



Hand tools – TOOL fox

The TOOL fox range of tools offers processing and measuring tools for all electrical engineering applications.

The ergonomically designed tools for cutting, stripping, crimping, screwing, and testing impress with their optimum handling and quality. Specially hardened tool steels ensure maximum durability.

Cutting machines, stripping machines, and crimping machines are available which can be used to automate steps.

A wide range of connectors rounds off the product range.

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Professional cutting



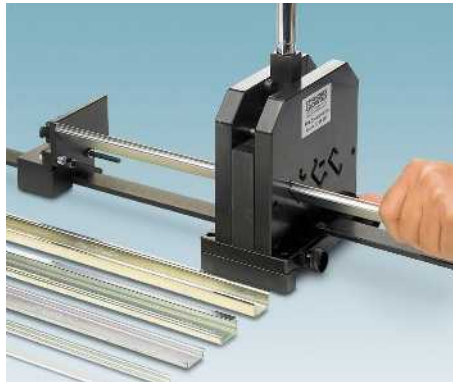
Professional stripping



Professional crimping



There is an optimum cable cutter available for every application. The various versions enable professional processing of conductors and cables with a diameter of up to 100 mm. All parts of the cable cutters that are subject to particular strain are tempered and specially hardened.



Profile cutters are available for rapid processing of DIN rails and cable ducts without chips or burrs. An optional hydraulic unit can be attached to convert manual DIN rail cutters into automatic ones.



The stripping tools can strip all types of conductors and cables quickly, precisely, and reliably. They adapt automatically to the conductor cross section concerned.



The CRIMPFOX 4 IN 1 are multifunctional crimping pliers for processing conductors and ferrules. A variety of work steps can be performed with just a single tool: cutting, stripping, twisting, and crimping.



The product innovation for switchgear manufacturing is the CRIMPHANDY, a battery-powered, portable hand-held device. The CRIMPHANDY strips and crimps the conductor in under two seconds. This results in time savings of 75%.



The extensive range of professional crimping pliers can be used to process a variety of contact types with a cross section of up to 120 mm². The innovative design and ergonomically shaped handles reduce the forces required by up to 30 percent.



With their interchangeable dies, the CRIMPFOX-M universal crimping pliers can be used to process all kinds of contacts. The dies can be changed quickly and easily without the need for additional tools.



With their precise torque-setting, the torque and cordless screwdrivers are the perfect complement to the Phoenix Contact range of screw terminal blocks. The wide range of hardened BIT screwdriver inserts makes the products suitable for universal use.



Our multimeters, current pliers, and voltage testers are high-quality measuring tools, which have been tested and approved in accordance with national and international standards.

Hand tools

CUTFOX cable cutters

- CUTFOX ... cable cutters for professional cutting results
- Ideal cutting geometries enable the lowest actuation forces
- Ergonomic handle design to eliminate fatigue when working
- All parts of the cable cutters that are subject to particular strain are tempered or specially hardened



Up to a maximum conductor diameter of 12 mm



Up to a maximum conductor diameter of 18 mm

| Description |
|--|
| Cable cutter , for copper and aluminum (flexible) up to 12 mm diameter (up to 35 mm ²), size: 165 mm |
| Cable cutter , angled, with adjustable screw joint, for copper and aluminum (flexible) up to 18 mm diameter (up to 50 mm ²), size: 180 mm |
| Electrician's scissors , high cutting performance, thanks to micro-serrated cutting area, suitable for copper, aluminum (flexible), Kevlar® fibers, and plastic, two-component non-slip soft-grip handles, ergonomic design, adjustable screw joint |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX 12 | 1212128 | 1 |
| CUTFOX-ES | 1212621 | 1 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX 18 | 1212129 | 1 |

CUTFOX one-handed ring cable cutters

- CUTFOX ... one-handed ring cable cutters for professional cutting results
- Extremely robust design
- Minimum deformation of the conductors and cables
- Can be released in all positions
- Superb cutting quality
- Little force needed due to ratchet function



Up to a maximum conductor diameter of 50 mm, steel-armored



Up to a maximum conductor diameter of 45 mm

| Description |
|--|
| Ring cable cutter , with ratchet function, for copper and aluminum (flexible) up to a diameter of 50 mm, for steel-armored CU/AL cables, for stranded steel cables up to a diameter of 12 mm, equipped with needle bearings, size: 260 mm |
| Ring cable cutter , with ratchet function, for copper and aluminum (flexible) up to 45 mm diameter (up to 300 mm ²), size: 260 mm |
| Ring cable cutter , with ratchet function, for copper and aluminum (flexible) up to 52 mm diameter (up to 300 mm ²), size: 325 mm |

| Ordering data | | |
|-----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX 50 STEEL | 1212526 | 1 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX 45 | 1212132 | 1 |
| CUTFOX 52 | 1212133 | 1 |

| Accessories | | |
|--------------------|---------|---|
| CUTFOX 50 STEEL/SB | 1200291 | 1 |

| Accessories | | |
|-------------|--|--|
| | | |

CUTFOX one-handed front cable cutters

- CUTFOX ... cable cutters for professional cutting results
- With ratchet function for minimum effort
- All parts of the cable cutters that are subject to particular strain are tempered or specially hardened
- Ideal in tight workspaces
- Adjustable screw joint
- Can be released in all positions
- Particularly robust



Up to a maximum conductor diameter of 25 mm



Up to a maximum conductor diameter of 35 mm

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX 25 | 1212130 | 1 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX 35 | 1212131 | 1 |

| Description |
|---|
| Cable cutter , with ratchet function, for copper and aluminum (flexible) up to 25 mm diameter (up to 185 mm ²), size: 245 mm |
| Cable cutter , with ratchet function, for copper and aluminum (flexible) up to 35 mm diameter (up to 240 mm ²), size: 245 mm |

CUTFOX two-handed ring cable cutters

- CUTFOX ... two-handed ring cable cutters for professional cutting results
- Suitable for conductors with a diameter of up to 100 mm
- With ratchet function for minimum effort
- Can be released in all positions
- Superb cutting quality
- Extremely robust design
- Lowest possible deformation of conductors and cables



Up to a maximum conductor diameter of 62 mm



Up to a maximum conductor diameter of 100 mm

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX 62 | 1212134 | 1 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX 100 | 1212135 | 1 |

| Description |
|---|
| Two-handed ring cable cutter , with ratchet function, for copper and aluminum (flexible) up to 62 mm diameter (up to 750 mm ²), size: 410 mm |
| Two-handed ring cable cutter , with ratchet function, for copper and aluminum (flexible) up to 100 mm diameter (up to 1400 mm ²), size: 610 mm |

Tools – TOOL fox

Hand tools

Cutting tools for special applications

- The CUTFOX-FBS cutting tool is suitable for cutting out individual bars from FBS ... plug-in bridges
- Screw-on bridges can be cut to length with the CUTFOX FB without crushing them



Front cutting tool for cutting out plug-in and insertion bridges



Cutting tool for screw-on bridges

| |
|---|
| Description |
| Cutting tool , for separating individual bridge bars from FBS ... plug-in bridges and EB ... insertion bridges, size: 260 mm |
| Bridge cutting tool , for cutting FBI ... fixed bridges to length, size: 165 mm |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX-FBS | 1212124 | 1 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX FB | 1205985 | 1 |

Cutting tools for special applications

- VDE-tested cutting tools made from special high-grade tool steel
- Inductively hardened blades for long-term stable cutting performance



Cable cutter for conductors with a diameter of up to 16 mm (VDE)



Cable cutter for conductors with a diameter of up to 25 mm (VDE)

| |
|---|
| Description |
| Cable cutter , precision blade with macro-notching, for copper and aluminum (flexible) up to 50 mm ² , VDE 1000 V AC/1500 V DC tested, size: 160 mm |
| Cable cutter , precision blade with macro-notching, for copper and aluminum (flexible) up to 70 mm ² , VDE 1000 V AC/1500 V DC tested, size: 210 mm |
| Cable cutter , for laminated busbars/ribbed tape measuring up to 6 x 16 x 0.8 mm, copper and aluminum cables (flexible) with a diameter of up to 25 mm, VDE 1000 V AC, 1500 V DC, size: 210 mm |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX 16 VDE | 1212126 | 1 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX 25 VDE | 1212127 | 1 |
| CUTFOX-LB VDE | 1212527 | 1 |

Cutting tools for special applications

- VDE-tested cutting tools made from special high-grade tool steel
- Inductively hardened blades for long-term stable cutting performance



Diagonal cutter (VDE)



Diagonal cutter (VDE)

| Description | Ordering data | | | Type | Ordering data | | |
|--|---------------|-----------|-----------|----------------|---------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. | | Type | Order No. | Pcs./Pkt. |
| Diagonal cutter , with optimized leverage, VDE 1000 V AC/1500 V DC tested, size: 160 mm | CUTFOX-S VDE | 1212207 | 1 | | | | |
| Diagonal cutter , with optimized leverage, VDE 1000 V AC/1500 V DC tested, size: 130 mm | | | | CUTFOX-S VDE M | 1212830 | 1 | |

Automatic cutting device for conductors and cables



- The automatic cutting device can be used to cut conductors, cables, and similar profiles
- It impresses with its easy handling and enables materials to be changed in a matter of seconds
- For further information, accessories, and technical data, refer to the AUTOMATIC DEVICES section

Notes:

An application video can be found in the download area for the relevant product on our website at phoenixcontact.net/products.

Conductor cross sections from 0.08 to 10 mm²

| Description | Ordering data | | |
|--|---------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. |
| Automatic cutting device , 100 - 240 V/50 - 60 Hz version, for conductors and cables with a diameter of up to 8 mm, rigid (up to 2.5 mm ²) and flexible (up to 10 mm ²) | CUTFOX 10 | 1206829 | 1 |

Tools – TOOL fox

Hand tools

CUTFOX bolt cutters

- CUTFOX-SP ... VDE cutting tools are ideal for precise and effortless cutting of bolts, nails, rivets, steel wire, and other similar hard materials
- VDE-tested cutting tools made from special high-grade tool steel
- Inductively hardened blades for permanently stable cutting performance



Diagonal cutter



Diagonal cutter with lever (VDE)

| Description | Ordering data | | | Ordering data | | |
|---|---------------|-----------|-----------|--------------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Power diagonal cutter , with optimized leverage, also suitable for piano wire, VDE 1000 V AC/1500 V DC tested, size: 200 mm | CUTFOX-SP VDE | 1212206 | 1 | | | |
| Power diagonal cutter , with optimized leverage, also suitable for bolts and piano wire, VDE 1000 V AC/ 1500 V DC tested, size: 200 mm | | | | CUTFOX-SP BOLT VDE | 1212831 | 1 |

CUTFOX cutting tools, angled design

- CUTFOX-SE LM electrician's diagonal cutter with stripping and cutting area
- Ergonomic handle design to eliminate fatigue when working
- All parts of the diagonal cutters that are subject to particular strain are tempered or specially hardened



Diagonal cutter, angled



Electrician's diagonal cutter, angled

| Description | Ordering data | | | Ordering data | | |
|--|---------------|-----------|-----------|---------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Diagonal cutter , angled design, size:180 mm | CUTFOX-SE | 1212832 | 1 | | | |
| Electrician's diagonal cutter , angled design, with stripping, crimp, and bending function, screw pincers up to M3.5/M4, size: 180 mm | | | | CUTFOX-SE LM | 1212833 | 1 |

UNIFOX universal tools

- UNIFOX ... VDE fully insulated combination pliers in straight and angled versions
- Ergonomic handle design to eliminate fatigue when working
- Excellent transmission ratios for excellent gripping and cutting performance
- Noticeably less force required on the part of the user



Combination pliers (VDE)



Combination pliers (VDE), angled



| Description | Ordering data | | | Ordering data | | |
|--|----------------|-----------|-----------|---------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Combination pliers, notched gripping surface, VDE 1000 V AC/1500 V DC tested, size: 180 mm | UNIFOX-C VDE | 1212202 | 1 | | | |
| Combination pliers, notched gripping surface, VDE 1000 V AC/1500 V DC tested, size: 165 mm | UNIFOX-C VDE M | 1212834 | 1 | | | |
| Combination pliers, angled design, with opening spring and locking device, cross-notched gripping surface, integrated M8 - M10 ring wrench, VDE 1000 V AC/1500 V DC tested, size: 200 mm | | | | UNIFOX-CE VDE | 1212203 | 1 |

UNIFOX universal tools

- Individually tested safety tools in accordance with DIN EN 60900 (VDE 0682-201)
- For working on or in the vicinity of live parts up to 1000 V AC or 1500 V DC
- The tools feature ergonomic two-component safety handles



Needle-nose pliers (VDE)



Needle-nose pliers (VDE), curved and angled



| Description | Ordering data | | | Ordering data | | |
|--|---------------|-----------|-----------|---------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Needle-nose pliers with cutter, notched gripping surface, VDE 1000 V AC/1500 V DC tested, size: 170 mm | UNIFOX-P VDE | 1212204 | 1 | | | |
| Needle-nose pliers with cutter, angled 45°, notched gripping surface, VDE 1000 V AC/1500 V DC tested, size: 170 mm | UNIFOX-PC VDE | 1212205 | 1 | | | |
| Needle-nose pliers, angled design, with opening spring and locking device, finely notched gripping surface, stripping possible for 1.5 mm ² and 2.5 mm ² , integrated M8 - M10 ring wrench, VDE 1000 V AC/1500 V DC tested, size: 200 mm | | | | UNIFOX-PE VDE | 1212529 | 1 |

Tools – TOOL fox

Hand tools

UNIFOX universal tools

- UNIFOX ... flat and round-nose pliers with VDE protective insulation
- Finely notched gripping surfaces
- Ergonomic handle design to eliminate fatigue when working



Flat-nose pliers (VDE)



