automatic devices



The CUTFOX 10 automatic cutting device processes conductors and cables up to 10 mm². Solid and stranded conductors can be cut with millimeter precision. The length and number of cuts are entered via the user-friendly display. The CUTFOX 10 automatically adapts to the diameter when there is a change in material.



The WF 1000 stripping machine can be used to automatically strip conductors with a cross section of up to 6 mm² or cables up to 6 mm Ø, and also offers the option of partial stripping. The stripping dimensions are set individually via knobs and shown on the display.



The ZAP crimping pliers are pneumatic pliers for ferrules with a cross section range from 0.25 to 10 mm². The crimping process is activated by a foot valve or a manual trigger, depending on the version. Two integrated recesses allow quick access to the ferrules.



The CF 500 is characterized by a high pressure in a compact design. The dies can be changed quickly and easily, which makes it possible to process a variety of contact types up to 10 mm².



The Crimphandy is a portable hand-held device for stripping and crimping in one step – in less than 2 seconds. Automatic monitoring functions ensure optimum, high-quality crimping every time.



The CF 3000-2,5 automatic stripping and crimping device processes taped ferrules with insulating collars in accordance with DIN 46228-4. This device allows conductors with a cross section range from 0.25 to 2.5 mm² to be stripped and fitted with ferrules in a single step. The automatic device can be adapted to various cross sections in under a minute.

Automatic devices

CUTFOX 10 automatic cutting device

The CUTFOX 10 automatic cutting device cuts conductors and cables up to 10 mm². Solid and stranded cables can be cut to length with millimeter precision. The length and number of cuts are entered on the control panel and displayed on the LCD. The CUTFOX 10 automatically adapts to the diameter when there is a change in material.



| | Order No. | |
|--|-------------------------------|-------------------------------|
| CUTFOX 10 automatic cutting device, 100 ... 240 V, 50 ... 60 Hz version for cutting solid and stranded cables up to 8 mm Ø (up to 10 mm ²) | CUTFOX 10 | 1206829 |
| Accessories for CUTFOX 10 for accommodating cable rings and coils | CUTFOX 10 C-UN | 1208393 |
| Dimensions width/length/height | [mm] | 194 / 301 / 228 |
| Weight | [kg] | 11 |
| Power consumption | [VA] | 80 |
| Max. cable cross-section | [mm ²] | 0.25 ... 10 |
| Max. cable diameter | [mm] | 0.25 ... 2.5 |
| Max. cutting width | [mm] | 8 |
| Control setting | | Automatic |
| Max. number of cuts | [unit] | 9999 |
| Max. cutting length | [m] | Up to 1000 |
| Max. cutting speed | [m/s] | 0.5 |
| Measurement | | mm / inch |
| Language | | German/English/French/Italian |
| Accessories for automatic cutting device | | |
| Drive wheels CF-10 | CF-10 WHEEL SET | 1207271 |
| CF-10, with PU tread, for sensitive cables/conductors and their insulation (for hard materials) | CF-10 WHEEL SET PU | 1200098 |
| CF-10 with hardened, finely knurled steel tread, for very hard insulation and materials | CF-10 WHEEL SET STEEL | 1200099 |
| Blade set CF-10 | CF-10 CUTTER KNIFE SET | 1207284 |
| Accessories for cable unwinder | | |
| Rotary table for cable roller for coordinated unwinding of cable rings and coils | CUTFOX 10 R-C | 1208403 |
| Holding arms for rotary tables for rotary table | CUTFOX 10 BAR | 1208416 |

Automatic devices

WF 1000 stripping machine

The WF 1000 stripping machine can be used to automatically strip conductors with a cross section of 0.08 mm² or cables up to 6 mm Ø, and also offers the option of partial stripping. The stripping lengths are set individually via knobs and shown on the display.

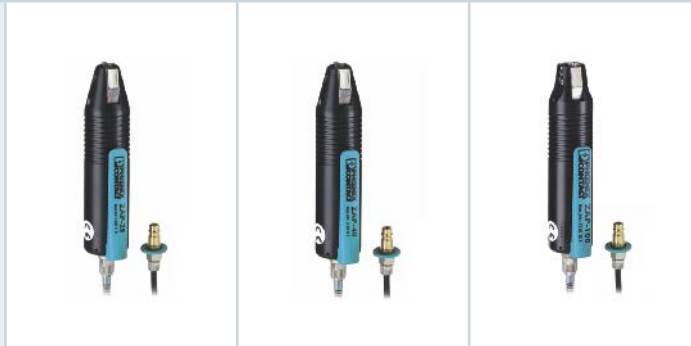


| | | Order No. | |
|---|--------------------|----------------------|-------------------------|
| WF 1000 stripping machine, 230 V version | | WF 1000 | 1212149 |
| Strip conductors and cables | | | |
| Strip 1- and 2-core stranded 0.08 ... 6 mm ² (max. Ø 6 mm) | | | |
| Integrated graphics display | | | |
| WF 1000 stripping machine, 120 V version | | WF 1000 120 V | 1212258 |
| Strip conductors and cables | | | |
| Strip 1- and 2-core stranded 0.08 ... 6 mm ² (max. Ø 6 mm) | | | |
| Integrated graphics display | | | |
| Technical data | | | |
| Dimensions, width/length/height | [mm] | 141 / 363 / 221 | |
| | [kg] | 9.5 | |
| Power consumption | [VA] | 160 | |
| Stripping cycle | [s] | 0.3 | |
| Strip range | [mm ²] | 0.08 ... 6 | |
| Strip length | [mm] | 2 ... 20 | |
| Stripping length | [mm] | 2 ... 20 | |
| Stripper passage | [mm] | 6 | |
| Accessories, automatic cutting device | | | |
| Replacement stripping blade | | WF 1000/SB | 1212279 |

Pneumatic devices

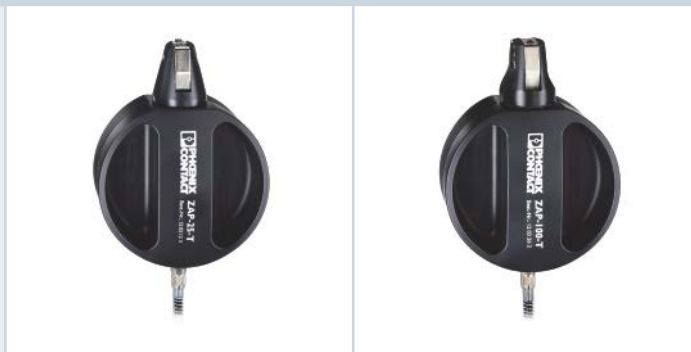
Pneumatic crimping pliers

Crimping pliers are pneumatic pliers for ferrules with a cross section range from 0.25 to 10 mm². They are the perfect alternative to the hand pliers, which protects joints and tendons. They are easy to use.



| Order No. | | ZAP 25 | 1203110 | ZAP 40 | 1212630 | ZAP 100 | 1203259 |
|----------------------------------|--|------------------------|------------------------|----------------------|-------------------|---------|---------|
| Crimping pliers | | | | | | | |
| in accordance with DIN 46228-1/4 | | | | | | | |
| Cross section range | | [mm ²]/AWG | 0.25 ... 2.5/24 ... 14 | 0.25 ... 4/24 ... 12 | 4 ... 10/12 ... 8 | | |
| Pressure | | [bar] | 4 ... 6 | 4 ... 6 | 4 ... 6 | | |
| Strokes per compression | | [l] | 0.2 | 0.2 | 0.2 | | |
| | | | Trapezoidal | Trapezoidal | Trapezoidal | | |

Pneumatic crimping pliers are designed for work at the workbench and equipped with a foot to hold the conductor. Depending on the model, they process cross sections from 0.25 to 10 mm².



| Order No. | | ZAP 25 T | 1203123 | ZAP 100 T | 1203262 |
|----------------------------------|--|------------------------|------------------------|-------------------|---------|
| Crimping pliers | | | | | |
| in accordance with DIN 46228-1/4 | | | | | |
| Cross section range | | [mm ²]/AWG | 0.25 ... 2.5/24 ... 14 | 4 ... 10/12 ... 8 | |
| Pressure | | [bar] | 4 ... 6 | 4 ... 6 | |
| Strokes per compression | | [l] | 0.2 | 0.2 | |
| | | | Trapezoidal | Trapezoidal | |