SUNCLIX mounting pliers

| | | Ordering data | | | Ordering data | | |
|--|-------|---------------|-----------|-----------|---------------|-----------|-----------|
| Description | Color | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Flat-nose pliers , finely notched gripping surface, VDE 1000 V AC/1500 V DC tested, size: 160 mm | black | UNIFOX-F VDE | 1212363 | 1 | | | |
| Round-nose pliers , finely notched gripping surface, VDE 1000 V AC/1500 V DC tested, size: 160 mm | black | UNIFOX-R VDE | 1212364 | 1 | | | |
| Mounting pliers , for snapping the SUNCLIX crimp contacts into the plastic housing, curved 35°, suitable for a conductor diameter of 4.2 mm ... 6.0 mm. | black | | | | UNIFOX SR 6 | 1200137 | 1 |

UNIFOX cable tie tools for plastic and stainless steel cable ties

- Ergonomic tool for attaching and detaching cable ties in a single operation
- The infinitely adjustable tension force is indicated by a scale in the handle area
- If the tension force is reached, the remainder is automatically severed for a flush finish



Cable tie tool for plastic cable ties



Cable tie tool for stainless steel cable ties

| | | Ordering data | | | Ordering data | | |
|---|--|----------------|-----------|-----------|-----------------|-----------|-----------|
| Description | | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Cable tie tool , for plastic cable ties with a width of 2.2 - 4.8 mm, for a material thickness of up to 1.6 mm | | UNIFOX-CT 4,8 | 1212475 | 1 | | | |
| Ergonomically designed grip with comfortable tension force adjustment | | UNIFOX-CT 4,8P | 1212609 | 1 | | | |
| Cable tie tool , for steel cable ties with a width of up to 7.9 mm, material thickness of up to 0.3 mm | | | | | UNIFOX-CT M 7,9 | 1212610 | 1 |

UNIFOX screw pliers and water pump pliers

- Screw wrench and pliers in one: zero-play grip and secure screwing of screws and nut areas
- Smooth jaws prevent the usual damage to screws and nuts from wrenches and pipe wrenches
- With automatic fast adjustment without unlock button



Screw pliers



Water pump pliers

| Description | Ordering data | | | Ordering data | | |
|---|---------------|-----------|-----------|---------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Screw pliers , with fast adjustment, smooth gripping surfaces, for wrench size 10 - 36 mm, 260 mm | UNIFOX-WRENCH | 1212835 | 1 | | | |
| Water pump pliers , with groove joint, gripping surfaces with dual notching, in acc. with VDE ISO 8976, size: 240 mm | | | | UNIFOX-WP | 1212365 | 1 |

UNIFOX punch pliers

- The nickel-plated punch pliers with round mandrel punch holes with a 2 mm diameter.
- With opening springs, for comfortable and low-fatigue application
- The jaw depth is 30 mm



Punch pliers

| Description | Ordering data | | |
|--|---------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. |
| Punch pliers , with 2 mm round mandrel, nickel-plated, jaw depth: 30 mm, total length: 120 mm | UNIFOX-HP | 1212625 | 1 |

Hand tools

Unlocking tool



- Tool for mounting and removing HEAVYCON contacts
- With movable fall protection integrated in the handle
- Removal tool for CK1,6-ED .../ CK1,6-ER .../CK1,6 ...POF series contacts

new



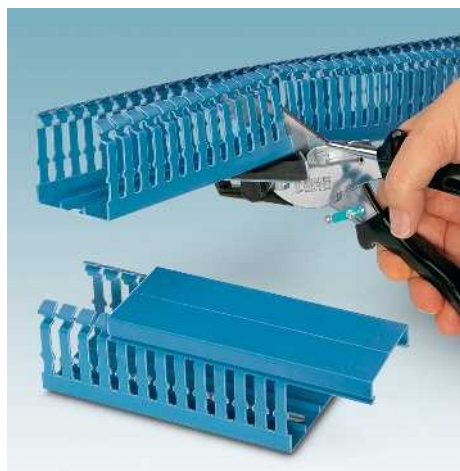
Removal tool

ERC

Ordering data

| Ordering data | | | |
|--|------------------|-----------|-----------|
| Description | Type | Order No. | Pcs./Pkt. |
| Unlocking tool, for CK1,6-... turned and rolled contacts | | | |
| | UNIFOX RT-CK 1.6 | 1072069 | 1 |
| | UNIFOX RT-CK 2.5 | 1072067 | 1 |
| | UNIFOX RT-CK 4.0 | 1072064 | 1 |

Cable duct cutter



- Easy, burr-free cutting with minimum effort, thanks to the special cutting geometry and optimum leverage
- Non-slip ergonomic grip
- With opening spring and locking mechanism
- Limit stop for 45° and 90° sections
- 75 mm cutting width

| | |
|---------------------|------|
| Dimensions | [mm] |
| General data | |
| Weight | [kg] |

| | |
|--------------------------|--|
| Description | |
| Cable duct cutter | |
| Limit stop, 90° | |



Cable duct cutter

| Technical data | | |
|----------------|--------|--------|
| Width | Length | Height |
| - | 245 | - |
| 0.43 | | |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CUTFOX-CD | 1212474 | 1 |

| Accessories | | |
|-----------------|---------|---|
| CUTFOX-CD/ES 90 | 1200289 | 1 |

Cable duct cutter



- Leverage and special cutting geometry enables easy, burr-free cutting with minimum effort
- Grip protection for safety
- Metric measuring rail with adjustable limit stop
- 125 mm cutting width
- Material thickness of up to 2.5 mm

| | |
|------------------------------|------|
| Dimensions | [mm] |
| General data | |
| Length of the measuring rail | [mm] |
| Length of the hand lever | [mm] |

| | |
|---|--|
| Description | |
| Cable duct cutter | |
| Replacement blade, for PPS CD M | |
| Replacement counter support (grip protection), for PPS CD M | |
| Workbench, with plywood panel 700 x 1200 x 50 mm, without mounting screws and bore holes | |



Cable duct cutter

| Technical data | | |
|----------------|--------|--------|
| Width | Length | Height |
| 285 | 280 | 290 |
| 1000 | | |
| 500 | | |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| PPS CD M | 1207569 | 1 |

| Accessories | | |
|---------------|---------|---|
| PPS CD BLADE | 1207572 | 1 |
| PPS CD M COHO | 1208995 | 1 |
| PPS TABLE | 1206285 | 1 |

Hand tools

Profile cutters



DIN rail cutter

- The PPS BASIC I/M is the lightweight version of the profile cutters. It can process the common EN DIN rails NS 35/15, NS 35/7,5 and NS 15, and the NLS-CU 3/10 neutral busbar
- The PPS STANDARD ... and PPS CLASSIC ... are equipped with two stamping bits for round holes or elongated holes
- The PPS CLASSIC ... is the ideal choice for varying hole formats. By simply folding open the upper part of the PPS ..., the stamping bits are changed in no time at all

| Dimensions | |
|------------------------------|------|
| | [mm] |
| General data | |
| Weight | [kg] |
| Length of the measuring rail | [mm] |
| Length of the hand lever | [mm] |

| Technical data | | |
|----------------|--------|--------|
| Width | Length | Height |
| 150 | 60 | 180 |
| 8.3 | 1000 | 590 |

| Description | |
|---|--|
| DIN rail cutter , for cutting standard DIN rails to length, NS 15 / NS 35/7,5/NS 35/15 and for cutting the NLS-CU 3/10 neutral busbar to length, with inch/metric measuring rail | |
| DIN rail cutter , for cutting and punching standard DIN rails to length, NS 32 / NS 35/7,5 / NS 35/15 and for cutting the NS 15 and NLS-CU 3/10 neutral busbar to length, to accommodate 2 stamping bits, with metric measuring rail, supplied without stamping bits | |
| As above, but with inch/metric measuring rail | |
| DIN rail cutter , for cutting and punching standard DIN rails to length, NS 32 / NS 35/7,5 / NS 35/15 and for cutting the NS 15 and NLS-CU 3/10 neutral busbar to length, to accommodate 2 stamping bits, easy exchange of stamping bits, with metric measuring rail, supplied without stamping bits | |
| As above, but with inch/metric measuring rail | |
| Hydraulic cylinder , for connection to an existing hydraulic system, operating pressure of 160 - 220 bar, G 1/4" connection thread, with spring reset, only suitable for PPS STANDARD ... | |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| PPS BASIC I/M | 1207585 | 1 |

| |
|--|
| Stamping bit , for elongated holes, lengthways 3.5 x 12 mm 4.5 x 12 mm 5.5 x 12 mm 6.5 x 15 mm |
| Stamping bit , for elongated holes, vertical 3.5 x 12 mm 4.5 x 12 mm 5.5 x 12 mm 6.5 x 15 mm |
| Stamping bit , for round holes 3.8 mm Ø 4.3 mm Ø 5.3 mm Ø 6.4 mm Ø 7.0 mm Ø 8.4 mm Ø |
| Hydraulic cylinder , for connection to an existing hydraulic system, operating pressure of 160 - 220 bar, G 1/4" connection thread, with spring reset, only suitable for PPS STANDARD ... |
| Workbench , with plywood panel 700 x 1200 x 50 mm, without mounting screws and bore holes |

| Accessories | | |
|-------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| PPS TABLE | 1206285 | 1 |



DIN rail cutter with bore hole die



DIN rail cutter with piercer and quick change mechanism



Hydraulic cylinder

| Technical data | | |
|----------------|--------|--------|
| Width | Length | Height |
| 180 | 100 | 220 |
| 19 | 1000 | 1000 |

| Technical data | | |
|----------------|--------|--------|
| Width | Length | Height |
| 250 | 100 | 230 |
| 19 | 1000 | 1000 |

| Technical data | | |
|----------------|--------|--------|
| Width | Length | Height |
| 95 | 95 | 110 |
| 3 | - | - |

| Ordering data | | |
|------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| PPS STANDARD M | 1206175 | 1 |
| PPS STANDARD I/M | 1206230 | 1 |

| Ordering data | | |
|-----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| PPS CLASSIC M | 1206243 | 1 |
| PPS CLASSIC I/M | 1206256 | 1 |

| Ordering data | | |
|-------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| PPS HYDRAULIC CYL | 1208924 | 1 |

| Accessories | | |
|-------------------|---------|---|
| PPS-ST (3,5X12)L | 1203563 | 1 |
| PPS-ST (4,5X12)L | 1203534 | 1 |
| PPS-ST (5,5X12)L | 1202603 | 1 |
| PPS-ST (6,5X15)L | 1202593 | 1 |
| PPS-ST (3,5X12)Q | 1203550 | 1 |
| PPS-ST (4,5X12)Q | 1203547 | 1 |
| PPS-ST (5,5X12)Q | 1203411 | 1 |
| PPS-ST (6,5X15)Q | 1203408 | 1 |
| PPS-ST (3,8) | 1204892 | 1 |
| PPS-ST (4,3) | 1202616 | 1 |
| PPS-ST (5,3) | 1202629 | 1 |
| PPS-ST (6,4) | 1202632 | 1 |
| PPS-ST (7,0) | 1204889 | 1 |
| PPS-ST (8,4) | 1202726 | 1 |
| PPS HYDRAULIC CYL | 1208924 | 1 |
| PPS TABLE | 1206285 | 1 |

| Accessories | | |
|------------------|---------|---|
| PPS-ST (3,5X12)L | 1203563 | 1 |
| PPS-ST (4,5X12)L | 1203534 | 1 |
| PPS-ST (5,5X12)L | 1202603 | 1 |
| PPS-ST (6,5X15)L | 1202593 | 1 |
| PPS-ST (3,5X12)Q | 1203550 | 1 |
| PPS-ST (4,5X12)Q | 1203547 | 1 |
| PPS-ST (5,5X12)Q | 1203411 | 1 |
| PPS-ST (6,5X15)Q | 1203408 | 1 |
| PPS-ST (3,8) | 1204892 | 1 |
| PPS-ST (4,3) | 1202616 | 1 |
| PPS-ST (5,3) | 1202629 | 1 |
| PPS-ST (6,4) | 1202632 | 1 |
| PPS-ST (7,0) | 1204889 | 1 |
| PPS-ST (8,4) | 1202726 | 1 |
| PPS TABLE | 1206285 | 1 |

| Accessories | | |
|-------------|--|--|
| | | |

Tools – TOOL fox

Hand tools

MICROFOX electronics pliers

- Various head shapes, even for areas that are difficult to access
- Precision-ground for exact cutting applications with minimum effort
- Mirror-polished and oiled metal surfaces
- Additional inductive hardened cutting for long-term, stable cutting performance

Notes:
For technical data regarding cutting capacity, see phoenixcontact.net/products



Diagonal cutter, with chamfer



Front cutter

| Description |
|---|
| Electronic diagonal cutter , round head, with chamfer, with opening spring |
| Electronic diagonal cutter , tapered head, angled (21°), without chamfer, with opening spring |
| Electronic diagonal cutter , tapered head, without chamfer, with opening spring, non-reflective phosphate-treated surface, punched version |
| Electronic front cutter , without chamfer, with opening spring |
| Electronic front cutter , 20° angle, without chamfer, with opening spring |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| MICROFOX-SB | 1212489 | 1 |
| MICROFOX-SP | 1212488 | 1 |
| MICROFOX-SP-1 | 1212487 | 1 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| MICROFOX-E | 1212494 | 1 |
| MICROFOX-EO | 1212495 | 1 |

MICROFOX electronics pliers

- Ergonomically designed two-component grip for fatigue-proof and non-slip use
- Opening spring for uniform, smooth opening
- Through-connected joint for permanent stability and optimum distribution of force
- Smooth grip to prevent damage to components when gripping and bending



Needle-nose pliers



Flat and round-nose pliers

| Description |
|--|
| Electronic needle-nose pliers , smooth grip, with opening spring |
| Electronic needle-nose pliers , 45° angle, smooth grip, with opening spring |
| Electronic flat-nose pliers , smooth grip, with opening spring |
| Electronic round-nose pliers , smooth grip, with opening spring |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| MICROFOX-P | 1212491 | 1 |
| MICROFOX-PC | 1212492 | 1 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| MICROFOX-F | 1212493 | 1 |
| MICROFOX-R | 1212490 | 1 |

MICROFOX ESD electronics pliers

- Mirror-polished and phosphate-treated metal surfaces for optimum corrosion protection and no glare when working
- Various head shapes, even for areas that are difficult to access
- Screwed precision-joint
- Precision-ground for exact cutting applications