Automatic devices

Portable hand-held device CRIMPHANDY

Stripping and crimping device for processing standard PVC conductors with tapered ferrules. The Crimphandy impresses with its easy, effortless use, which protects your joints, muscles and tendons. The compact lightweight offers you high portability, thanks to its battery operation. The cutting unit complements stripping and crimping process steps.



| | Order No. | CF CRIMPHANDY 0,5 | 1212463 | CF CRIMPHANDY 0,75 | 1212464 |
|----------------------|--------------------|--|---------|--------------------|---------|
| Dimensions W x H x L | [mm] | 43 x 70 x 205 | | 43 x 70 x 205 | |
| Weight | [kg] | 0.43 | | 0.43 | |
| Conductor | [mm ²] | 0.5 | | 0.75 | |
| Crimping cycle | [s] | < 2 | | < 2 | |
| Crimping | | Square crimping | | Square crimping | |
| Stripping length | [mm] | Min. 32 | | Min. 32 | |
| Description | | Portable crimping device , battery-powered, for processing taped ferrules with function end, suitable for PVC insulated conductors (H05V-K), incl. battery and charger, CUTFOX 12 cable cutter, service tool for troubleshooting, and one strip of ferrules, packed in a robust case. | | | |

| | Order No. | CF CRIMPHANDY 1,0 | 1212465 | CF CRIMPHANDY 1,5 | 1212466 |
|----------------------|--------------------|---|---------|-------------------|---------|
| Dimensions W x H x L | [mm] | 43 x 70 x 205 | | 43 x 70 x 205 | |
| Weight | [kg] | 0.43 | | 0.43 | |
| Conductor | [mm ²] | 1 | | 1.5 | |
| Crimping cycle | [s] | < 2 | | < 2 | |
| Crimping | | Square crimping | | Square crimping | |
| Stripping length | [mm] | Min. 32 | | Min. 32 | |
| Description | | Portable crimping device , battery-powered, for processing taped ferrules with function end, suitable for PVC insulated conductors (H05V-K/H07V-K), incl. battery and charger, CUTFOX 12 cable cutter, service tool for troubleshooting, and one strip of ferrules, packed in a robust case. | | | |

| Accessories | | | | | |
|---|--|----------------------|---------|-----------------------|---------|
| Ferrules, 8 mm, with plastic sleeve, in accordance with DIN 46228-4: 1990-09 486F, UL-certified, 50 pieces per strip, 20 strips per Pcs./Pkt. | | | | | |
| DIN 46228-4/UL 486F/NF C 63-023 (special color) | | AI 0,5-8 WH-S | 1212521 | | |
| DIN 46228-4/UL 486F | | AI 0,5-8 OG-S | 1212784 | | |
| NF C 63-023 (special color) | | | | AI 0,75-8 GY-S | 1212522 |
| DIN 46228-4/UL 486F/NF C 63-023 (special color) | | | | AI 0,75-8 BU-S | 1212785 |
| DIN 46228-4/UL 486F/NF C 63-023 (special color) | | AI 1,0-8 RD-S | 1212523 | AI 0,75-8 WH-S | 1212783 |
| DIN 46228-4/UL 486F/NF C 63-023 (special color) | | AI 1,0-8 YE-S | 1212782 | | |
| DIN 46228-4/UL 486F/NF C 63-023 (special color) | | | | AI 1,5-8 BK-S | 1212524 |
| DIN 46228-4/UL 486F/NF C 63-023 (special color) | | | | AI 1,5-8 RD-S | 1212781 |

| | | |
|--|---------------------------|---------|
| Replacement battery for CF CRIMPHANDY..., Li-ion 7.4V; 0.68 Ah | CF CRIMPHANDY/ACCU | 1212518 |
|--|---------------------------|---------|

| | | |
|--|------------------------------|---------|
| Replacement charger for CF CRIMPHANDY..., 100 ... 240 V AC | CF CRIMPHANDY/CHARGER | 1212519 |
|--|------------------------------|---------|

| | | |
|---|-----------------------------|---------|
| Cutting unit for CF CRIMPHANDY..., for copper wires from 0.5 ... 1.5 mm ² , spectacle tray | CF CRIMPHANDY CUTTER | 1212520 |
|---|-----------------------------|---------|

Automatic devices

Automatic stripping and crimping device

The CF 3000-2,5 automatic stripping and crimping device processes taped ferrules with insulating collars with DIN 46228-4. This device allows conductors with a cross section range from 0.25 to 2.5 mm² to be stripped and fitted with ferrules in a single step. The automatic device can be adapted to different conductor sections in under a minute. Color coding in accordance with ferrule standard DIN 46228-4 makes the adjustment of modification components really clear. Due to its compact and light design, the device can be used at different workstations.



| | | Order No. | |
|---|------------------------|-----------------------------|-------------------------|
| Crimping device, 230 V version | | CF 3000-2,5 | 1205477 |
| Processes taped ferrules, 0.25 ... 2.5 mm ² , sleeve length 8 mm | | | |
| Includes 10 modification kits for 0.5 ... 2.5 mm ² | | | |
| Crimping device, 120 V version | | CF 3000-2,5 120 V | 1205516 |
| Processes taped ferrules, 0.25 ... 2.5 mm ² , sleeve length 8 mm | | | |
| Includes 10 modification kits for 0.5 ... 2.5 mm ² | | | |
| Dimensions | | | |
| Width/length/height | [mm] | 165 / 320 / 300 | |
| Weight | [kg] | 12 | |
| Stripping range | [mm ²]/AWG | 0.25 ... 2.5/24 ... 14 | |
| Stripping time | [s] | 1.2 | |
| Stripping profile | | Trapezoidal | |
| Power consumption | [VA] | 80 | |
| Minimum length | [mm] | Min. 32 | |
| Accessories | | | |
| Complete kit for CF 3000 | | CF 3000-TOOLKIT 0,25 | 1212376 |
| Processes taped ferrules, 0.25/0.34 mm ² , sleeve length 8 mm | | | |
| Location | | | |
| | | CF 3000 LOC 0,25 | 1212377 |
| | | CF 3000 LOC 0,5 | 1205639 |
| | | CF 3000 LOC 0,75 | 1205642 |
| | | CF 3000 LOC 1,0 | 1205655 |
| | | CF 3000 LOC 1,5 | 1205668 |
| | | CF 3000 LOC 2,5 | 1205671 |
| Blade | | | |
| Adjustable | | CF 3000 AB 0,25 | 1212380 |
| | | CF 3000 AM 0,5 | 1205587 |
| | | CF 3000 AM 0,75 | 1205590 |
| | | CF 3000 AM 1,0 | 1205600 |
| | | CF 3000 AM 1,5 | 1205613 |
| | | CF 3000 AM 2,5 | 1205626 |

Automatic devices

1000 crimping device

Automatic CF 1000-1,5 and CF 1000-10 stripping and crimping devices process conductors and ferrules from 0.25 to 10 mm². Switching the cross section and sleeve length is particularly fast and requires a few steps. Thanks to its maintenance and wear-free components, the device offers high precision and durability. Even special sleeves such as Al... GB can be used for conductors with thicker insulation by using extension kits and components.