Notes:
For technical data regarding cutting capacity, see phoenixcontact.net/products



Diagonal cutter



Front cutter

| Ordering data | | |
|----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| MICROFOX-S ESD | 1212480 | 1 |

| Ordering data | | |
|----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| MICROFOX-E ESD | 1212485 | 1 |

| Description |
|--|
| ESD electronic diagonal cutter, round head, without chamfer, with opening spring |
| ESD electronic front cutter, without chamfer, with opening spring |

MICROFOX ESD electronics pliers

- Special conductive, ESD-compliant plastics in accordance with DIN EN 61340-5, for example
- Ergonomically designed two-component grip for fatigue-proof and non-slip use
- Opening spring for uniform, smooth opening
- Smooth grip to prevent damage to components when gripping and bending



Needle-nose pliers



Flat and round-nose pliers

| Ordering data | | |
|-----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| MICROFOX-P ESD | 1212482 | 1 |
| MICROFOX-PC ESD | 1212483 | 1 |

| Ordering data | | |
|----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| MICROFOX-F ESD | 1212484 | 1 |
| MICROFOX-R ESD | 1212481 | 1 |

| Description |
|--|
| ESD electronic needle-nose pliers, smooth grip, with opening spring |
| ESD electronic needle-nose pliers, 45° angle, smooth grip, with opening spring |
| ESD electronic flat-nose pliers, smooth grip, with opening spring |
| ESD electronic round-nose pliers, smooth grip, with opening spring |

Hand tools

WIREFOX stripping tools

- Ergonomically shaped pliers
- WIREFOX ... stripping pliers feature an automatic adjustment mechanism for a wide range of different types of insulation and conductor sizes
- Practical integrated wire cutter
- Flexible, adjustable conductor limit stop
- The blade cartridges are replaced quickly and easily. They can be combined with each other



0.08 - 2.5 mm² conductor cross section



Conductor cross section of 0.1 ... 4 mm², for special conductors

| ERC | |
|-----------------------------------|--------------------------|
| Technical data | |
| Conductor / cable stripping range | |
| Conductor / cable | [mm ²] / AWG |
| Stripping length up to ... | [mm] |
| Wire cutter rigid // flexible | [mm ²] / AWG |

| ERC | |
|-----------------------------------|----------------------|
| Technical data | |
| Conductor / cable stripping range | |
| Conductor / cable | 0.08 - 2.5 / 28 - 12 |
| Stripping length up to ... | 15 |
| Wire cutter rigid // flexible | 2.5 / 14 // 6 / 10 |

| ERC | |
|-----------------------------------|--------------------|
| Technical data | |
| Conductor / cable stripping range | |
| Conductor / cable | 0.1 - 4 / 28 - 12 |
| Stripping length up to ... | 18 |
| Wire cutter rigid // flexible | 1.5 / 16 // 10 / 8 |

| ERC | |
|---------------|------|
| Ordering data | |
| Description | Type |

| ERC | |
|---------------|-----------|
| Ordering data | |
| Type | Order No. |
| | Pcs./Pkt. |

| ERC | |
|---------------|-----------|
| Ordering data | |
| Type | Order No. |
| | Pcs./Pkt. |

Stripping tool, angled design, for cables and conductors with a cross section of 0.08 mm² - 2.5 mm², self-adjusting, stripping length of up to 15 mm, cutting capacity: rigid up to 2.5 mm², flexible up to 6 mm²

WIREFOX 2,5 **1212368** 1

WIREFOX-E 4 **1212704** 1

Stripping tool, angled design, for cables and conductors (specifically also intended for rubber and other kinds of special insulation) from 0.1 mm² - 4 mm², self-adjusting, stripping length of up to 18 mm, cutting capacity: rigid up to 1.5 mm², flexible up to 10 mm²

WIREFOX 4 **1212704** 1

WIREFOX-E 4 **1212704** 1

Stripping tool, angled design, for cables and conductors (specifically also intended for short-circuit-proof cables) from 1.5 mm² - 6 mm², self-adjusting, stripping length of up to 18 mm, cutting capacity: rigid up to 1.5 mm², flexible up to 10 mm²

WIREFOX 10 **1200285** 1

WIREFOX-E 10 **1200285** 1

Stripping tool, angled design, for cables and conductors from 0.02 mm² - 10 mm², self-adjusting, stripping length of up to 18 mm, cutting capacity: rigid up to 1.5 mm², flexible up to 10 mm²

WIREFOX 10/CJ **1200286** 1

WIREFOX-E 10/CJ **1200286** 1

Stripping tool, angled design, for cables and conductors from 4 mm² - 16 mm², self-adjusting, stripping length of up to 18 mm, cutting capacity: rigid up to 1.5 mm², flexible up to 10 mm²

WIREFOX 16 **1200285** 1

WIREFOX-E 16 **1200285** 1

| ERC | |
|-----------------------------|--|
| Accessories | |
| Replacement blade cartridge | |
| Replacement limit stop | |
| Replacement clamping jaws | |

| ERC | |
|-----------------------------|--|
| Accessories | |
| Replacement blade cartridge | |
| Replacement limit stop | |
| Replacement clamping jaws | |

| ERC | |
|-----------------------------|--|
| Accessories | |
| Replacement blade cartridge | |
| Replacement limit stop | |
| Replacement clamping jaws | |



Conductor cross section of 1.5 - 6 mm² for short-circuit-proof cables



0.02 - 10 mm² conductor cross section



4 - 16 mm² conductor cross section

ERC

| Technical data |
|--------------------|
| 1.5 - 6 / 16 - 10 |
| 18 |
| 1.5 / 16 // 10 / 8 |

Ordering data

| Type | Order No. | Pcs./Pkt. |
|---------------|-----------|-----------|
| WIREFOX-E 6SC | 1212705 | 1 |

Accessories

| | | |
|----------------|---------|---|
| WIREFOX 6SC/SB | 1212314 | 1 |
| WIREFOX 10/WS | 1200285 | 1 |
| WIREFOX 10/CJ | 1200286 | 1 |

ERC

| Technical data |
|--------------------|
| 0.02 - 10 / 34 - 8 |
| 18 |
| 1.5 / 16 // 10 / 8 |

Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------|-----------|-----------|
| WIREFOX-E 10 | 1212706 | 1 |

Accessories

| | | |
|---------------|---------|---|
| WIREFOX 10/SB | 1212152 | 1 |
| WIREFOX 10/WS | 1200285 | 1 |
| WIREFOX 10/CJ | 1200286 | 1 |

ERC

| Technical data |
|--------------------|
| 4 - 16 / 12 - 5 |
| 18 |
| 1.5 / 16 // 10 / 8 |

Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------|-----------|-----------|
| WIREFOX-E 16 | 1212707 | 1 |

Accessories

| | | |
|---------------|---------|---|
| WIREFOX 16/SB | 1212153 | 1 |
| WIREFOX 10/WS | 1200285 | 1 |
| WIREFOX 16/CJ | 1200287 | 2 |

Hand tools

WIREFOX stripping tools



- Ergonomically shaped pliers
- Anti-slip handle design provides a safe and comfortable grip
- WIREFOX ... stripping pliers feature an automatic adjustment mechanism for a wide range of different types of insulation and conductor sizes
- Practical integrated wire cutter
- Highly adjustable limit stop for the stripping length

– The blade cartridges are replaced quickly and easily. They can be combined with each other

| | |
|-----------------------------------|--------------------------|
| Conductor / cable stripping range | |
| Conductor / cable | [mm ²] / AWG |
| Stripping length up to ... | [mm] |
| Wire cutter rigid // flexible | [mm ²] / AWG |

| |
|--|
| Description |
| Stripping tool , for cables and conductors (specifically also intended for rubber and other kinds of special insulation) with a cross section of 0.1 - 4 mm ² , self-adjusting, stripping length of up to 18 mm, cutting capacity: rigid up to 1.5 mm ² , flexible up to 10 mm ² |

| |
|-----------------------------|
| Replacement blade cartridge |
| Replacement limit stop |
| Replacement clamping jaws |



Conductor cross section 0.1 - 4 mm², for special conductors

| Technical data | | |
|--------------------|--|--|
| 0.1 - 4 / 28 - 12 | | |
| 18 | | |
| 1.5 / 16 // 10 / 8 | | |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| WIREFOX 4 | 1212156 | 1 |

| Accessories | | |
|---------------|---------|---|
| WIREFOX 4/SB | 1212151 | 1 |
| WIREFOX 10/WS | 1200285 | 1 |
| WIREFOX 10/CJ | 1200286 | 1 |

WIREFOX stripping tools



| | |
|-----------------------------------|--------------------------|
| Conductor / cable stripping range | |
| Conductor / cable | [mm ²] / AWG |
| Stripping length up to ... | [mm] |
| Wire cutter rigid // flexible | [mm ²] / AWG |

| |
|---|
| Description |
| Stripping tool , for cables and conductors (specifically also intended for short-circuit-proof cables) of 1.5 - 6 mm ² , self-adjusting, stripping length of up to 18 mm, cutting capacity: rigid up to 1.5 mm ² , flexible up to 10 mm ² |

| |
|---------------------------|
| Replacement blade |
| Replacement limit stop |
| Replacement clamping jaws |



Conductor cross section of 1.5 - 6 mm² for short-circuit-proof cables

| Technical data | | |
|--------------------|--|--|
| 1.5 - 6 / 16 - 10 | | |
| 18 | | |
| 1.5 / 16 // 10 / 8 | | |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| WIREFOX 6SC | 1212158 | 1 |

| Accessories | | |
|----------------|---------|---|
| WIREFOX 6SC/SB | 1212314 | 1 |
| WIREFOX 10/WS | 1200285 | 1 |
| WIREFOX 10/CJ | 1200286 | 1 |

WIREFOX stripping tools



0.02 - 10 mm² conductor cross section



4 - 16 mm² conductor cross section

| | |
|-----------------------------------|--------------------------|
| Conductor / cable stripping range | |
| Conductor / cable | [mm ²] / AWG |
| Stripping length up to ... | [mm] |
| Wire cutter rigid // flexible | [mm ²] / AWG |

| Technical data | | |
|--------------------|--|--|
| 0.02 - 10 / 34 - 8 | | |
| 18 | | |
| 1.5 / 16 // 10 / 8 | | |

| Technical data | | |
|--------------------|--|--|
| 4 - 16 / 12 - 5 | | |
| 18 | | |
| 1.5 / 16 // 10 / 8 | | |

Description

Stripping tool, for 0.02 - 10 mm² cables and conductors, self-adjusting, stripping length up to 18 mm, cutting capacity: rigid up to 1.5 mm², flexible up to 10 mm²

Stripping tool, for 4 - 16 mm² cables and conductors, self-adjusting, stripping length up to 18 mm, cutting capacity: rigid up to 1.5 mm², flexible up to 10 mm²

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| WIREFOX 10 | 1212150 | 1 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| WIREFOX 16 | 1212155 | 1 |

Replacement blade

| Accessories | | |
|---------------|---------|---|
| WIREFOX 10/SB | 1212152 | 1 |

| Accessories | | |
|---------------|---------|---|
| WIREFOX 16/SB | 1212153 | 1 |

Stripping machine

Notes:
An application video can be found in the download area for the relevant product on our website at phoenixcontact.net/products.



- The automatic cutting device can be used to cut conductors, cables, and similar profiles
- Multi-strand cables with a diameter of up to 6 mm are also stripped
- For further information, accessories, and technical data, refer to the AUTOMATIC DEVICES section



Conductor cross sections from 0.08 to 6 mm²

| | |
|--|--|
| Description | |
| Stripping machine , 230 V/50 Hz version, for conductors and cables, rigid and flexible 0.08 - 6 mm ² (maximum Ø 6 mm), with integrated graphic display | |
| Stripping machine , 120 V/60 Hz version, for conductors and cables, rigid and flexible 0.08 - 6 mm ² (maximum Ø 6 mm), with integrated graphic display | |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| WF 1000 | 1212149 | 1 |
| WF 1000 120V | 1212258 | 1 |

Hand tools

WIREFOX stripping tools

- WIREFOX ... stripping pliers feature an automatic adjustment mechanism for a wide range of different types of insulation and conductor sizes
- Special blade geometries for various applications
- Precise and clean stripping results
- Any stripping lengths possible, thanks to the special design of the pliers



For sensor/actuator cables (SAC cables)



For flat cables

| | | ERC | | | ERC | | |
|---|--|--------------------------|-----------|-----------|-----------------|-----------|-----------|
| | | Technical data | | | Technical data | | |
| Conductor / cable stripping range | | | | | | | |
| Conductor / cable | | [mm ²] / AWG | | | 6 - 16 / 10 - 5 | | |
| | | Ordering data | | | Ordering data | | |
| Description | | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Stripping pliers , for cables and conductors with a cross section of 6 - 16 mm ² , self-adjusting, any stripping length, also suitable for sensor/actuator cables | | WIREFOX 16-1 | 1212157 | 1 | | | |
| Stripping pliers , for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, for diameters from 4.4 mm to 7 mm, any stripping length | | WIREFOX SAC | 1212623 | 1 | | | |
| Stripping pliers , for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, for diameters from 3.2 mm to 4.4 mm, any stripping length | | WIREFOX SAC-1 | 1212757 | 1 | | | |
| Stripping pliers , for 0.75 - 2.5 mm ² flat cables up to 15 mm wide, any stripping length | | | | | WIREFOX FC | 1212619 | 1 |
| Stripping pliers , for AS-Interface flat cables, any stripping length | | | | | WIREFOX ASI | 1212154 | 1 |
| Stripping pliers , strip cables for cable cutouts, cable tap-offs, and shield connections with a diameter of 8 - 9 mm, insulation thickness of up to 1.2 mm, stripping length of 20 mm and above | | | | | | | |
| Stripping pliers , for removing the sheath from cables up to 5 mm in diameter, for stripping conductors with a cross section of up to 10 mm ² , scale for measuring the stripping length; VDE-tested | | | | | | | |
| black | | | | | | | |
| Multifunctional stripping tool , for removing the sheath from cables with a diameter of 8 to 13 mm, for stripping cables with a cross section of 0.2 to 10 mm ² , with full-fledged diagonal cutter, VDE 1000 V AC/1500 V DC tested | | | | | | | |
| black | | | | | | | |
| | | Accessories | | | Accessories | | |
| Replacement blade | | WIREFOX 16-1/SB | 1204944 | 1 | WIREFOX FC/SB | 1200284 | 1 |
| | | WIREFOX SAC/SB | 1200282 | 1 | WIREFOX ASI/SB | 1208076 | 1 |
| | | WIREFOX SAC-1/SB | 1200283 | 1 | | | |



For both shielded and unshielded cables



Conductor cross section of 0.2 ... 10 mm², (VDE)



Multifunctional tool

ERC

ERC

ERC

| Technical data | | |
|----------------|--|--|
| - / - | | |

| Technical data | | |
|-------------------|--|--|
| 0.2 - 10 / 24 - 8 | | |

| Technical data | | |
|-------------------|--|--|
| 0.2 - 10 / 24 - 8 | | |

| Ordering data | | |
|---------------|--|--|
|---------------|--|--|

| Ordering data | | |
|---------------|--|--|
|---------------|--|--|

| Ordering data | | |
|---------------|--|--|
|---------------|--|--|

| Type | Order No. | Pcs./Pkt. |
|------------------|-----------|-----------|
| | | |
| | | |
| | | |
| | | |
| WIREFOX-D SHIELD | 1212172 | 1 |

| Type | Order No. | Pcs./Pkt. |
|----------------|-----------|-----------|
| | | |
| | | |
| | | |
| | | |
| WIREFOX 10 VDE | 1212366 | 1 |

| Type | Order No. | Pcs./Pkt. |
|----------------|-----------|-----------|
| | | |
| | | |
| | | |
| | | |
| WIREFOX-MP VDE | 1212528 | 1 |

| Accessories | | |
|-------------|--|--|
| | | |

| Accessories | | |
|-------------|--|--|
| | | |

| Accessories | | |
|-------------|--|--|
| | | |

WIREFOX stripping tools



- The right tool for every application
- Conductors and cables with all kinds of insulation are stripped up to a diameter of 40 mm
- The blades are precision ground. They represent long-term, reliable use
- Quick, easy, and reliable to use



Conductor diameter of 2.5 - 11 mm

ERC

| Description |
|--|
| Stripping tool , for stripping multicore signal, control, and fiberglass cables with 2.5 - 11 mm Ø, insulation thickness of up to 1 mm |
| Stripping tool , for stripping installation cables with 8 - 13 mm Ø, for example, NYM 3x1.5 mm ² to NYM 5x2.5 mm ² , single-wire stripping, 0.2 - 4 mm ² , with blade for lateral cutting and extendable knife |
| Stripping tool , for stripping cables with 4.5 - 40 mm Ø, insulation thickness of up to 4.5 mm, swivel blade for round, longitudinal, and spiral cuts |
| Stripping tool , for stripping cables (especially FO cables) with 4 - 16 mm Ø |
| Stripping tool , for stripping cables with 8 - 28 mm Ø |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| WIREFOX-D 11 | 1212160 | 1 |
| | | |
| | | |

| Replacement blade |
|-------------------|
| |

| Accessories | | |
|-----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| WIREFOX-D 11/SB | 1212312 | 1 |



Conductor diameter of 8 - 13 mm



Conductor diameter of 4.5 - 40 mm



Conductor diameter of 4 - 16 mm / 4 - 28 mm

ERC

ERC

ERC

Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------|-----------|-----------|
| WIREFOX-D 13 | 1212162 | 1 |

Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------|-----------|-----------|
| WIREFOX-D 40 | 1212161 | 1 |

Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------|-----------|-----------|
| WIREFOX-D 16 | 1212173 | 1 |
| WIREFOX-D 28 | 1212174 | 1 |

Accessories

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

Accessories

| | | |
|-----------------|---------|---|
| WIREFOX-D 40/SB | 1212313 | 1 |
|-----------------|---------|---|

Accessories

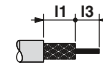
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|--|--|--|

Hand tools

WIREFOX stripping tools



- Large selection of precision stripping tools
- The right tool for every application
- Easy to use
- Use of high-quality components for durability



For coaxial cables, conductor diameter of 2.5 - 7.6 mm

ERC

Ordering data

| Description | Type | Order No. | Pcs./Pkt. |
|---|----------------|-----------|-----------|
| Stripping tool , for coaxial cables, from 2.5 - 7.6 mm Ø, l3 = variable | | | |
| 2-stage, setting dimension l1 = 6.0 mm | WIREFOX-D CX-1 | 1212163 | 1 |
| 2-stage, setting dimension l1 = 9.2 mm | WIREFOX-D CX-2 | 1212164 | 1 |
| 2-stage, setting dimension l1 = 12 mm | WIREFOX-D CX-3 | 1212165 | 1 |
| 2-stage, setting dimension l1 = 6.8 mm | WIREFOX-D CX-4 | 1212166 | 1 |
| 3-stage, setting dimension l1 = 5.5 mm, l2 = 5.5 mm | WIREFOX-D CX-5 | 1212167 | 1 |
| 3-stage, setting dimension l1 = 8.3 mm, l2 = 2.7 mm | WIREFOX-D CX-6 | 1212168 | 1 |
| 3-stage, setting dimension l1 = 6.0 mm, l2 = 6.0 mm | WIREFOX-D CX-7 | 1212169 | 1 |
| 3-stage, setting dimension l1 = 6.8 mm, l2 = 2.5 mm | WIREFOX-D CX-8 | 1212170 | 1 |
| 3-stage, setting dimension l1 = 7.5 mm, l2 = 3.5 mm | WIREFOX-D CX-9 | 1212171 | 1 |
| Stripping tool , for CATV type F, stripping length: 6.35 mm | | | |
| Stripping tool , for 2.5 - 6 mm ² solar cables, 8.5 mm stripping length, for MC3, MC4 and SOLARLOK contacts | | | |
| Stripping tool , for standard 2.5, 4, and 6 mm ² solar cables, with 15 mm length stop, for SUNCLIX field connectors | | | |

Accessories

| Replacement blade | Type | Order No. | Pcs./Pkt. |
|-------------------|-------------------|-----------|-----------|
| | WIREFOX-D CX-1/SB | 1212303 | 1 |
| | WIREFOX-D CX-2/SB | 1212304 | 1 |
| | WIREFOX-D CX-3/SB | 1212305 | 1 |
| | WIREFOX-D CX-4/SB | 1212306 | 1 |
| | WIREFOX-D CX-5/SB | 1212307 | 1 |
| | WIREFOX-D CX-6/SB | 1212308 | 1 |
| | WIREFOX-D CX-7/SB | 1212309 | 1 |
| | WIREFOX-D CX-8/SB | 1212310 | 1 |
| | WIREFOX-D CX-9/SB | 1212311 | 1 |





For coaxial cables, RG 59 and RG 6



For solar cables, conductor cross section of 2.5 ... 6 mm²



For solar cables, conductor cross section of 2.5 ... 6 mm²

ERC

ERC

ERC

Ordering data

| Type | Order No. | Pcs./Pkt. |
|-------------------|-----------|-----------|
| WIREFOX-D CX 6,35 | 1212733 | 1 |

Ordering data

| Type | Order No. | Pcs./Pkt. |
|----------------|-----------|-----------|
| WIREFOX-D SR 6 | 1212507 | 1 |

Ordering data

| Type | Order No. | Pcs./Pkt. |
|------------------|-----------|-----------|
| WIREFOX-D SR 6-1 | 1212511 | 1 |

Accessories

| Type | Order No. | Pcs./Pkt. |
|------|-----------|-----------|
| | | |

Accessories

| Type | Order No. | Pcs./Pkt. |
|------|-----------|-----------|
| | | |

Accessories

| Type | Order No. | Pcs./Pkt. |
|------|-----------|-----------|
| | | |

Hand tools

CRIMPFOX 4 IN 1 multifunctional crimping pliers



- The CRIMPFOX 4 IN 1 multifunctional crimping pliers are used to process taped ferrules in accordance with DIN 46228-4 and UL 486F
- 4 functions combined in a single tool: cutting, stripping, twisting, and crimping
- An effective handling process enables all steps to be performed without putting the tool down



- Fitted with a releasing pressure lock, the pliers provide consistently high-quality crimping. They are ideally suited to use in industrial applications



- The robust stripping unit with its special blade geometry provides permanently consistent stripping results
- Length and cross section settings are not necessary
- In order to re-establish the twist which is lost during the stripping process, a twisting system is included



- The cross section can be conveniently changed in a matter of seconds by replacing the magazine which is loaded with taped product
- The Al...S1 ferrules in accordance with UL 486F are UL-certified when used in combination with the CRIMPFOX 4 IN 1

Notes:

¹⁾ These color and/or length variants of ferrules are currently not included in DIN 46228-4 and UL 486F, and are therefore not UL-certified. As of 11/2018. Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.

Area of application

| | |
|-----------|--------------------------|
| Conductor | [mm ²] / AWG |
| Crimping | |

Description

Color

Tool for processing ferrules with cutting, stripping, twisting, and crimping unit, with one magazine

Tool for processing ferrules with cutting, stripping, twisting, and crimping unit, with three magazines, including one strip each of ferrules from 0.5 mm² - 2.5 mm², packaged in a robust plastic case

Taped ferrules, ferrule length: 8 mm, in accordance with DIN 46228-4 and UL 486F, 10 strips with 50(40) ferrules per strip, UL and CSA-certified

| | |
|----------------------|-------|
| 0.5 mm ² | white |
| 0.75 mm ² | gray |
| 1,0 mm ² | red |
| 1,5 mm ² | black |
| 2.5 mm ² | blue |

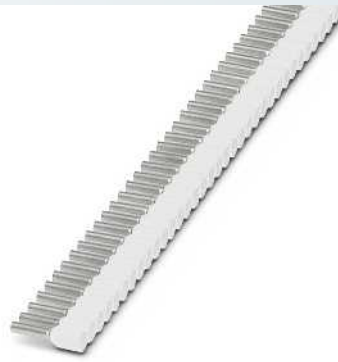
Taped ferrules, color in accordance with NF C 63-023, CSA-certified

| | |
|------------------------------------|------|
| 0.75 mm ² ¹⁾ | blue |
| 2.5 mm ² ¹⁾ | gray |

Ferrule magazine for CRIMPFOX 4 IN 1, for ferrules with insulating collars from 0.5 - 2.5 mm² with a length of 8 mm



Multifunctional ferrule crimping pliers



Conductor cross section of 0.5 ... 2.5 mm²

ERIC



| Technical data | | |
|---------------------|--|--|
| 0.5 - 2.5 / 20 - 14 | | |
| Indent crimp | | |

| Ordering data | | |
|---------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX 4 IN 1 | 1200101 | 1 |
| CRIMPFOX 4 IN 1 SET | 1200102 | 1 |

| Accessories | | |
|---------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX 4 IN 1/MAG | 1200103 | 1 |

| Technical data | | |
|----------------|--|--|
| - / - | | |
| - | | |

| Ordering data | | |
|------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| Al 0,5-8 WH S1 | 1200104 | 500 |
| Al 0,75- 8 GY S1 | 1200105 | 500 |
| Al 1,0-8 RD S1 | 1200106 | 500 |
| Al 1,5-8 BK S1 | 1200107 | 500 |
| Al 2,5-8 BU S1 | 1200108 | 400 |
| Al 0,75- 8 BU S1 | 1200163 | 500 |
| Al 2,5-8 GY S1 | 1200164 | 400 |

| Accessories | | |
|-------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |

Hand tools

CRIMPFOX crimping pliers for ferrules



- The ergonomically designed handles and the optimized mechanical transmission ensure an optimum grip and significantly reduce the amount of force required
- Consistently high crimping quality, thanks to the integrated pressure lock
- Marked die stations for precise processing of the relevant cross sections
- The A... and Al... ferrules in accordance with UL 486F are UL-certified when used in combination with the CRIMPFOX 6. For further information, visit www.phoenixcontact.com



0.25 ... 2.5 mm² conductor cross section

ERC

| Area of application | |
|---------------------|--------------------------|
| Conductor | [mm ²] / AWG |
| Crimping | |

| Technical data | | |
|----------------------|--|--|
| 0.25 - 2.5 / 24 - 14 | | |
| Trapezoidal crimp | | |

| Description |
|---|
| Crimping pliers , compact pliers, for ferrules in accordance with DIN 46228-1/4 and UL 486F, unlockable pressure lock, lateral entry |
| Crimping pliers , for ferrules in accordance with DIN 46228-1-4 and UL 486F, five marked die stations, unlockable pressure lock, lateral entry |
| Crimping pliers , compact pliers, for ferrules in accordance with DIN 46228-1/4 and UL 486F, unlockable pressure lock, lateral entry |
| Crimping pliers , for ferrules in accordance with DIN 46228-1/-4 and UL 486F, unlockable pressure lock, lateral entry |

| Ordering data | | |
|----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX 2,5-M | 1212719 | 1 |

| Replacement die |
|---------------------------------|
| Replacement recuperating spring |

| Accessories | | |
|-----------------|---------|---|
| CRIMPFOX/ SPR-1 | 1212069 | 1 |



0.25 ... 6 mm² conductor cross section



0.25 ... 6 mm² conductor cross section



4 ... 10 mm² conductor cross section

ERC

| Technical data | | |
|---|-----------|-----------|
| 0.25 - 6 / 24 - 10 Trapezoidal crimp | | |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX 6 | 1212034 | 1 |
| Accessories | | |
| CRIMPFOX 6/DIE | 1212035 | 1 |
| CRIMPFOX/ SPR-3 | 1212036 | 10 |

ERC

| Technical data | | |
|---|-----------|-----------|
| 0.25 - 6 / 24 - 10 Trapezoidal crimp | | |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX 6-M | 1212720 | 1 |
| Accessories | | |
| CRIMPFOX/ SPR-1 | 1212069 | 1 |