Figure shows CF 1000-1,5

| | Order No. | |
|--|-----------------------------------|-------------------------|
| Stripping and crimping device | CF 1000-1,5 | 1208199 |
| Pneumatic, for loose ferrules with insulating collar, 0.34 ... 4 mm ² in accordance with DIN 46228-4 | | |
| Conversion kits for 0.5 ... 1.5 mm ² (stripping length: 6 ... 12 mm) | | |
| Stripping and crimping device | CF 1000-10 | 1212456 |
| Pneumatic, for loose ferrules with insulating collar, 4 mm ² , 6 mm ² , and 10 mm ² | | |
| Stripping length 10 ... 12 mm), without conversion kit | | |
| Technical data | | |
| Dimensions, width/length/height | [mm] | 250/550/412 |
| | [kg] | 29 |
| | [V] | 100 ... 240 |
| Frequency | [Hz] | 50 ... 60 |
| Consumption per compression | [l] | 1.2 |
| Crimping cycle | [s] | 1.5 |
| Crimping pressure | [kN] | 10 |
| Stripping length | [mm] | Trapezoidal |
| Stripping length | [mm] | Min. 32 (40 CF 1000-10) |
| Required compressed air connection | [bar] | 5-6 |
| Accessories | | |
| Conversion kit for CF 1000-1,5 | | |
| 4 mm ² , sleeve length 6 and 8 mm | CF 1000-TOOLKIT 0,34/6-8 | 1208226 |
| Sleeve length 6 ... 12 mm | CF 1000-TOOLKIT 2,5/6-12 | 1208242 |
| Sleeve length 10 mm | CF 1000-TOOLKIT 4,0/10 | 1208271 |
| Conversion kit for CF 1000-10 | | |
| For loose ferrules with insulating collar | | |
| Sleeve length 10 ... 12 mm | CF 1000-10-TOOLKIT 4/10-12 | 1212458 |
| Sleeve length 12 mm | CF 1000-10-TOOLKIT 6/12 | 1212459 |
| Sleeve length 12 mm | CF 1000-10-TOOLKIT 10/12 | 1212460 |
| Crimping knife, V-form, for CF 1000-1,5, 0.25 ... 2.5 mm ² | CF 1000 EM | 1205215 |
| Protective cover | CF 1000-COVER | 1208306 |
| Crimping knife, V-form, for CF 1000-1,5 and CF 1000-10, 4 mm ² | CF 1000 EM4,0 | 1212663 |
| Crimping knife, V-form, for CF 1000-1,5 and CF 1000-10, 4 mm ² | CF 1000 EM4,0 | 1212663 |
| Crimping knife, V-form, for CF 1000-10, 6 mm ² | CF 1000-10 EM6,0 | 1212664 |
| Crimping knife, V-form, for CF 1000-10, 10 mm ² | CF 1000-10 EM10,0 | 1212665 |
| Optional components | | |
| For processing Al...GB sleeves and conductors with thicker insulation | | |
| Stripping plate for Al...G, 0.5 ... 1.5 mm ² | CF 1000 VEP1,5 GB | 1206901 |
| Receiver for Al...GB 0.5 mm ² sleeves | CF 1000 LOC0,5 GB | 1212907 |
| Receiver for Al...GB 0.75 mm ² sleeves | CF 1000 LOC0,75 GB | 1212908 |
| Receiver for Al...GB 1.0 mm ² sleeves | CF 1000 LOC1,0 GB | 1212909 |
| Receiver for Al...GB 1.5 mm ² sleeves | CF 1000 LOC1,5 GB | 1212910 |
| Protective feeder bowl for CF 1000-1,5 | | |
| 0.25 mm ² ... 0.34 mm ² | CF 1000 SORT0,34 | 1206890 |

Automatic devices

Crimping device

The CF 500 crimping device is characterized by its high press capacity and the ease with which it is operated. The number of available dies allows for universal use. The crimping process is controlled by a foot pedal. As such, both hands are free to assemble the conductor using the contacts. The device can be positioned precisely before the crimping procedure via an additional two-stage positioning system. This makes it easier to process crimp contacts and prevents incorrect crimping.







| | Order No. | |
|--|-------------------------------|-----------------|
| Device, 230 V version, with foot switch | CF 500-230 V | 1208348 |
| Device, 120 V version, with foot switch | CF 500-120 V | 1208351 |
| Dimensions | | |
| Width/length/height | [mm] | 140 / 220 / 320 |
| Weight | [kg] | 10 |
| Power consumption | [VA] | 160 |
| Pressure/working cycle | [kN]/[s] | 10 / 1 |
| Accessories | | |
| CF 500/DIE AI... (Al...), 0.25 ... 6 mm ² | CF 500/DIE AI 6 | 1212238 |
| CF 500/DIE AI... (Al...), 10, 16, and 25 mm ² | CF 500/DIE AI 25 | 1212239 |
| CF 500/DIE AI... (Al...), 35 and 50 mm ² | CF 500/DIE AI 50 | 1212261 |
| CF 500/DIE AI-TWIN... (AI-TWIN...), 2 x 4, 2 x 6, and 2 x 10 mm ² | CF 500/DIE AI-TWIN 10 | 1212262 |
| CRIMPFOX 16R TWIN/DIE | CRIMPFOX 16R TWIN/DIE | 1212846 |
| CF 500/DIE RCI... (RCI... and FCI...), 0.14 ... 1.5 mm ² | CF 500/DIE RCI 1,5 | 1212263 |
| CF 500/DIE RCI... (RCI... and FCI...), 0.5 ... 6 mm ² | CF 500/DIE RCI 6 | 1212240 |
| CF 500/DIE RC... (RC..., FC..., FC...), 0.5 ... 10 mm ² | CF 500/DIE RC 10 | 1212244 |
| CF 500/DIE RC... (RC..., FC...), 16 mm ² | CF 500/DIE RC 16 | 1212257 |
| CF 500/DIE SC... (SCF... and SCM...), 0.1 ... 1.5 mm ² | CF 500/DIE SC 1,5 | 1212241 |
| CF 500/DIE SC... (SCF... and SCM...), 0.5 ... 6 mm ² | CF 500/DIE SC 6 | 1212242 |
| CF 500/DIE TC... (CK 2,5... and CK 4,0), 0.5 ... 4 mm ² | CF 500/DIE TC 4 | 1212237 |
| CF 500/DIE TC... (CK 4,0), 6 ... 10 mm ² | CF 500/DIE TC 10 | 1212260 |
| CF 500/DIE FBS... (plug-in bridges) | CF 500/DIE FBS | 1212461 |
| CF 500/DIE RCI... (C-RCI..., C-FCI..., asymmetrical crimping shape), 0.5 ... 6 mm ² | CF 500/DIE RCI 6-1 | 1212691 |
| CF 500/DIE SR... (model MC 4), 2.5 ... 6 mm ² | CF 500/DIE SR 6-2 | 1212692 |
| CF 500/DIE RCT... (lugs 0.34 ... 4 mm ²) | CF 500/DIE RCT 4 | 1212243 |
| CF 500/DIE RCT... (lugs 4 ... 10 mm ² , 4 mm ² : outer Ø 5 mm, inner Ø 3 mm, 6 mm ² : outer Ø 6.5 mm, inner Ø 4.5 mm) | CF 500/DIE RCT 10-1 | 1212245 |
| CF 500/DIE RCT... (lugs 4 ... 10 mm ² , 4 mm ² : outer Ø 5 mm, inner Ø 3 mm, 6 mm ² : outer Ø 6.5 mm, inner Ø 4.5 mm) | CF 500/DIE RCT 10-2 | 1212246 |
| CF 500/DIE RCT... (lugs 4 ... 10 mm ² , 4 mm ² : outer Ø 5 mm, inner Ø 3 mm, 6 mm ² : outer Ø 6 mm, inner Ø 5 mm) | CF 500/DIE RCT 10-3 | 1212256 |
| CF 500/LOC SCF... (positioning tool) for (SCF...), W: 2.8 mm, L: 5 mm | CF 500/LOC SCF 2,8/1,5 | 1212249 |
| CF 500/LOC SCF... (positioning tool) for (SCF...), W: 4.8 mm | CF 500/LOC SCF 4,8/2,5 | 1212248 |
| CF 500/LOC SCF... (positioning tool) for (SCF...), W: 0.5 ... 2.5 mm ² | CF 500/LOC SCF 6,3/2,5 | 1212264 |
| CF 500/LOC SCF... (positioning tool) for (SCF...), W: 6.3 mm | CF 500/LOC SCF 6,3/6 | 1212247 |
| CF 500/COV AI... (protective cover for 6 mm ² (AI 6...)) | CF 500/COV AI 6 | 1212254 |
| CF 500/COV AI-TWIN... (AI-TWIN...) | CF 500/COV AI-TWIN | 1212266 |
| CF 500/COV RCI... (lugs (RCI...)) | CF 500/COV RCI | 1212255 |
| CF 500/COV RC... (lugs 0.5 ... 10 mm ²) | CF 500/COV RC 10 | 1212252 |
| CF 500/COV RCT... (lugs 0.34 ... 2.5 mm ²) | CF 500/COV RCT 2,5 | 1212253 |
| CF 500/COV SC... (slip-on blade connectors SC 1,5... and SC 6...) | CF 500/COV SC | 1212251 |










Stamping tools properties

| |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| Operation range mm ² | 0.14 ... 10 26 ... 8 | 0.14 ... 6 26 ... 10 | 0.25 ... 50 24 ... 1 | 0.14 ... 6 26 ... 10 | 0.25 ... 6 24 ... 10 | 0.1 ... 50 26 ... 1 |
| Force variance | +++ | +++++ | +++++ | +++++ | +++ | +++++ |
| Handle width handle | +++++ | ++++ | +++ | +++ | +++ | ++ |
| Die width die | +++++ | ++++ | +++++ | +++++ | +++++ | +++++ |
| Die length | +++++ | +++++ | +++ | ++++ | ++++ | +++ |
| Clamping force | +++++ | ++++ | +++++ | ++++ | ++++ | +++ |
| Weight | +++++ | ++++ | +++++ | +++++ | +++ | +++ |
| Clamping ratio | +++++ | ++++ | +++++ | ++++ | ++++ | ++++ |
| Clamping force | +++ | +++ | +++ | +++ | +++ | +++ |
| Serial number | Yes | Yes | Yes | Yes | Yes | No |
| Lock/unlockable without tools | Yes/yes | Yes/yes | Yes/yes | Yes/yes | Yes/yes | Yes/yes |
| Clamping tool | (*2) | (*1) | (*1) | (*1) | (*2) | (*2) |
| Over (impact protection) | Yes | No | No | No | No | Yes |
| Eye fall protection | No | No | Yes | Yes | Yes | Yes |
| Pressure pad | Yes | No | Yes | Yes | No | No |
| Upper/lower handle | Soft/hard | Soft/hard | Soft/hard | Soft/hard | Soft/soft | Hard/hard |
| Die changing | No | No | No | No | No | Yes |
| Monitoring | No | No | No | No | No | No |
| Die cross section setting | Yes | (*1) | No | No | Yes | No |
| Products processed | No | No | No | No | No | No |
| Clamping pressure adjustable | (*2) | Yes | Yes | Yes | Yes | No |
| Clamping operation | Yes | Yes | Yes | Yes | Yes | Yes |
| Clamping operation | No | No | Yes | No | No | Yes |
| Clamping mechanism | No | No | No | No | No | No |
| Clamping for right-handers/left-handers | Yes/yes | Yes/yes | Yes/yes | Yes/yes | Yes/yes | Yes/yes |
| Clamping direction connectors | Side | Side and frontal ^(*) | Side | Side and frontal ^(*) | Side and frontal ^(*) | Side |
| Clamping principle | Centering | Default | Default | Default | In parallel | In parallel |










Field of application crimping tools/ferrules

| | | | | Designation | | | | | |
|----------------------|---------------------------------------|-----------------------|-----------------------|---|---|---|---|---------------------------|-------------------------|
| | | | | CRIMPFOX CENTRUS 6S 1213144 | CRIMPFOX CENTRUS 10S 1213154 | CRIMPFOX CENTRUS 6H 1213146 | CRIMPFOX CENTRUS 10H 1213156 | CRIMPFOX 2,5-M 1212719 | CRIMPFOX 6-M 1212720 |
| | | | | Crimping shape | | | | | |
| Cross section | Stripping length (reference value) | Designation | Order No. |  |  |  |  | | |
| 0.25 mm ² | 5 | A 0,25-5 | 3202465 ²⁾ | ● | ● | ● | ● | ● | ● |
| | 7 | A 0,25-7 | 3202478 ²⁾ | ● | ● | ● | ● | ● | ● |
| 0.34 mm ² | 7 | A 0,34-7 | 3009202 ²⁾ | ● | ● | ● | ● | ● | ● |
| 0.5 mm ² | 6 | A 0,5-6 | 3200218 | ● | ● | ● | ● | ● | ● |
| | 8 | A 0,5-8 | 3202481 | ● | ● | ● | ● | ● | ● |
| | 10 | A 0,5-10 | 3202494 | ● | ● | ● | ● | ● | ● |
| 0.75 mm ² | 7 | A 0,75-6 | 3200221 | ● | ● | ● | ● | ● | ● |
| | 8 | A 0,75-8 | 3202504 | ● | ● | ● | ● | ● | ● |
| | 10 | A 0,75-10 | 3200234 | ● | ● | ● | ● | ● | ● |
| 1.00 mm ² | 6 | A 1-6 | 3200247 | ● | ● | ● | ● | ● | ● |
| | 8 | A 1-8 | 3202517 | ● | ● | ● | ● | ● | ● |
| | 10 | A 1-10 | 3200250 | ● | ● | ● | ● | ● | ● |
| 1.50 mm ² | 7 | A 1,5-7 | 3200263 | ● | ● | ● | ● | ● | ● |
| | 10 | A 1,5-10 | 3200276 | ● | ● | ● | ● | ● | ● |
| | 12 | A 1,5-12 | 3202588 | ● | ● | ● | ● | ● | ● |
| | 15 | A 1,5-15 | 3202591 | ● | ● | ● | ● | ● | ● |
| | 18 | A 1,5-18 | 3202601 | ● | ● | ● | ● | ● | ● |
| 2.5 mm ² | 7 | A 2,5-7 | 3200289 | ● | ● | ● | ● | ● | ● |
| | 12 | A 2,5-12 | 3200292 | ● | ● | ● | ● | ● | ● |
| | 18 | A 2,5-18 | 3202821 | ● | ● | ● | ● | ● | ● |
| 4 mm ² | 9 | A 4-9 | 3200302 | ● | ● | ● | ● | | ● |
| | 12 | A 4-12 | 3200315 | ● | ● | ● | ● | | ● |
| | 18 | A 4-18 | 3202834 | ● | ● | ● | ● | | ● |
| 6 mm ² | 10 | A 6-10 | 3202520 | ● | ● | ● | ● | | ● |
| | 12 | A 6-12 | 3200328 | ● | ● | ● | ● | | ● |
| 10 mm ² | 12 | A 10-12 | 3200331 | | ● | | ● | | |
| | 18 | A 10-18 | 3200344 | | ● | | ● | | |
| 16 mm ² | 12 | A 16-12 | 3200425 | | | | | | |
| 25 mm ² | 12 | A 25-12 | 3200357 | | | | | | |
| | 15 | A 25-15 | 3200360 | | | | | | |
| | 18 | A 25-18 | 3200373 | | | | | | |
| | 20 | A 25-20 ²⁾ | 3200386 | | | | | | |
| | 40 | A 25-40 ²⁾ | 3241238 | | | | | | |
| 35 mm ² | 18 | A 35-18 | 3200399 | | | | | | |
| | 20 | A 35-20 | 3200409 | | | | | | |