ERC

| Technical data | | |
|--------------------------------------|-----------|-----------|
| 4 - 10 / 12 - 8 Trapezoidal crimp | | |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX 10 | 1212721 | 1 |
| Accessories | | |
| CRIMPFOX/ SPR-1 | 1212069 | 1 |

Hand tools

CRIMPFOX crimping pliers for ferrules



- Flexible crimping even in difficult-to-access points, thanks to rotating die
- Consistently high crimping quality, thanks to the integrated pressure lock
- The self-adjusting dies automatically adjust to the sleeve sizes
- Bound to impress, thanks to the quick and reliable contact processing method
- Ergonomically designed handles ensure an optimum grip. They help avoid fatigue when working
- The A... and Al... ferrules in accordance with UL 486F are UL-certified when used in combination with the CRIMPFOX DUO 10. For further information, visit www.phoenixcontact.com



Conductor cross section of 0.14 ... 10 mm²

ERC

| Area of application | |
|---------------------|--------------------------|
| Conductor | [mm ²] / AWG |
| Crimping | |

| Description |
|---|
| Crimping pliers , for ferrules in accordance with DIN 46228-1/-4 and UL 486F, 0.14 ... 10 mm ² , also ideal for TWIN ferrules up to 2 x 4 mm ² , automatic cross section adjustment, rotating die, lateral and front entry |

| Tool kit, equipped with each of the following tools: |
|---|
| WIREFOX 10 CRIMPFOX DUO 10 AI SORTI BOX RD AI-TWIN SORTI BOX BU TOOL-KIT STANDARD EMPTY |

| Crimping pliers , for ferrules in accordance with DIN 46228-1/-4 and UL 486F, self-adjusting die, unlockable pressure lock, front entry |
|--|
| |

| Crimping pliers , for ferrules in accordance with DIN 46228-1/-4 and UL 486F, self-adjusting die, unlockable pressure lock, front entry |
|--|
| |

| Replacement recuperating spring |
|---------------------------------|
| |

| Technical data | | |
|--------------------|--|--|
| 0.14 - 10 / 26 - 8 | | |
| Trapezoidal crimp | | |

| Ordering data | | |
|---------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX DUO 10 | 1031721 | 1 |
| CRIMPFOX DUO 10 SET | 1044971 | 1 |

| Accessories | | |
|-----------------|---------|---|
| CRIMPFOX/ SPR-4 | 1200288 | 1 |



Conductor cross section
of 0.5 ... 6 mm²



Conductor cross section
of 0.25 ... 6 mm²

ERC

ERC

| Technical data |
|-------------------|
| 0.5 - 6 / 20 - 10 |
| Square crimp |

| Technical data |
|--------------------|
| 0.25 - 6 / 24 - 10 |
| Trapezoidal crimp |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX 6S-F | 1212043 | 1 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX 6T-F | 1212038 | 1 |

| Accessories | | |
|-----------------|---------|---|
| CRIMPFOX/ SPR-1 | 1212069 | 1 |

| Accessories | | |
|-----------------|---------|---|
| CRIMPFOX/ SPR-1 | 1212069 | 1 |

Hand tools

CRIMPFOX crimping pliers for ferrules

- The self-adjusting die of the crimping pliers automatically adapts to the size of the sleeve and impresses with its quick and reliable contact processing method
- The A... and Al... ferrules in accordance with UL 486F are UL-certified when used in combination with the CRIMPFOX CENTRUS... For further information, visit www.phoenixcontact.com



Conductor cross section 0.14 ... 6 mm²



Conductor cross section 0.14 ... 6 mm²

Area of application

Conductor [mm²] / AWG
Crimping

| Technical data | | |
|----------------|--------------------|--|
| Conductor | 0.14 - 6 / 26 - 10 | |
| Crimping | Square crimp | |

| Technical data | | |
|----------------|--------------------|--|
| Conductor | 0.14 - 6 / 26 - 10 | |
| Crimping | HEX crimp | |

Description

Crimping pliers, for ferrules in accordance with DIN 46228-1/-4 and UL 486F, 0.14 ... 6 mm², unlockable pressure lock, lateral entry

| Ordering data | | |
|---------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX CENTRUS 6S | 1213144 | 1 |

| Ordering data | | |
|---------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX CENTRUS 6H | 1213146 | 1 |

Replacement recuperating spring

| Accessories | | |
|-----------------|-----------|-----------|
| Part No. | Order No. | Pcs./Pkt. |
| CRIMPFOX/ SPR-4 | 1200288 | 1 |

| Accessories | | |
|-----------------|-----------|-----------|
| Part No. | Order No. | Pcs./Pkt. |
| CRIMPFOX/ SPR-4 | 1200288 | 1 |

CRIMPFOX crimping pliers for ferrules

- These compact crimping pliers have been designed to reduce effort when working
- The minimal gripping distance and the ergonomic handle shape enable comfortable use, with up to 30% less manual force. Also ideal for TWIN ferrules



Conductor cross section 0.14 ... 10 mm²



Conductor cross section 0.14 ... 10 mm²

Area of application

Conductor [mm²] / AWG
Crimping

| Technical data | | |
|----------------|--------------------|--|
| Conductor | 0.14 - 10 / 26 - 8 | |
| Crimping | Square crimp | |

| Technical data | | |
|----------------|--------------------|--|
| Conductor | 0.14 - 10 / 26 - 8 | |
| Crimping | HEX crimp | |

Description

Crimping pliers, for ferrules in accordance with DIN 46228-1/-4 and UL 486F, 0.14 ... 10 mm², unlockable pressure lock, lateral entry

| Ordering data | | |
|----------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX CENTRUS 10S | 1213154 | 1 |

| Ordering data | | |
|----------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX CENTRUS 10H | 1213156 | 1 |

Replacement recuperating spring

| Accessories | | |
|-----------------|-----------|-----------|
| Part No. | Order No. | Pcs./Pkt. |
| CRIMPFOX/ SPR-4 | 1200288 | 1 |

| Accessories | | |
|-----------------|-----------|-----------|
| Part No. | Order No. | Pcs./Pkt. |
| CRIMPFOX/ SPR-4 | 1200288 | 1 |

CRIMPFOX crimping pliers for ferrules

- These crimping pliers are used to conveniently process ferrules measuring up to 50 mm²
- The A... and AI... ferrules in accordance with UL 486F are UL-certified when used in combination with the CRIMPFOX 25R / 50R. For further information, visit www.phoenixcontact.com



Conductor cross section of 10 - 25 mm²



Conductor cross section of 35 - 50 mm²

| |
|--|
| Notes: |
| Find corresponding ferrules from page 480. |

| Technical data | | | |
|------------------------------------|-----------|-----------|--|
| Conductor [mm ²] / AWG | | | |
| 10 - 25 / 8 - 4 WM crimp | | | |
| Ordering data | | | |
| Type | Order No. | Pcs./Pkt. | |
| CRIMPFOX 25R | 1212039 | 1 | |
| Accessories | | | |
| CRIMPFOX 25R/DIE | 1212040 | 1 | |
| CRIMPFOX/ SPR-1 | 1212069 | 1 | |

| Technical data | | | |
|------------------------------------|-----------|-----------|--|
| Conductor [mm ²] / AWG | | | |
| 35 - 50 / 2 - 1 WM crimp | | | |
| Ordering data | | | |
| Type | Order No. | Pcs./Pkt. | |
| CRIMPFOX 50R | 1212041 | 1 | |
| Accessories | | | |
| CRIMPFOX 50R/DIE | 1212042 | 1 | |
| CRIMPFOX/ SPR-1 | 1212069 | 1 | |

| | |
|--|--------------------------|
| Area of application | [mm ²] / AWG |
| Conductor | |
| Crimping | |
| Description | |
| Crimping pliers , for ferrules in accordance with DIN 46228-1-4 and UL 486F, three marked die stations, unlockable pressure lock, lateral entry | |
| Two marked die stations | |
| Replacement die | |
| Replacement recuperating spring | |

CRIMPFOX crimping pliers for TWIN ferrules

- These pliers are specially designed for convenient, high process reliability of TWIN ferrules
- The innovative mechanical design of these pliers means that up to 25% less force is required compared to conventional pliers.
- The balanced weight distribution ensures low-fatigue, convenient application
- The AI-TWIN ferrules in accordance with UL 486F are UL-certified when used in combination with the CRIMPFOX 16R TWIN. For further information, visit www.phoenixcontact.com



Conductor cross section 2 x 6 ... 2 x 16 mm²

| | |
|---|--------------------------|
| Area of application | [mm ²] / AWG |
| Conductor | |
| Crimping | |
| Description | |
| Crimping pliers , for TWIN ferrules in accordance with UL 486F, three marked die stations, unlockable pressure lock, lateral entry | |
| Replacement die for TWIN ferrules (AI-TWIN ...) 2 x 6, 2 x 10 and 2 x 16 mm ² | |
| Replacement recuperating spring | |

| Technical data | | | |
|------------------------------------|-----------|-----------|--|
| Conductor [mm ²] / AWG | | | |
| 6 - 16 / 10 - 6 WM crimp | | | |
| Ordering data | | | |
| Type | Order No. | Pcs./Pkt. | |
| CRIMPFOX 16R TWIN | 1212845 | 1 | |
| Accessories | | | |
| CRIMPFOX 16R TWIN/DIE | 1212846 | 1 | |
| CRIMPFOX/ SPR-1 | 1212069 | 1 | |

Hand tools

CRIMPFOX crimping pliers for cable lugs and connectors

- Consistently high crimping quality, thanks to the integrated pressure lock
- The color-coded dies clearly indicate the cross section

Notes:

Suitable ferrules, cable lugs and flat connectors have been documented, see from page 480.



Conductor cross section of 0.14 ... 1 mm²



Conductor cross section of 0.5 ... 2.5 mm²

ERC

Technical data

| | |
|---------------------|--------------------------|
| Area of application | |
| Conductor | [mm ²] / AWG |
| Crimping | |

0.14 - 1 / 26 - 18
Oval crimp

Ordering data

| Description | Type | Order No. | Pcs./Pkt. |
|--|------------------|-----------|-----------|
| Crimping pliers , for insulated cable lugs (light green, red), three marked die stations, unlockable pressure lock, lateral entry | CRIMPFOX-RCI 1 | 1212055 | 1 |
| Crimping pliers , compact pliers, for insulated cable lugs (light green, red), three marked die stations, unlockable pressure lock, lateral entry | CRIMPFOX-RCI 1-M | 1212727 | 1 |
| Crimping pliers , for insulated cable lugs (red, blue), two marked die stations, unlockable pressure lock, lateral entry | | | |
| Crimping pliers , compact pliers, for insulated cable lugs (red, blue), two marked die stations, unlockable pressure lock, lateral entry | | | |
| Crimping pliers , for insulated cable lugs, symmetrical (red, blue, yellow), three marked die stations, unlockable pressure lock, lateral entry | | | |
| Crimping pliers , compact pliers, for insulated cable lugs, symmetrical (red, blue, yellow), three marked die stations, unlockable pressure lock, lateral entry | | | |
| Crimping pliers , for insulated DIN cable lugs, symmetrical (red, blue, yellow), three marked die stations, unlockable pressure lock, lateral entry | | | |
| Crimping pliers , for insulated cable lugs, asymmetrical (red, blue, yellow), three marked die stations, unlockable pressure lock, lateral entry | | | |
| Crimping pliers , for fully insulated shrink connectors (red, blue, yellow), three marked die stations, unlockable pressure lock, lateral entry | | | |

black

black

black

Accessories

| | | | |
|---------------------------------|--------------------|---------|----|
| Replacement die | CRIMPFOX-RCI 1/DIE | 1212056 | 1 |
| Replacement recuperating spring | CRIMPFOX/ SPR-3 | 1212036 | 10 |

ERC

Technical data

0.5 - 2.5 / 20 - 14
Oval crimp

Ordering data

| Description | Type | Order No. | Pcs./Pkt. |
|---|------------------|-----------|-----------|
| Crimping pliers , for insulated cable lugs (red, blue), two marked die stations, unlockable pressure lock, lateral entry | CRIMPFOX-RCI 2,5 | 1212053 | 1 |

Accessories

| | | | |
|---------------------------------|----------------------|---------|----|
| Replacement die | CRIMPFOX-RCI 2,5/DIE | 1212054 | 1 |
| Replacement recuperating spring | CRIMPFOX/ SPR-3 | 1212036 | 10 |



Conductor cross section
of 0.5 ... 2.5 mm²



Conductor cross section
of 0.5 ... 6 mm²



Conductor cross section
of 0.5 ... 6 mm²

ERC

ERC

ERC

| Technical data |
|-----------------------------------|
| 0.5 - 2.5 / 20 - 14 Oval crimp |

| Technical data |
|---------------------------------|
| 0.5 - 6 / 20 - 10 Oval crimp |

| Technical data |
|---------------------------------|
| 0.5 - 6 / 20 - 10 Oval crimp |

| Ordering data |
|---------------|
|---------------|

| Ordering data |
|---------------|
|---------------|

| Ordering data |
|---------------|
|---------------|

| Type | Order No. | Pcs./Pkt. |
|--------------------|-----------|-----------|
| CRIMPFOX-RCI 2,5-M | 1212728 | 1 |

| Type | Order No. | Pcs./Pkt. |
|--------------------|-----------|-----------|
| CRIMPFOX-RCI 6 | 1212057 | 1 |
| CRIMPFOX-RCI 6-M | 1212730 | 1 |
| CRIMPFOX-RCI DIN 6 | 1212729 | 1 |
| CRIMPFOX-RCI 6-1 | 1212059 | 1 |

| Type | Order No. | Pcs./Pkt. |
|---------------|-----------|-----------|
| CRIMPFOX-HS 6 | 1212722 | 1 |

| Accessories |
|-------------|
|-------------|

| Accessories |
|-------------|
|-------------|

| Accessories |
|-------------|
|-------------|

| | | |
|-----------------|---------|---|
| CRIMPFOX/ SPR-1 | 1212069 | 1 |
|-----------------|---------|---|

| | | |
|----------------------|---------|---|
| CRIMPFOX-RCI 6/DIE | 1212058 | 1 |
| CRIMPFOX-RCI 6-1/DIE | 1212290 | 1 |
| CRIMPFOX/ SPR-1 | 1212069 | 1 |

| | | |
|-----------------|---------|---|
| CRIMPFOX/ SPR-1 | 1212069 | 1 |
|-----------------|---------|---|

Hand tools

CRIMPFOX crimping pliers for uninsulated cable lugs

- The ergonomically designed handles and the optimized mechanical transmission ensure an optimum grip and significantly reduce the amount of force required
- Compact and lightweight design
- Unlockable pressure lock

Notes:
Suitable ferrules, cable lugs and flat connectors have been documented, see from page 480.



Conductor cross section of 0.34 ... 2.5 mm²



Conductor cross section of 0.34 ... 6 mm²

ERC

| Technical data | | |
|---------------------------------|--------------------------|----------------------|
| Conductor | [mm ²] / AWG | 0.34 - 2.5 / 22 - 14 |
| Crimping | | Indent crimp |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-RC 2,5 | 1212063 | 1 |
| CRIMPFOX-RC 2,5-M | 1212723 | 1 |
| Accessories | | |
| Replacement die | CRIMPFOX-RC 2,5/DIE | 1212064 1 |
| Replacement recuperating spring | CRIMPFOX/ SPR-3 | 1212036 10 |

ERC

| Technical data | | |
|---------------------------------|--------------------------|--------------------|
| Conductor | [mm ²] / AWG | 0.34 - 6 / 22 - 10 |
| Crimping | | Indent crimp |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-RC 6-M | 1212724 | 1 |
| Accessories | | |
| Replacement die | | |
| Replacement recuperating spring | CRIMPFOX/ SPR-1 | 1212069 1 |



Conductor cross section
of 0.34 ... 6 mm²



Conductor cross section
of 4 - 10 mm²

ERC

ERC

| Technical data | | |
|--------------------|--|--|
| 0.35 - 6 / 22 - 10 | | |
| Indent crimp | | |

| Technical data | | |
|-----------------|--|--|
| 4 - 10 / 12 - 8 | | |
| Indent crimp | | |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| | | |
| | | |
| | | |
| CRIMPFOX-RC 6 | 1212710 | 1 |

| Ordering data | | |
|----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| | | |
| | | |
| | | |
| CRIMPFOX-RC 10 | 1212061 | 1 |

| Accessories | | |
|-----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| | | |
| CRIMPFOX/ SPR-3 | 1212036 | 10 |

| Accessories | | |
|-----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| | | |
| CRIMPFOX/ SPR-3 | 1212036 | 10 |

Tools – TOOL fox

Hand tools

CRIMPFOX crimping pliers for uninsulated cable lugs

- Unlockable pressure lock
- Marked die stations for precise processing of the relevant cross sections
- The fixing element on the lower handle edge is placed on surfaces to support manual force



Conductor cross section of 10 - 25 mm²

| Area of application | | Technical data | | |
|---|--------------------------|--------------------|-----------|-----------|
| Conductor | [mm ²] / AWG | 10 - 25 / 8 - 4 | | |
| Crimping | | Indent crimp | | |
| Description | | Ordering data | | |
| Crimping pliers, for uninsulated cable lugs | | Type | Order No. | Pcs./Pkt. |
| | | CRIMPFOX-RC 25 | 1212065 | 1 |
| Replacement die | | Accessories | | |
| Replacement recuperating spring | | CRIMPFOX-RC 25/DIE | 1212299 | 1 |
| | | CRIMPFOX/ SPR-1 | 1212069 | 1 |

CRIMPFOX crimping pliers for uninsulated tube lugs

- Consistently high crimping quality, thanks to the integrated pressure lock



Conductor cross section of 4 - 16 mm²

Conductor cross section of 10 - 70 mm²

| Area of application | | Technical data | | | Technical data | | |
|--|--------------------------|-------------------|-----------|-----------|-------------------|-----------|-----------|
| Conductor | [mm ²] / AWG | 4 - 16 / 11 - 5 | | | 10 - 70 / 8 - 00 | | |
| Crimping | | Indent crimp | | | Indent crimp | | |
| Description | | Ordering data | | | Ordering data | | |
| Crimping pliers, for standard, uninsulated tube lugs, three marked die stations | | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Crimping pliers, for standard, uninsulated tube lugs, three marked die stations, unlockable pressure lock, lateral entry, 10 - 25 mm ² conductor cross section, crimping: HEX crimp | | CRIMPFOX-RCT 16-1 | 1212731 | 1 | CRIMPFOX-RCT 25-1 | 1212066 | 1 |
| Crimping pliers, for standard, uninsulated tube lugs, with rotatable die, 5 stations, 10 - 70 mm ² conductor cross section | | | | | CRIMPFOX-RCT 70-1 | 1212732 | 1 |

CRIMPFOX basic pliers, for accommodating various crimp inserts

- Universal crimping pliers up to 120 mm²
- Wide variety of available dies
- Easily foldable jaw holders mean that the dies can be changed quickly
- A mechanical ratchet system keeps the level of force required to an absolute minimum

Notes:

Suitable ferrules, cable lugs and flat connectors have been documented, see from page 480.

For more dies, visit phoenixcontact.net/products.



Basic pliers for various dies
up to 50 mm²



Basic pliers for various dies
up to 120 mm²

ERC

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-C50 | 1212340 | 1 |

| Accessories | | |
|---------------------------|---------|---|
| CRIMPFOX-C50 RCI 10/DIE | 1212346 | 1 |
| CRIMPFOX-C50 RCI 16/DIE | 1212347 | 1 |
| CRIMPFOX-C50 RCI 25/DIE | 1212348 | 1 |
| CRIMPFOX-C50 RC 35/M-DIE | 1212343 | 1 |
| CRIMPFOX-C50 RC 25/F-DIE | 1212344 | 1 |
| CRIMPFOX-C50 RC 35/F-DIE | 1212345 | 1 |
| CRIMPFOX-C50 RCT 35-1/DIE | 1212341 | 1 |
| CRIMPFOX-C50 RCT 50-1/DIE | 1212342 | 1 |
| CRIMPFOX-C50 R25-35/DIE | 1212349 | 1 |
| CRIMPFOX-C50 R35-50/DIE | 1212350 | 1 |
| CRIMPFOX-C50 R50-70/DIE | 1212351 | 1 |

ERC

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-C120 | 1212318 | 1 |

| Accessories | | |
|-----------------------------|---------|---|
| CRIMPFOX-C120 AI 70/M-DIE | 1212335 | 1 |
| CRIMPFOX-C120 AI 95/M-DIE | 1212336 | 1 |
| CRIMPFOX-C120 AI 50/F-DIE | 1212337 | 1 |
| CRIMPFOX-C120 AI 70/F-DIE | 1212338 | 1 |
| CRIMPFOX-C120 AI 95/F-DIE | 1212339 | 1 |
| CRIMPFOX-C120 AI 120/DIE | 1209910 | 1 |
| CRIMPFOX-C120 RCI 10/DIE | 1212327 | 1 |
| CRIMPFOX-C120 RCI 16/DIE | 1212328 | 1 |
| CRIMPFOX-C120 RCI 25/DIE | 1212329 | 1 |
| CRIMPFOX-C120 RCI 35/DIE | 1212330 | 1 |
| CRIMPFOX-C120 RC 70/M-DIE | 1212331 | 1 |
| CRIMPFOX-C120 RC 35/F-DIE | 1212332 | 1 |
| CRIMPFOX-C120 RC 50/F-DIE | 1212333 | 1 |
| CRIMPFOX-C120 RC 70/F-DIE | 1212334 | 1 |
| CRIMPFOX-C120 RCT 35-1/DIE | 1212320 | 1 |
| CRIMPFOX-C120 RCT 50-1/DIE | 1212321 | 1 |
| CRIMPFOX-C120 RCT 70-1/DIE | 1212319 | 1 |
| CRIMPFOX-C120 RCT 95-1/DIE | 1212322 | 1 |
| CRIMPFOX-C120 RCT 120-1/DIE | 1212323 | 1 |
| CRIMPFOX-C120 R25-50/DIE | 1212324 | 1 |
| CRIMPFOX-C120 R35-70/DIE | 1212325 | 1 |
| CRIMPFOX-C120 R95/DIE | 1212326 | 1 |

| Description |
|---|
| Basic pliers , with ratchet function, accommodate crimping dies for various types of contact Up to 50 mm ² Two-hand operation up to 120 mm ² |

| Description |
|---|
| Upper part of die , for ferrules 50 mm ² , 70 mm ² , trapezoidal crimp For 95 mm ² Lower part of die , for ferrules 50 mm ² , trapezoidal crimp For 70 mm ² For 95 mm ² Die (pair) , for ferrules 120 mm ² , trapezoid crimp |
| Die pair , for insulated cable lugs, 10 mm ² , oval crimp |
| For 16 mm ² For 25 mm ² For 35 mm ² Die upper part , for uninsulated cable lugs, (DIN 46234) 6 - 35 mm ² , indent crimp |
| for 6 - 70 mm ² Die lower part , for uninsulated cable lugs, 25 mm ² , indent crimp |
| For 35 mm ² For 10, 16, 25, 35 mm ² For 6, 50 mm ² For 10, 70 mm ² Die (pair) , for standard copper tubular cable lugs, 35 mm ² , WM crimp |
| For 16, 35 mm ² For 50 mm ² For 25, 50 mm ² For 10, 70 mm ² For 95 mm ² For 120 mm ² Pre-round die (pair) , for sector cable, 25, 35 mm ² |
| For 35, 50 mm ² For 50, 70 mm ² For 25, 50 mm ² For 35, 70 mm ² For 95 mm ² |

| Description |
|---|
| Die pair , for insulated cable lugs, 10 mm ² , oval crimp |
| For 16 mm ² For 25 mm ² For 35 mm ² Die upper part , for uninsulated cable lugs, (DIN 46234) 6 - 35 mm ² , indent crimp |
| for 6 - 70 mm ² Die lower part , for uninsulated cable lugs, 25 mm ² , indent crimp |
| For 35 mm ² For 10, 16, 25, 35 mm ² For 6, 50 mm ² For 10, 70 mm ² Die (pair) , for standard copper tubular cable lugs, 35 mm ² , WM crimp |
| For 16, 35 mm ² For 50 mm ² For 25, 50 mm ² For 10, 70 mm ² For 95 mm ² For 120 mm ² Pre-round die (pair) , for sector cable, 25, 35 mm ² |
| For 35, 50 mm ² For 50, 70 mm ² For 25, 50 mm ² For 35, 70 mm ² For 95 mm ² |

Hand tools

CRIMPFOX crimping pliers for uninsulated slip-on sleeves

- Processes uninsulated slip-on blade connectors and slip-on sleeves up to 6 mm²
- Consistently high crimping quality, thanks to the integrated pressure lock
- Marked die stations for precise processing of the relevant cross sections

Notes:
Suitable ferrules, cable lugs and flat connectors have been documented, see from page 480.



Conductor cross section of 0.1 ... 1.5 mm²



Conductor cross section of 0.1 ... 1.5 mm²

ERC

ERC

| Area of application | |
|---|--------------------------|
| Conductor | [mm ²] / AWG |
| Crimping | |
| Description | |
| Crimping pliers, for 2.8/4.8 mm uninsulated slip-on sleeves, three marked die stations, unlockable pressure lock, lateral entry | |
| Crimping pliers, compact pliers, for uninsulated slip-on sleeves, 2.8 / 4.8 mm, three marked die stations, unlockable pressure lock, lateral entry | |
| Crimping pliers, for 2.8 / 4.8 / 6.3 mm uninsulated slip-on sleeves, three marked die stations, unlockable pressure lock, lateral entry | |
| Crimping pliers, for 2.8 / 4.8 / 6.3 mm uninsulated slip-on sleeves, three marked die stations, unlockable pressure lock, lateral entry, incl. positioning tool | |
| Crimping pliers, compact pliers, for angled (right), uninsulated slip-on sleeves, marked die station, unlockable pressure lock, lateral entry | |
| Replacement die | |
| Replacement recuperating spring | |

| Technical data | | |
|--------------------------------|-----------|-----------|
| 0.1 - 1.5 / 26 - 16 B crimp | | |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-SC 1,5 | 1212048 | 1 |
| Accessories | | |
| CRIMPFOX-SC 1,5/DIE | 1212049 | 1 |
| CRIMPFOX/ SPR-3 | 1212036 | 10 |

| Technical data | | |
|--------------------------------|-----------|-----------|
| 0.1 - 1.5 / 26 - 16 B crimp | | |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-SC 1,5-M | 1212725 | 1 |
| Accessories | | |
| CRIMPFOX/ SPR-1 | 1212069 | 1 |



Conductor cross section of 0.5 ... 6 mm²



Conductor cross section of 0.5 ... 6 mm²



For angled slip-on sleeves, 1.0 - 2.5 mm² conductor cross section

ERC

Technical data

0.5 - 6 / 20 - 10
B crimp

Ordering data

| Type | Order No. | Pcs./Pkt. |
|---------------|-----------|-----------|
| CRIMPFOX-SC 6 | 1212050 | 1 |

Accessories

| | | |
|-------------------|---------|---|
| CRIMPFOX-SC 6/DIE | 1212051 | 1 |
| CRIMPFOX/ SPR-1 | 1212069 | 1 |

ERC

Technical data

0.5 - 6 / 22 - 10
B crimp

Ordering data

| Type | Order No. | Pcs./Pkt. |
|----------------|-----------|-----------|
| CRIMPFOX-SC 6L | 1212052 | 1 |

Accessories

| | | |
|-------------------|---------|---|
| CRIMPFOX-SC 6/DIE | 1212051 | 1 |
| CRIMPFOX/ SPR-1 | 1212069 | 1 |

ERC

Technical data

1 - 2.5 / 18 - 14
B crimp

Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------------|-----------|-----------|
| CRIMPFOX-SCA 2,5-M | 1212726 | 1 |

Accessories

| | | |
|-----------------|---------|---|
| CRIMPFOX/ SPR-1 | 1212069 | 1 |
|-----------------|---------|---|

Hand tools

Crimping pliers for COMBICON crimp connectors and CK 1,6-ER... OIC rolled contacts