Field of application crimping tools/ferrules

| | | | | | Designation | CRIMPFOX CENTRUS 6S 1213144 | CRIMPFOX CENTRUS 10S 1213154 | CRIMPFOX CENTRUS 6H 1213146 | CRIMPFOX CENTRUS 10H 1213156 | CRIMPFOX 2,5-M 1212719 |
|----------------------|---------------------------------------|---------------------------------|-----------|-----------|---|---|---|---|---|---|
| | | | | | Crimping shape |  |  |  |  |  |
| Cross section | Stripping length (reference value) | Designation | Order No. | Color |  |  |  |  | | |
| 0.14 mm ² | 10 | AI 0,14-8 GY-1000 ²⁾ | 3203011 | Gray | ● | ● | ● | ● | | |
| 0.25 mm ² | 8 | AI 0,25-6 BU ²⁾ | 3203040 | Blue | ● | ● | ● | ● | ● | |
| | 8 | AI 0,25-6 YE ²⁾ | 3203024 | Yellow | ● | ● | ● | ● | ● | |
| | 10 | AI 0,25-8 BU ²⁾ | 3201364 | Blue | ● | ● | ● | ● | ● | |
| | 10 | AI 0,25-8 YE ²⁾ | 3203037 | Yellow | ● | ● | ● | ● | ● | |
| | 12 | AI 0,25-10 YE ²⁾ | 3241128 | Yellow | ● | ● | ● | ● | ● | |
| 0.34 mm ² | 14 | AI 0,25-12 BU ²⁾ | 3200632 | Blue | ● | ● | ● | ● | ● | |
| | 8 | AI 0,34-6 TQ ²⁾ | 3203053 | Turquoise | ● | ● | ● | ● | ● | |
| | 10 | AI 0,34-8 TQ ²⁾ | 3203066 | Turquoise | ● | ● | ● | ● | ● | |
| | 12 | AI 0,34-10 TQ ²⁾ | 3241129 | Turquoise | ● | ● | ● | ● | ● | |
| 0.5 mm ² | 14 | AI 0,34-12 TQ ²⁾ | 3200645 | Turquoise | ● | ● | ● | ● | ● | |
| | 9 | AI 0,5-6 OG | 3201301 | Orange | ● | ● | ● | ● | ● | |
| | 9 | AI 0,5-6 WH | 3200687 | White | ● | ● | ● | ● | ● | |
| | 11 | AI 0,5-8 OG | 3201123 | Orange | ● | ● | ● | ● | ● | |
| | 11 | AI 0,5-8 OG-1000 | 3202902 | Orange | ● | ● | ● | ● | ● | |
| | 11 | AI 0,5-8 WH | 3200014 | White | ● | ● | ● | ● | ● | |
| | 11 | AI 0,5-8 WH-1000 | 3200881 | White | ● | ● | ● | ● | ● | |
| | 13 | AI 0,5-10 OG | 3241126 | Orange | ● | ● | ● | ● | ● | |
| | 13 | AI 0,5-10 WH | 3201275 | White | ● | ● | ● | ● | ● | |
| | 15 | AI 0,5-12 WH | 3200506 | White | ● | ● | ● | ● | ● | |
| 0.75 mm ² | 11 | AI 0,5-8 WH-GB | 1208966 | White | ● | ● | ● | ● | ● | |
| | 13 | AI 0,5-10 WH-GB | 3203150 | White | ● | ● | ● | ● | ● | |
| | 11 | AI-WM 0,5-8 WH ²⁾ | 3240542 | White | ● | ● | ● | ● | ● | |
| | 9 | AI 0,75-6 GY | 3200690 | Gray | ● | ● | ● | ● | ● | |
| | 9 | AI 0,75-6 WH | 3201314 | White | ● | ● | ● | ● | ● | |
| | 11 | AI 0,75-8 BU | 3200027 | Blue | ● | ● | ● | ● | ● | |
| | 11 | AI 0,75-8 GY | 3200519 | Gray | ● | ● | ● | ● | ● | |
| | 11 | AI 0,75-8 GY-1000 | 3200894 | Gray | ● | ● | ● | ● | ● | |
| | 11 | AI 0,75-8 WH | 3201110 | White | ● | ● | ● | ● | ● | |
| | 13 | AI 0,75-10 GY | 3201288 | Gray | ● | ● | ● | ● | ● | |
| | 13 | AI 0,75-10 GY-1000 | 3203118 | Gray | ● | ● | ● | ● | ● | |
| | 15 | AI 0,75-12 GY | 3200849 | Gray | ● | ● | ● | ● | ● | |
| 1 mm ² | 11 | AI 0,75-8 GY-GB | 1208979 | Gray | ● | ● | ● | ● | ● | |
| | 13 | AI 0,75-10 GY-GB-1000 | 3203299 | Gray | ● | ● | ● | ● | ● | |
| | 13 | AI 0,75-10 GY-GB | 3203163 | Gray | ● | ● | ● | ● | ● | |
| | 11 | AI-WM 0,75-8 GY ²⁾ | 3240543 | Gray | ● | ● | ● | ● | ● | |
| | 9 | AI 1-6 RD | 3200742 | Red | ● | ● | ● | ● | ● | |
| | 9 | AI 1-6 YE | 3201327 | Yellow | ● | ● | ● | ● | ● | |
| | 11 | AI 1-8 RD | 3200030 | Red | ● | ● | ● | ● | ● | |
| 1.5 mm ² | 11 | AI 1-8 RD-1000 | 3200904 | Red | ● | ● | ● | ● | ● | |
| | 11 | AI 1-8 YE | 3201097 | Yellow | ● | ● | ● | ● | ● | |

Field of application crimping tools/ferrules











| | | | | | Designation | CRIMPFOX CENTRUS 6S 1213144 | CRIMPFOX CENTRUS 10S 1213154 | CRIMPFOX CENTRUS 6H 1213146 | CRIMPFOX CENTRUS 10H 1213156 | CRIMPFOX 2,5-M 1212719 |
|---------------------|---------------------------------------|------------------------------|-----------|--------|---|---|---|---|---|---|
| | | | | | Crimping shape |  |  |  |  |  |
| Cross section | Stripping length (reference value) | Designation | Order No. | Color |  |  |  |  | | |
| 1.5 mm ² | 9 | AI 1,5-6 BK | 3200755 | Black | ● | ● | ● | ● | ● | |
| | 11 | AI 1,5-8 BK | 3200043 | Black | ● | ● | ● | ● | ● | |
| | 11 | AI 1,5-8 BK-1000 | 3200917 | Black | ● | ● | ● | ● | ● | |
| | 11 | AI 1,5-8 RD | 3201136 | Red | ● | ● | ● | ● | ● | |
| | 11 | AI 1,5-8 RD-1000 | 3202928 | Red | ● | ● | ● | ● | ● | |
| | 13 | AI 1,5-10 BK | 3200195 | Black | ● | ● | ● | ● | ● | |
| | 13 | AI 1,5-10 BK-1000 | 3203134 | Black | ● | ● | ● | ● | ● | |
| | 15 | AI 1,5-12 BK | 3201482 | Black | ● | ● | ● | ● | ● | |
| | 21 | AI 1,5-18 BK | 3200056 | Black | ● | ● | ● | ● | ● | |
| | 21 | AI 1,5-18 RD | 3241125 | Red | ● | ● | ● | ● | ● | |
| | 11 | AI 1,5-8 BK-GB-1000 | 3202892 | Black | ● | ● | ● | ● | ● | |
| | 13 | AI 1,5-10 BK-GB-1000 | 1208872 | Black | ● | ● | ● | ● | ● | |
| | 11 | AI-WM 1,5-8 WH ²⁾ | 3240545 | White | ● | ● | ● | ● | ● | |
| | 15 | AI-XL 1,5-8 BK | 3201916 | Black | ● | ● | ● | ● | ● | |
| 13 | AI-XL 1,5-10 BK | 3201974 | Black | ● | ● | ● | ● | ● | | |
| 2.5 mm ² | 11 | AI 2,5-8 BU | 3200522 | Blue | ● | ● | ● | ● | ● | |
| | 11 | AI 2,5-8 BU-1000 | 3200920 | Blue | ● | ● | ● | ● | ● | |
| | 11 | AI 2,5-8 GY | 3200069 | Gray | ● | ● | ● | ● | ● | |
| | 13 | AI 2,5-10 BU | 3202533 | Blue | ● | ● | ● | ● | ● | |
| | 13 | AI 2,5-10 BU-1000 | 3203147 | Blue | ● | ● | ● | ● | ● | |
| | 15 | AI 2,5-12 BU | 3200962 | Blue | ● | ● | ● | ● | ● | |
| | 15 | AI 2,5-12 GY | 3200205 | Gray | ● | ● | ● | ● | ● | |
| | 21 | AI 2,5-18 BU | 3200580 | Blue | ● | ● | ● | ● | ● | |
| | 21 | AI 2,5-18 GY | 3200072 | Gray | ● | ● | ● | ● | ● | |
| | 11 | AI-WM 2,5-8 BU ³⁾ | 3240572 | Blue | ● | ● | ● | ● | ● | |
| | 13 | AI-XL 2,5-8 BU | 3201929 | Blue | ● | ● | ● | ● | ● | |
| 17 | AI-XL 2,5-12 BU | 3201987 | Blue | ● | ● | ● | ● | ● | | |
| 4 mm ² | 13 | AI 4-10 GY | 3200535 | Gray | ● | ● | ● | ● | | |
| | 13 | AI 4-10 OG | 3200085 | Orange | ● | ● | ● | ● | | |
| | 15 | AI 4-12 GY | 3200959 | Gray | ● | ● | ● | ● | | |
| | 15 | AI 4-12 OG | 3200438 | Orange | ● | ● | ● | ● | | |
| | 21 | AI 4-18 GY | 3200593 | Gray | ● | ● | ● | ● | | |
| | 21 | AI 4-18 OG | 3200098 | Orange | ● | ● | ● | ● | | |
| | 16 | AI-XL 4-10 GY | 3201932 | Gray | ● | ● | ● | ● | | |
| 6 mm ² | 15 | AI 6-12 BK | 3201107 | Black | ● | ● | ● | ● | | |
| | 15 | AI 6-12 GN | 3200108 | Green | ● | ● | ● | ● | | |
| | 15 | AI 6-12 YE | 3200548 | Yellow | ● | ● | ● | ● | | |
| | 21 | AI 6-18 GN | 3200111 | Green | ● | ● | ● | ● | | |
| | 21 | AI 6-18 YE | 3200603 | Yellow | ● | ● | ● | ● | | |