- Symmetrical and optimum crimping results are achieved, thanks to the parallel motion sequences of the dies
- Low manual force combined with high crimping force achieves precise processing results for the corresponding cross sections
 - Crimping pliers for COMBICON crimp connectors and CK 1,6-ER... OIC rolled contacts
 - The positioning tool ensures that the contact is optimally aligned before the crimping process

new



Conductor cross section of 0.14 ... 2.5 mm²

ERC

| Area of application |
|---------------------|
| Crimping |

| Description |
|---|
| Crimping pliers for COMBICON crimp connectors, cross section: 0.14 ... 0.75 mm ² . Unlockable pressure lock, front entry, incl. 2 positioning tools |
| Crimping pliers for CK 1,6-ER... OIC rolled contacts, cross section: 0.14 ... 2.5 mm ² , unlockable pressure lock, front entry, incl. positioning tool |

| Technical data | | |
|--------------------------------|-----------|-----------|
| B crimp | | |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-P CC 0.75 L | 1064998 | 1 |
| CRIMPFOX-P CK 1.6 ER 2.5 OIC-L | 1069228 | 1 |

Accessories

Hand tools

CRIMPFOX crimping pliers for turned contacts

- Crimping pliers for processing turned contacts of up to 10 mm²
- The integrated positioning tool ensures that the contacts are perfectly aligned in the die
- Marked die stations for precise processing of the relevant cross sections



Conductor cross section of 0.14 - 4 mm²

| | |
|---|--------------------------|
| Area of application | |
| Conductor | [mm ²] / AWG |
| Crimping | |
| Description | |
| Crimping pliers, for turned pin and socket contacts, CK1,6-ED..., CK2,5-ED..., CK4,0-ED... | |
| 0.14 - 4.0 mm ² | |
| Crimping pliers, for turned pin and socket contacts, CK4,0-ED..., 6.0 -10.0 mm ² | |
| Replacement die | |
| - For CRIMPFOX-TC 4 | |
| - For CRIMPFOX-TC 10 | |
| Replacement recuperating spring | |

| Technical data | | | |
|--------------------|-----------|-----------|--|
| 0.14 - 4 / 26 - 12 | | | |
| Square crimp | | | |
| Ordering data | | | |
| Type | Order No. | Pcs./Pkt. | |
| CRIMPFOX-TC 4 | 1212113 | 1 | |
| CRIMPFOX-TC 10 | 1212114 | 1 | |
| Accessories | | | |
| CRIMPFOX-TC 4/DIE | 1212295 | 1 | |
| CRIMPFOX-TC 10/DIE | 1212296 | 1 | |
| CRIMPFOX/ SPR-1 | 1212069 | 1 | |

CRIMPFOX four-mandrel crimping pliers for turned contacts, with digital display

- Crimping pliers for processing turned pin and socket contacts of up to 2.5 mm²
- Crimp depth setting in increments from 0.01 mm possible
- Low strain and length adjustment of the contacts, thanks to special crimp geometry
- The integrated positioning tool ensures that the contacts are perfectly aligned in the die
- You can find further details on this product (incl. connector matrix) at phoenixcontact.net/products



Conductor cross sections of 0.08 - 2.5 mm²

| | |
|--|--------------------------|
| Area of application | |
| Conductor | [mm ²] / AWG |
| Crimping | |
| Description | |
| Crimping pliers, for turned contacts, universal cross section setting, up to a maximum of 2.5 mm ² , digital display with 0.01 mm increments, unlockable pressure lock, lateral entry, including positioning tool | |
| black | |
| Crimping pliers, for turned contacts, universal cross section setting, from 0.08 mm ² up to a maximum of 2.5 mm ² , digital display with 0.01 mm increments, unlockable pressure lock, lateral entry, including positioning tool | |
| black | |

| Technical data | | | |
|-----------------------|-----------|-----------|--|
| 0.08 - 2.5 / 28 - 14 | | | |
| Four-mandrel crimping | | | |
| Ordering data | | | |
| Type | Order No. | Pcs./Pkt. | |
| CRIMPFOX-TC MP | 1212510 | 1 | |
| CRIMPFOX-TC MP-1 | 1212620 | 1 | |

CRIMPFOX crimping pliers for coaxial connectors

- CRIMPFOX-CX... are crimping pliers for processing coaxial connectors
- Consistently high crimping quality, thanks to the pressure lock, which can be unlocked without tools
- Marked die stations for precise processing of the relevant cross sections

Notes:
Replacement dies and replacement retaining springs can be found in the product area on our website at phoenixcontact.net/products.



For coaxial connectors

For coaxial connectors

ERC

ERC

| Technical data | | |
|---------------------|----------|--|
| Area of application | Crimping | |
| HEX crimp | | |

| Technical data | | |
|---------------------|----------|--|
| Area of application | Crimping | |
| HEX crimp | | |

| Ordering data | | |
|---------------|--|--|
|---------------|--|--|

| Ordering data | | |
|---------------|--|--|
|---------------|--|--|

| Description | Type | Order No. | Pcs./Pkt. |
|---|------------------|-----------|-----------|
| Crimping pliers, for: Coaxial connectors, 1.69 mm, 3.25 mm, 4.52 mm, three marked die stations, unlockable pressure lock, lateral entry, hex crimp | CRIMPFOX-CX 4,52 | 1212094 | 1 |
| Crimping pliers, compact pliers, coaxial connectors, 1.69 mm, 3.25 mm, 4.52 mm, three marked die stations, unlockable pressure lock, lateral entry, Hex crimp | | | |
| Crimping pliers, compact pliers, coaxial connectors, 1.69 mm, 5.41 mm, 6.48 mm, three marked die stations, unlockable pressure lock, lateral entry, Hex crimp | | | |
| Crimping pliers, for: coaxial connectors, 1.69 mm, 5.41 mm, 6.48 mm, three marked die stations, unlockable pressure lock, lateral entry, Hex crimp | CRIMPFOX-CX 6,48 | 1212095 | 1 |
| Crimping pliers, compact pliers, coaxial connectors, 0.7 mm, 1.07 mm, 1.69 mm, 3.25 mm, 4.52 mm, 5.41 mm, six marked die stations, unlockable pressure lock, lateral entry, Hex crimp | | | |
| Crimping pliers, for: coaxial connectors, 1.73 mm, 8.23 mm, 9.14 mm, three marked die stations, unlockable pressure lock, lateral entry | | | |
| Crimping pliers, for: coaxial connectors, 2.54 mm, 10.54 mm, two marked die stations, unlockable pressure lock, lateral entry | | | |
| black | | | |
| Crimping pliers, compact pliers, coaxial connectors, 1.69 mm, 2.54 mm, 5.41 mm, 10.90 mm, four marked die stations, unlockable pressure lock, lateral entry | | | |
| black | | | |
| Crimping pliers, compact pliers, coaxial connectors, HDTV, BNC, TNC, 1.04 mm, 4.52 mm, 6.48 mm, 7.06 mm, four marked die stations, unlockable pressure lock, lateral entry | | | |
| black | | | |

| Description | Type | Order No. | Pcs./Pkt. |
|-------------|-----------------------|-----------|-----------|
| | CRIMPFOX-CX 4,52-M | 1212713 | 1 |
| | CRIMPFOX-CX 6,48-M | 1212714 | 1 |
| | CRIMPFOX-CX 5,41-M | 1212712 | 1 |
| | CRIMPFOX-CX 9,14 | 1212096 | 1 |
| | CRIMPFOX-CX 10,54 | 1212097 | 1 |
| | CRIMPFOX-CX 10,90-1 | 1212715 | 1 |
| | CRIMPFOX-CX 7,06 HD-M | 1212718 | 1 |

Hand tools

CRIMPFOX crimping pliers for coaxial CATV connectors

- CRIMPFOX-CATV... are crimping pliers for processing coaxial CATV connectors
- Consistently high crimping quality, thanks to the pressure lock
- Release as soon as the required crimping pressure is reached. This ensures sufficient pressure is applied
- Ergonomically designed handle for fatigue-proof and non-slip use



For CATV connectors



For CATV connectors

| Technical data | |
|---------------------------------|---|
| Area of application | Crimping |
| Ordering data | |
| Description | <p>Crimping pliers, for CATV connectors, RG 6.59, 1.69 mm, 8.23 mm, two marked die stations, unlockable pressure lock, lateral entry</p> <p>Crimping pliers, for CATV connectors, 6.65 mm, 8.23 mm, 9.70 mm, three marked die stations, unlockable pressure lock, lateral entry</p> |
| Accessories | |
| Replacement recuperating spring | CRIMPFOX/ SPR-1 |

| Technical data | | |
|--------------------|-----------|-----------|
| HEX crimp | | |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-CATV 8,23 | 1212716 | 1 |
| Accessories | | |
| CRIMPFOX/ SPR-1 | 1212069 | 1 |

| Technical data | | |
|----------------------|-----------|-----------|
| HEX crimp | | |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-CATV 8,23-1 | 1212717 | 1 |
| Accessories | | |
| CRIMPFOX/ SPR-1 | 1212069 | 1 |

CRIMPFOX crimping pliers for D-SUB, coaxial, and fiber optic connectors

- The integrated positioning tool of the CRIMPFOX D-SUB... ensures that the contacts are perfectly aligned in the die

Notes:
Replacement dies and replacement retaining springs can be found in the product area on our website at phoenixcontact.net/products.



For D-SUB contacts



For FO connectors

| Technical data | |
|---------------------------------|--|
| Area of application | Crimping |
| Ordering data | |
| Description | <p>Crimping pliers - For rolled D-SUB contacts, high-density, 0.08 mm² - 0.5 mm², incl. contact locator</p> <p>- For rolled D-SUB contacts, standard, 0.05 mm² - 0.5 mm², incl. contact locator</p> <p>Crimping pliers, for FO connectors, 3.25 mm, 3.84 mm, 4.52 mm, 5.0 mm, 5.41 mm, five marked die stations, unlockable pressure lock, lateral entry</p> |
| Accessories | |
| Replacement recuperating spring | CRIMPFOX/ SPR-3 |

| Technical data | | |
|-------------------|-----------|-----------|
| B crimp | | |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-DSUB 5 | 1212111 | 1 |
| CRIMPFOX-DSUB 5-1 | 1212711 | 1 |
| Accessories | | |
| CRIMPFOX/ SPR-3 | 1212036 | 10 |

| Technical data | | |
|------------------|-----------|-----------|
| HEX crimp | | |
| Ordering data | | |
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-FO 5,41 | 1212099 | 1 |
| Accessories | | |
| CRIMPFOX/ SPR-1 | 1212069 | 1 |

CRIMPFOX crimping pliers for solar connectors

- Safe crimping of MC3 and MC4 solar connectors from Multi-Contact and SOLARLOK connectors from Tyco
- Ergonomically designed grip
- Optimized mechanical transmission reduces the force required by up to 25 percent



Conductor cross section of 2.5 - 6 mm²



Conductor cross section of 2.5 - 6 mm²

| Description | Ordering data | | | Ordering data | | |
|---|-----------------|-----------|-----------|-----------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Crimping pliers , square crimp, for MC3 solar connectors, 2.5 – 6 mm ² , unlockable pressure lock, lateral entry, with three marked die stations | CRIMPFOX-SR 6-1 | 1212467 | 1 | | | |
| Crimping pliers , B-crimp, for MC4 solar connectors, 2.5 – 6 mm ² , unlockable pressure lock, lateral entry, with three marked die stations | CRIMPFOX-SR 6-2 | 1212468 | 1 | | | |
| Crimping pliers , square crimp, for SOLARLOK solar connectors, 2.5 – 6 mm ² , unlockable pressure lock, lateral entry, with three marked die stations | CRIMPFOX-SR 6-3 | 1212469 | 1 | | | |
| Crimping pliers , B-crimp, for SUNCLIX solar crimp connectors 2.5 ... 6 mm ² , unlockable pressure lock, precise parallel crimping, lateral entry, including positioning tool | | | | CRIMPFOX-P SR 6 | 1212755 | 1 |

CRIMPFOX universal pliers for accommodating various crimp inserts

Notes:
For more crimping dies for ferrules, cable lugs, slip-on sleeves, turned contacts, coaxial, RJ45, and RJ11 connectors, visit phoenixcontact.net/products



- One of the key features of the CRIMPFOX-M crimping pliers is the way the crimp inserts can be quickly replaced without the need for tools
- The variety of inserts makes it a space-saving universal tool for all crimping applications
- Suitable for one and two-hand operation. Contacts up to 50 mm² are also processed easily, with minimum effort

| Description |
|---|
| Basic pliers , for accommodating dies for various contact types, unlockable pressure lock, lateral entry |
| Crimping pliers set , consisting of CRIMPFOX-M and dies 1212074, 1212079, 1212080, 1212081 |



Basic pliers

| Ordering data | | |
|----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-M | 1212072 | 1 |
| CRIMPFOX-M SET | 1212093 | 1 |

Hand tools

Dies for the CRIMPFOX-M universal pliers

A wide variety of interchangeable crimp dies enables use in all areas of application, with just one crimping tool, the CRIMPFOX-M.