of application crimping tools/ferrules







| | | | | Designation | CRIMPFOX CENTRUS 6S 1213144 | CRIMPFOX CENTRUS 10S 1213154 | CRIMPFOX CENTRUS 6H 1213146 | CRIMPFOX CENTRUS 10H 1213156 | CRIMPFOX 2,5-M 1212719 | CRIMPFOX 6-M 1212720 |
|--------------------------|------------------|-------------------------------------|-----------|----------------|---|---|--|---|---|---|
| | | | | Crimping shape |  |  |  |  |  |  |
| Cross section | Stripping length | Designation | Order No. | Colors |  |  |  |  | | |
| 10 mm ² | 15 | AI 10-12 TR ²⁾ | 1200128 | Transparent | | ● | | ● | | |
| | 21 | AI 10-18 BN | 3200137 | Brown | | ● | | ● | | |
| | 21 | AI 10-18 RD | 3200616 | Red | | ● | | ● | | |
| | 18 | AI-XL 10-12 RD | 3201958 | Red | | ● | | ● | | |
| 16 mm ² | 16 | AI 16-12 BU | 3200564 | Blue | | | | | | |
| | 16 | AI 16-12 GN | 3201152 | Green | | | | | | |
| | 16 | AI 16-12 IV ²⁾ | 3201181 | Ivory | | | | | | |
| | 16 | AI 16-12 WH | 3200140 | White | | | | | | |
| | 22 | AI 16-18 BU | 3200629 | Blue | | | | | | |
| | 22 | AI 16-18 GN | 3201330 | Green | | | | | | |
| | 22 | AI 16-18 WH | 3200153 | White | | | | | | |
| | 18 | AI-XL 16-12 BU ²⁾ | 3201961 | Blue | | | | | | |
| 25 mm ² | 20 | AI 25-16 BK | 3200412 | Black | | | | | | |
| | 20 | AI 25-16 BN | 3201084 | Brown | | | | | | |
| | 20 | AI 25-16 YE | 3200577 | Yellow | | | | | | |
| | 22 | AI 25-18 YE | 3201505 | Yellow | | | | | | |
| | 26 | AI 25-22 BK | 3200739 | Black | | | | | | |
| | 26 | AI 25-22 YE | 3200700 | Yellow | | | | | | |
| 35 mm ² | 20 | AI 35-16 BE | 3201071 | Beige | | | | | | |
| | 20 | AI 35-16 RD | 3200441 | Red | | | | | | |
| | 22 | AI 35-18 RD | 3201495 | Red | | | | | | |
| | 29 | AI 35-25 RD | 3200713 | Red | | | | | | |
| 50 mm ² | 25 | AI 50-20 BU | 3200454 | Blue | | | | | | |
| | 25 | AI 50-20 OL | 3201178 | Olive | | | | | | |
| | 30 | AI 50-25 BU | 3200726 | Blue | | | | | | |
| | 30 | AI 50-25 BK ²⁾ | 3240678 | Black | | | | | | |
| 70 mm ² | 25 | AI 70-20 YE ²⁾ | 3201848 | Yellow | | | | | | |
| 95 mm ² | 30 | AI 95-25 RD ²⁾ | 3201853 | Red | | | | | | |
| 120 mm ² | 32 | AI120-27 BU ²⁾ | 3201822 | Blue | | | | | | |
| 2 x 0.5 mm ² | 11 | AI-TWIN 2 x 0,5-8 WH | 3200933 | White | ● | ● | ● | ● | ● | ● |
| | 13 | AI-TWIN 2 x 0,5-10 WH | 3203309 | White | ● | ● | ● | ● | ● | ● |
| 2 x 0.75 mm ² | 12 | AI-TWIN 2 x 0,75-8 GY | 3200807 | Gray | ● | ● | ● | ● | ● | ● |
| | 12 | AI-TWIN 2 x 0,75-8 BU | 3240668 | Blue | ● | ● | ● | ● | ● | ● |
| | 14 | AI-TWIN 2 x 0,75-10 GY | 3200975 | Gray | ● | ● | ● | ● | ● | ● |
| 2 x 1 mm ² | 12 | AI-TWIN 2 x 1-8 RD | 3200810 | Red | ● | ● | ● | ● | ● | ● |
| | 14 | AI-TWIN 2 x 1-10 RD | 3200988 | Red | ● | ● | ● | ● | ● | ● |
| | 16 | AI-TWIN 2 x 1-12 RD | 3240679 | Red | ● | ● | ● | ● | ● | ● |
| 2 x 1.5 mm ² | 12 | AI-TWIN 2 x 1,5-8 BK | 3200823 | Black | ● | ● | ● | ● | ● | ● |
| | 14 | AI-TWIN 2 x 1,5-10 BK ²⁾ | 3201534 | Black | ● | ● | ● | ● | ● | ● |
| | 16 | AI-TWIN 2 x 1,5-12 BK | 3200991 | Black | ● | ● | ● | ● | ● | ● |
| 2 x 2.5 mm ² | 14 | AI-TWIN 2 x 2,5-10 GY | 3240669 | Gray | ● | ● | ● | ● | ● | ● |
| | 14 | AI-TWIN 2 x 2,5-10 BU | 3200836 | Blue | ● | ● | ● | ● | ● | ● |
| | 17 | AI-TWIN 2 x 2,5-13 BU | 3200878 | Blue | ● | ● | ● | ● | ● | ● |
| 2 x 4 mm ² | 17 | AI-TWIN 2 x 4-12 GY | 3201000 | Gray | ● | ● | ● | ● | ● | ● |
| 2 x 6 mm ² | 19 | AI-TWIN 2 x 6-14 YE | 3201013 | Yellow | | | | | | |
| 2 x 10 mm ² | 19 | AI-TWIN 2 x 10-14 RD | 3201026 | Red | | | | | | |
| 2 x 16 mm ² | 21 | AI-TWIN 2 x 16-16 BU | 3202847 | Blue | | | | | | |
| 0.5 mm ² | 11 | AI 0.5-8 WH S1 | 1200104 | White | | | | | | |

Field of application crimping tools/connectors

| | | | Designation | CRIMPFOX-RC 2,5 1212063 | CRIMPFOX-RC 2,5-M 1212723 | CRIMPFOX-RC 6 1212710 | CRIMPFOX-RC 6-M 1212724 | CRIMPFOX-RC 10 1212061 | CRIMPFOX-RC 25 1212065 |
|---------------------------|---------------------------------------|-------------------|----------------|----------------------------|------------------------------|--------------------------|----------------------------|---------------------------|---------------------------|
| | | | Crimping shape | | | | | | |
| Cross section | Stripping length (reference value) | Designation | Order No. | | | | | | |
| 0.5 ... 1 mm ² | 7 | C-RC 1/M2,5 DIN | 3240069 | ● | ● | ● | ● | | |
| | 7 | C-RC 1/M3 DIN | 3240070 | ● | ● | ● | ● | | |
| | 7 | C-RC 1/M3,5 DIN | 3240071 | ● | ● | ● | ● | | |
| | 7 | C-RC 1/M4 DIN | 3240072 | ● | ● | ● | ● | | |
| | 7 | C-RC 1/M5 DIN | 3240073 | ● | ● | ● | ● | | |
| | 7 | C-RC 1/M6 DIN | 3240074 | ● | ● | ● | ● | | |
| | 7 | C-RC 1/M8 DIN | 3240075 | ● | ● | ● | ● | | |
| 1 ... 2.5 mm ² | 8 | C-RC 2,5/M10 DIN | 3240082 | ● | ● | ● | ● | | |
| | 8 | C-RC 2,5/M3 DIN | 3240076 | ● | ● | ● | ● | | |
| | 8 | C-RC 2,5/M3,5 DIN | 3240077 | ● | ● | ● | ● | | |
| | 8 | C-RC 2,5/M4 DIN | 3240078 | ● | ● | ● | ● | | |
| | 8 | C-RC 2,5/M5 DIN | 3240079 | ● | ● | ● | ● | | |
| | 8 | C-RC 2,5/M6 DIN | 3240080 | ● | ● | ● | ● | | |
| | 8 | C-RC 2,5/M8 DIN | 3240081 | ● | ● | ● | ● | | |
| 2.6 ... 6 mm ² | 9 | C-RC 6/M10 DIN | 3240087 | | | ● | ● | ● | |
| | 9 | C-RC 6/M12 DIN | 3240088 | | | ● | ● | ● | |
| | 9 | C-RC 6/M4 DIN | 3240083 | | | ● | ● | ● | |
| | 9 | C-RC 6/M5 DIN | 3240084 | | | ● | ● | ● | |
| | 9 | C-RC 6/M6 DIN | 3240085 | | | ● | ● | ● | |
| | 9 | C-RC 6/M8 DIN | 3240086 | | | ● | ● | ● | |
| - 10 mm ² | 11 | C-RC 10/M10 DIN | 3240092 | | | | | ● | ● |
| | 11 | C-RC 10/M12 DIN | 3240093 | | | | | ● | ● |
| | 11 | C-RC 10/M5 DIN | 3240089 | | | | | ● | ● |
| | 11 | C-RC 10/M6 DIN | 3240090 | | | | | ● | ● |
| | 11 | C-RC 10/M8 DIN | 3240091 | | | | | ● | ● |
| - 16 mm ² | 13 | C-RC 16/M10 DIN | 3240097 | | | | | | ● |
| | 13 | C-RC 16/M12 DIN | 3240098 | | | | | | ● |
| | 13 | C-RC 16/M5 DIN | 3240094 | | | | | | ● |
| | 13 | C-RC 16/M6 DIN | 3240095 | | | | | | ● |
| | 13 | C-RC 16/M8 DIN | 3240096 | | | | | | ● |
| - 25 mm ² | 14 | C-RC 25/M10 DIN | 3240102 | | | | | | ● |
| | 14 | C-RC 25/M12 DIN | 3240103 | | | | | | ● |
| | 14 | C-RC 25/M16 DIN | 3240104 | | | | | | ● |
| | 14 | C-RC 25/M5 DIN | 3240099 | | | | | | ● |
| | 14 | C-RC 25/M6 DIN | 3240100 | | | | | | ● |
| - 35 mm ² | 15 | C-RC 35/M10 DIN | 3240107 | | | | | | ● |
| | 15 | C-RC 35/M12 DIN | 3240108 | | | | | | ● |
| | 15 | C-RC 35/M16 DIN | 3240109 | | | | | | ● |
| | 15 | C-RC 35/M6 DIN | 3240105 | | | | | | ● |
| | 15 | C-RC 35/M8 DIN | 3240106 | | | | | | ● |
| - 50 mm ² | 19 | C-RC 50/M10 DIN | 3240112 | | | | | | ● |
| | 19 | C-RC 50/M12 DIN | 3240113 | | | | | | ● |
| | 19 | C-RC 50/M16 DIN | 3240114 | | | | | | ● |
| | 19 | C-RC 50/M6 DIN | 3240110 | | | | | | ● |
| | | | 3240111 | | | | | | ● |

| CRIMPFOX-RCI 2.5-M 1212728 |  | |
|------------------------------------|---|---|
| CRIMPFOX-RCI 6 1212057 |  | |
| CRIMPFOX-RCI 6-1 1212059 |  | |
| CRIMPFOX-RCI 6-M 1212730 |  | |
| CRIMPFOX-SC 1,5 1212048 |  | |
| CRIMPFOX-SC 1,5-M 1212725 |  | |
| CRIMPFOX-SC 6 1212050 |  | |
| CRIMPFOX-M + dies 1212072 | |  |
| CRIMPFOX-C120 + dies 1212318 | |  |
| CRIMPFOX-C50 + dies 1212340 | |  |

Field of application crimping tools/connectors

| | | | Designation | CRIMPFOX-RC 2,5 1212063 | CRIMPFOX-RC 2,5-M 1212723 | CRIMPFOX-RC 6 1212710 | CRIMPFOX-RC 6-M 1212724 | CRIMPFOX-RC 10 1212061 | CRIMPFOX-RC 25 1212065 |
|-----------------------------|------------------|-----------------|----------------|---|---|--|---|---|---|
| | | | Crimping shape |  |  |  |  |  |  |
| Cross section | Stripping length | Designation | Order No. | | | | | | |
| 0.5 ... 1.5 mm ² | 7 | C-RCI 1,5/M3 | 3240016 | | | | | | |
| | 7 | C-RCI 1,5/M3,5 | 3240017 | | | | | | |
| | 7 | C-RCI 1,5/M4 | 3240018 | | | | | | |
| | 7 | C-RCI 1,5/M5 | 3240019 | | | | | | |
| | 7 | C-RCI 1,5/M6 | 3240020 | | | | | | |
| 1.5 ... 2.5 mm ² | 8 | C-RCI 2,5/M3 | 3240021 | | | | | | |
| | 8 | C-RCI 2,5/M3,5 | 3240022 | | | | | | |
| | 8 | C-RCI 2,5/M4 | 3240023 | | | | | | |
| | 8 | C-RCI 2,5/M5 | 3240024 | | | | | | |
| | 8 | C-RCI 2,5/M6 | 3240025 | | | | | | |
| 4 ... 6 mm ² | 9 | C-RCI 2,5/M8 | 3240026 | | | | | | |
| | 9 | C-RCI 6/M10 | 3240031 | | | | | | |
| | 9 | C-RCI 6/M4 | 3240027 | | | | | | |
| | 9 | C-RCI 6/M5 | 3240028 | | | | | | |
| | 9 | C-RCI 6/M6 | 3240029 | | | | | | |
| - 10 mm ² | 9 | C-RCI 6/M8 | 3240030 | | | | | | |
| | 11 | C-RCI 10/M10 | 3240222 | | | | | | |
| | 11 | C-RCI 10/M5 | 3240219 | | | | | | |
| | 11 | C-RCI 10/M6 | 3240220 | | | | | | |
| 0.5 ... 1.5 mm ² | 11 | C-RCI 10/M8 | 3240221 | | | | | | |
| | 7 | C-RCEI 1,5/M3 | 3241201 | | | | | | |
| | 7 | C-RCEI 1,5/M3,5 | 3241202 | | | | | | |
| | 7 | C-RCEI 1,5/M4 | 3241203 | | | | | | |
| | 7 | C-RCEI 1,5/M5 | 3241204 | | | | | | |
| 1.5 ... 2.5 mm ² | 7 | C-RCEI 1,5/M6 | 3241205 | | | | | | |
| | 8 | C-RCEI 2,5/M3,5 | 3241206 | | | | | | |
| | 8 | C-RCEI 2,5/M4 | 3241207 | | | | | | |
| | 8 | C-RCEI 2,5/M5 | 3241208 | | | | | | |
| | 8 | C-RCEI 2,5/M6 | 3241209 | | | | | | |
| 4 ... 6 mm ² | 8 | C-RCEI 2,5/M8 | 3241210 | | | | | | |
| | 9 | C-RCEI 6/M10 | 3241214 | | | | | | |
| | 9 | C-RCEI 6/M5 | 3241211 | | | | | | |
| | 9 | C-RCEI 6/M6 | 3241212 | | | | | | |
| 0.5 ... 1.5 mm ² | 9 | C-RCEI 6/M8 | 3241213 | | | | | | |
| | 7 | C-FC 1,5/M3 | 3240137 | ● | ● | ● | ● | | |
| | 7 | C-FC 1,5/M3,5 | 3240138 | ● | ● | ● | ● | | |
| | 7 | C-FC 1,5/M4 | 3240139 | ● | ● | ● | ● | | |
| | 7 | C-FC 1,5/M5 | 3240140 | ● | ● | ● | ● | | |
| 1.5 ... 2.5 mm ² | 7 | C-FC 1,5/M6 | 3240141 | ● | ● | ● | ● | | |
| | 8 | C-FC 2,5/M3 | 3240142 | ● | ● | ● | ● | | |
| | 8 | C-FC 2,5/M3,5 | 3240143 | ● | ● | ● | ● | | |
| | 8 | C-FC 2,5/M4 | 3240144 | ● | ● | ● | ● | | |
| | 8 | C-FC 2,5/M5 | 3240145 | ● | ● | ● | ● | | |
| 2.6 ... 6 mm ² | 8 | C-FC 2,5/M6 | 3240146 | ● | ● | ● | ● | | |
| | 8 | C-FC 2,5/M8 | 3240147 | ● | ● | ● | ● | | |
| | 9 | C-FC 6/M4 | 3240148 | | | ● | ● | ● | |
| | 9 | C-FC 6/M5 | 3240149 | | | ● | ● | ● | |
| 7 | 9 | C-FC 6/M6 | 3240150 | | | ● | ● | ● | |
| | 9 | C-FC 6/M8 | 3240151 | | | ● | ● | ● | |
| | 7 | C-FCI 1,5/M3 | 3240032 | | | | | | |
| 7 | C-FCI 1,5/M3,5 | 3240033 | | | | | | | |

Field of application crimping tools/connectors

| | | Designation | CRIMPFOX-RC 2,5 1212063 | CRIMPFOX-RC 2,5-M 1212723 | CRIMPFOX-RC 6 1212710 | CRIMPFOX-RC 6-M 1212724 | CRIMPFOX-RC 10 1212061 | CRIMPFOX-RC 25 1212065 |
|-----------------------------|------------------------------|-----------------------|----------------------------|------------------------------|--------------------------|----------------------------|---------------------------|---------------------------|
| | | Crimping shape | | | | | | |
| Cross section | Stripping length (reference) | Designation | Order No. | | | | | |
| 1.5 ... 2.5 mm ² | 8 | C-FCI 2,5/M5 | 3240040 | | | | | |
| | 8 | C-FCI 2,5/M6 | 3240041 | | | | | |
| 4 ... 6 mm ² | 9 | C-FCI 6/M4 | 3240042 | | | | | |
| | 9 | C-FCI 6/M5 | 3240043 | | | | | |
| | 9 | C-FCI 6/M6 | 3240044 | | | | | |
| | 9 | C-FCI 6/M8 | 3240045 | | | | | |
| 0.5 ... 1.5 mm ² | 7 | C-PCEI 1,5/2 | 3241215 | | | | | |
| 1.5 ... 2.5 mm ² | 8 | C-PCEI 2,5/2 | 3241216 | | | | | |
| 4 ... 6 mm ² | 9 | C-PCEI 6/2 | 3241217 | | | | | |
| 0.5 ... 1.5 mm ² | 7 | C-PCI 1,5/2 | 3240064 | | | | | |
| 1.5 ... 2.5 mm ² | 8 | C-PCI 2,5/2 | 3240066 | | | | | |
| 4 ... 6 mm ² | 9 | C-PCI 6/2,7 | 3240068 | | | | | |
| 0.5 ... 1.5 mm ² | 7 | C-BCI 1,5/2,8 | 3240015 | | | | | |
| | 7 | C-BCI 1,5/4,6 | 3240568 | | | | | |
| 1.5 ... 2.5 mm ² | 8 | C-BCI 2,5/2,8 | 3240046 | | | | | |
| | 8 | C-BCI 2,5/4,6 | 3240569 | | | | | |
| 4 ... 6 mm ² | 9 | C-BCI 6/2,8 | 3240047 | | | | | |
| | 9 | C-BCI 6/4,6 | 3240570 | | | | | |
| 0.5 ... 1.5 mm ² | 7 | C-BCSI 1,5/9 x 2,8 | 3240531 | | | | | |
| 1.5 ... 2.5 mm ² | 8 | C-BCSI 2,5/9 x 2,8 | 3240532 | | | | | |
| | 9 | C-BCSI 6/10 x 2,8 | 3240546 | | | | | |
| 4 ... 6 mm ² | 9 | C-BCSI 6/18 x 4,5 | 3240533 | | | | | |
| | 7 | C-SCF 1/2,8 x 0,5 | 3240152 | | | | | |
| 0.5 ... 1 mm ² | 7 | C-SCF 1/2,8 x 0,8 | 3240153 | | | | | |
| | 7 | C-SCF 1,5/4,8 x 0,5 | 3240154 | | | | | |
| 0.5 ... 1.5 mm ² | 7 | C-SCF 1,5/4,8 x 0,8 | 3240155 | | | | | |
| | 7 | C-SCF 1,5/6,3 x 0,8 | 3240156 | | | | | |
| 1.5 ... 2.5 mm ² | 8 | C-SCF 2,5/4,8 x 0,5 | 3240157 | | | | | |
| | 8 | C-SCF 2,5/4,8 x 0,8 | 3240158 | | | | | |
| 4 ... 6 mm ² | 8 | C-SCF 2,5/6,3 x 0,8 | 3240159 | | | | | |
| | 9 | C-SCF 6/6,3 x 0,8 | 3240160 | | | | | |
| 0.5 ... 1.5 mm ² | 7 | C-SCFFI 1,5/2,8 x 0,5 | 3240534 | | | | | |
| | 7 | C-SCFFI 1,5/2,8 x 0,8 | 3240535 | | | | | |
| | 7 | C-SCFFI 1,5/4,8 x 0,5 | 3240536 | | | | | |
| | 7 | C-SCFFI 1,5/4,8 x 0,8 | 3240537 | | | | | |
| | 7 | C-SCFFI 1,5/6,3 x 0,8 | 3240538 | | | | | |
| 1.5 ... 2.5 mm ² | 8 | C-SCFFI 2,5/4,8 x 0,5 | 3240539 | | | | | |
| | 8 | C-SCFFI 2,5/4,8 x 0,8 | 3240540 | | | | | |
| 4 ... 6 mm ² | 8 | C-SCFFI 2,5/6,3 x 0,8 | 3240547 | | | | | |
| | 9 | C-SCFFI 6/6,3 x 0,8 | 3240541 | | | | | |
| 0.5 ... 1.5 mm ² | 7 | C-SCFI 1,5/2,8 x 0,5 | 3240048 | | | | | |
| | 7 | C-SCFI 1,5/2,8 x 0,8 | 3240049 | | | | | |
| | 7 | C-SCFI 1,5/4,8 x 0,5 | 3240050 | | | | | |
| | 7 | C-SCFI 1,5/4,8 x 0,8 | 3240051 | | | | | |
| 1.5 ... 2.5 mm ² | 7 | C-SCFI 1,5/6,3 x 0,8 | 3240052 | | | | | |
| | 8 | C-SCFI 2,5/4,8 x 0,5 | 3240053 | | | | | |
| | 8 | C-SCFI 2,5/4,8 x 0,8 | 3240054 | | | | | |
| | 8 | C-SCFI 2,5/6,3 x 0,8 | 3240055 | | | | | |
| 4 ... 6 mm ² | 9 | C-SCFI 6/6,3 x 0,8 | 3240056 | | | | | |
| 0.5 ... 1.5 mm ² | 7 | C-SCFMI 1,5/6,3 x 0,8 | 3240529 | | | | | |
| 1.5 ... 2.5 mm ² | 8 | C-SCFMI 2,5/6,3 x 0,8 | 3240530 | | | | | |
| 0.5 ... 1.5 mm ² | 7 | C-SCM 1,5/6,3 x 0,8 | 3240161 | | | | | |
| 1.5 ... 2.5 mm ² | 8 | C-SCM 2,5/6,3 x 0,8 | 3240162 | | | | | |
| 0.5 ... 1.5 mm ² | 7 | C-SCMI 1,5/6,3 x 0,8 | 3240528 | | | | | |



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