- Die upper and lower parts are connected securely to each other and can therefore not be swapped
- Delivery is in an alignable storage box

Notes:
For more crimping dies for ferrules, cable lugs, slip-on sleeves, turned contacts, coaxial, RJ45, and RJ11 connectors, visit phoenixcontact.net/products



Dies for CRIMPFOX-M

ERC

| | | Ordering data | | |
|---|------------------------------|---------------|-----------|--|
| Description | Type | Order No. | Pcs./Pkt. | |
| Die, for MC3 solar connectors Lateral entry, 2.5 - 6 mm ² for MC4 solar connectors, lateral entry, 2.5 - 6 mm ² for SOLARLOK solar connectors, lateral entry, 2.5 - 6 mm ² | CRIMPFOX-M SR 6-1/DIE | 1212471 | 1 | |
| | CRIMPFOX-M SR 6-2/DIE | 1212472 | 1 | |
| | CRIMPFOX-M SR 6-3/DIE | 1212473 | 1 | |
| Die, for ferrules for 0.25 - 10 mm ² for 16 - 25 mm ² for 35 - 50 mm ² | CRIMPFOX-M 10/DIE | 1212080 | 1 | |
| | CRIMPFOX-M 25/DIE | 1212081 | 1 | |
| | CRIMPFOX-M 50/DIE | 1212082 | 1 | |
| Die, for insulated cable lugs for 0.5 - 1.5 mm ² and 1.5 - 2.5 mm ² for insulated cable lugs, 0.1 - 0.4 mm ² and 4 - 6 mm ² | CRIMPFOX-M RC1 2,5/DIE | 1212074 | 1 | |
| | CRIMPFOX-M RC1 6/DIE | 1212073 | 1 | |
| Die, for uninsulated cable lugs for 0.75 - 2.5 mm ² for 0.5 - 6 mm ² for 4 - 6 and 10 mm ² for 4 - 10 mm ² | CRIMPFOX-M RC 2,5/DIE | 1212078 | 1 | |
| | CRIMPFOX-M RC 6/DIE | 1212079 | 1 | |
| | CRIMPFOX-M RC 10-1/DIE | 1212744 | 1 | |
| | CRIMPFOX-M RC 10/DIE | 1212077 | 1 | |
| Die, for uninsulated slip-on sleeves for 0.1 - 1 mm ² for 0.5 - 2.5 mm ² for 0.5 - 6 mm ² with wide, flat crimp for 0.5 - 6 mm ² for angled slip-on sleeves, for 6.3 mm, 1.0 - 2.5 mm ² for angled slip-on sleeves, for 8 mm, 1.0 - 2.5 mm ² | CRIMPFOX-M SC 1/DIE | 1212083 | 1 | |
| | CRIMPFOX-M SC 2,5/DIE | 1212084 | 1 | |
| | CRIMPFOX-M SC 6/DIE | 1212085 | 1 | |
| | CRIMPFOX-M SC 6-FL/DIE | 1212741 | 1 | |
| | CRIMPFOX-M SCA 2,5/DIE | 1212742 | 1 | |
| CRIMPFOX-M SCA 2,5-1/DIE | 1212743 | 1 | | |
| Die, for turned pin and socket contacts CK2,5-ED..., CK4,0-ED..., cross section 0.5 - 4 mm ² CK4,0-ED..., cross section 6 - 10 mm ² | CRIMPFOX-M TC 4/DIE | 1212075 | 1 | |
| | CRIMPFOX-M TC 10/DIE | 1212076 | 1 | |
| Die, for RG 174, RG 179, BNC, TNC coaxial connectors for RG 174, RG 179, BNC, TN for RG 58, RG 59, RG 62, RG 71, BNC, TNC | black CRIMPFOX-M CX-1/DIE | 1212087 | 1 | |
| | black CRIMPFOX-M CX-2/DIE | 1212088 | 1 | |
| for CATV RG 6,59 for BNC, TNC, RG6, 1.73, 6.48, 8.23 mm | black CRIMPFOX-M CX-3/DIE | 1212089 | 1 | |
| | black CRIMPFOX-M CX-4/DIE | 1212745 | 1 | |
| for BNC, TNC, 0.70, 3.25, 3.85 mm for BNC, TNC, 1.07, 6.48, 8.23 mm for BNC, TNC, 1.72, 5.41 mm for CATV RG 6.59 1.72, 8.23 mm | CRIMPFOX-M CX-5/DIE | 1212746 | 1 | |
| | CRIMPFOX-M CX-6/DIE | 1212747 | 1 | |
| | CRIMPFOX-M CX-7/DIE | 1212748 | 1 | |
| | CRIMPFOX-M CX-8/DIE | 1212749 | 1 | |
| Die, for unshielded RJ45 connectors for unshielded RJ11 connectors | black CRIMPFOX-M RJ45/DIE | 1212090 | 1 | |
| | black CRIMPFOX-M RJ11/DIE | 1212091 | 1 | |
| Die, for shrink connectors, 0.5 - 1.5 mm² red and 1.5 - 2.5 mm² blue | black CRIMPFOX-M HS/DIE | 1219092 | 1 | |
| Die, for shrink connectors, 0.1 - 0.4 mm² green and 4 - 6 mm² yellow | CRIMPFOX-M HS-1/DIE | 1212282 | 1 | |

CRIMPFOX universal pliers for accommodating various dies for data connectors

- One of the key features of the CRIMPFOX-C D crimping pliers is the way the crimp inserts can be quickly replaced without the need for tools
- A space-saving, universal tool for processing data connectors



Basic pliers



Dies for CRIMPFOX-C D

ERC

| Ordering data | | | |
|---------------|-----------|-----------|--|
| Type | Order No. | Pcs./Pkt. | |
| CRIMPFOX-C D | 1212734 | 1 | |

ERC

| Ordering data | | |
|----------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPFOX-C RJ11/DIE | 1212735 | 1 |
| CRIMPFOX-C RJ22/DIE | 1212736 | 1 |
| CRIMPFOX-C RJ45/DIE | 1212737 | 1 |
| CRIMPFOX-C RJ45U/DIE | 1212738 | 1 |
| CRIMPFOX-C 10P/DIE | 1212739 | 1 |
| CRIMPFOX-C MMJ/DIE | 1212740 | 1 |

| Description |
|---|
| Basic pliers , for accommodating dies for various contact types, unlockable pressure lock, lateral entry |
| Die , for unshielded RJ11 connectors |
| Die , for unshielded RJ22 connectors |
| Die , for unshielded RJ45 connectors |
| Die , for unshielded RJ45 connectors, universal |
| Die , 10-pos. |
| Die , for DEC MML connectors |

Hand tools

Portable crimping machine for ferrules, cable lugs, and connectors



A key feature of the CF 500 is its easy handling and high degree of flexibility.

A huge range of different contact types can be processed with this crimping device. Positioning aids make it easier to crimp the contacts.

- For further information, accessories, and technical data, refer to the AUTOMATIC DEVICES section

Notes:

Further dies and accessories, as well as technical data, can be found at phoenixcontact.net/products

An application video can be found in the download area for the relevant product on our website at phoenixcontact.net/products.



Connectors up to 50 mm²

Description

Crimping device, 230 V/50 Hz version, with quantity counter and foot switch

Crimping device, 120 V/60 Hz version, with quantity counter and foot switch

Ordering data

| Type | Order No. | Pcs./Pkt. |
|-------------|-----------|-----------|
| CF 500-230V | 1208348 | 1 |
| CF 500-120V | 1208351 | 1 |

Portable automatic stripping and crimping device for taped products



- The compact stripping and crimping device can be used to process taped ferrules with insulating collars in accordance with DIN 46228-4 / UL 486F
- Up to 1000 conductors are processed per hour
- The conductor is stripped in a single operation and is crimped with a ferrule to a high standard of quality

- For further information, accessories, and technical data, refer to the AUTOMATIC DEVICES section

Notes:

¹⁾ Depends on the characteristics of the conductor material and insulation material.

An application video can be found in the download area for the relevant product on our website at phoenixcontact.net/products.



Conductor cross sections from 0.25 to 2.5 mm²

Description

Stripping and crimping device, 230 V version, for taped insulated ferrules 0.25 - 2.5 mm², sleeve length 8 mm, incl. conversion kits 0.5 - 2.5 mm²¹⁾

Stripping and crimping device, 120 V version, for taped insulated ferrules 0.25 - 2.5 mm², sleeve length 8 mm, incl. conversion kits 0.5 - 2.5 mm²¹⁾

Ordering data

| Type | Order No. | Pcs./Pkt. |
|------------------|-----------|-----------|
| CF 3000-2,5 | 1205477 | 1 |
| CF 3000-2,5 120V | 1205516 | 1 |

Stripping and crimping device for loose ferrules



The stripping and crimping device can be used to process loose ferrules from 0.25 to 4 mm² with insulating collars in accordance with DIN 46228-4 / UL 486F.

The optimized sensor technology has improved the processing of small cross sections.

- The conductor is stripped and crimped with a ferrule to a high standard of quality in a single step, which enables up to 1000 conductors to be processed per hour
- For further information, accessories, and technical data, refer to the AUTOMATIC DEVICES section

Notes:

Accessories and replacement parts for older device versions can be found at phoenixcontact.net/products.

¹⁾ Depends on the characteristics of the conductor material and insulation material.



Conductor cross sections from 0.25 to 4 mm²

ERIC

Ordering data

Description

Stripping and crimping device, 100 - 240 V version, electro-pneumatic, for loose ferrules with insulating collar, 0.25 - 4 mm², incl. conversion kits 0.5 – 1.5 mm² (sleeve length 6 - 12 mm)¹⁾

| Type | Order No. | Pcs./Pkt. |
|-------------|-----------|-----------|
| CF 1000-1,5 | 1208199 | 1 |

Hand tools

CRIMPHANDY, portable crimping device



The CRIMPHANDY represents innovation for switchgear manufacturing. You can strip and crimp your conductors in under two seconds, using this portable hand-held device. That's 75% less time than before.

- The CRIMPHANDY impresses with its easy, effortless handling, which helps protect your joints and tendons
- The compact light weight 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
- Automatic cross section monitoring prevents faulty crimping as a result of incorrect conductor sizes
- The attachable waste receptacle collects the discarded insulation. It thereby helps to ensure a clean working environment
- The cutting unit provides a convenient option of cutting the conductors to length right at the device
- The AI...S ferrules in accordance with UL 486F are UL-certified when used in combination with the CF CRIMPHANDY



Notes:
 1) These color and/or length variants of ferrules are currently not included in DIN 46228-4 and UL 486F, and are therefore not UL-certified. As of 11/2018. Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.



| Dimensions | |
|------------------|--------------------------|
| | [mm] |
| General data | |
| Weight | [kg] |
| Conductor | [mm ²] / AWG |
| Working cycle | [s] |
| Insertion length | [mm] |
| Crimping | Square crimp |

| Description |
|---|
| Mobile crimping device, battery-powered , for processing taped ferrules with function end, incl. battery, charger (100 - 240 V), CUTFOX 12 cable cutter, service tool for troubleshooting and one strip of ferrules, packaged in a robust case |
| suitable for standard PVC conductors (H05VK, H07VK class 5) |

| Taped ferrules |
|--|
| with function end, 8 mm, with plastic sleeve, in accordance with DIN 46228-4 and UL 486F, UL and CSA-certified, 50 pieces per strip, 20 strips per unit pack |
| in accordance with DIN 46228-4, UL 486F, and NFC 63-023 Special color ¹⁾ |
| in accordance with DIN 46228-4 and UL 486F Special color ¹⁾ |
| in accordance with NFC 63-023 ¹⁾ |
| in accordance with DIN 46228-4, UL 486F, and NFC 63-023 Special color ¹⁾ |
| in accordance with DIN 46228-4, UL 486F, and NFC 63-023 Special color ¹⁾ |

Replacement battery, for CF CRIMPHANDY..., Li-ion 7.4 V, 0.68 Ah

Replacement waste guide plate 1, for CF CRIMPHANDY...

Replacement waste guide plate 2,
 for CF CRIMPHANDY 0,5
 for CF CRIMPHANDY 0,75
 for CF CRIMPHANDY 1,0
 for CF CRIMPHANDY 1,5

Replacement service tool, for rectifying malfunctions
 for CF CRIMPHANDY 0,5
 for CF CRIMPHANDY 0,75

for CF CRIMPHANDY 1,0
 for CF CRIMPHANDY 1,5

Cutting unit, for CF CRIMPHANDY, for copper wires from 0.5 - 1.5 mm², incl. receptacle tray

Replacement charger, for CF CRIMPHANDY..., 100 - 240 V AC

| Technical data | | |
|----------------|--------|--------|
| Width | Length | Height |
| 43 | 205 | 70 |

| Ordering data | | |
|-------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CF CRIMPHANDY 0,5 | 1212463 | 1 |

| Accessories | | |
|--------------------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| AI 0,5-8 WH-S | 1212521 | 1000 |
| AI 0,5-8 OG-S | 1212784 | 1000 |
| CF CRIMPHANDY/ACCU | 1212518 | 1 |
| CF CRIMPHANDY/GP1 | 1212514 | 1 |
| CF CRIMPHANDY 0,5/GP2 | 1212515 | 1 |
| CF CRIMPHANDY 0,5/SERVICE-TOOL | 1212787 | 1 |
| CF CRIMPHANDY CUTTER | 1212520 | 1 |
| CF CRIMPHANDY/CHARGER | 1212519 | 1 |



ERC

ERC

ERC

| Technical data | | |
|--|--------|--------|
| Width | Length | Height |
| 43 | 205 | 70 |
| 0.43 - 0.75 / - < 2 > 32 mm Square crimp | | |

| Technical data | | |
|---|--------|--------|
| Width | Length | Height |
| 43 | 205 | 70 |
| 0.43 - 1 / - < 2 > 32 mm Square crimp | | |

| Technical data | | |
|---|--------|--------|
| Width | Length | Height |
| 43 | 205 | 70 |
| 0.43 - 1.5 / - < 2 > 32 mm Square crimp | | |

| Ordering data | | |
|--------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CF CRIMPHANDY 0,75 | 1212464 | 1 |

| Ordering data | | |
|-------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CF CRIMPHANDY 1,0 | 1212465 | 1 |

| Ordering data | | |
|-------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CF CRIMPHANDY 1,5 | 1212466 | 1 |

| Accessories | | |
|---------------------------------|---------|------|
| AI 0,75- 8 GY-S | 1212522 | 1000 |
| AI 0,75- 8 WH-S | 1212783 | 1000 |
| AI 0,75- 8 BU-S | 1212785 | 1000 |
| CF CRIMPHANDY/ACCU | 1212518 | 1 |
| CF CRIMPHANDY/GP1 | 1212514 | 1 |
| CF CRIMPHANDY 0,75/GP2 | 1212516 | 1 |
| CF CRIMPHANDY 0,75/SERVICE-TOOL | 1212786 | 1 |
| CF CRIMPHANDY CUTTER | 1212520 | 1 |
| CF CRIMPHANDY/CHARGER | 1212519 | 1 |

| Accessories | | |
|--------------------------------|---------|------|
| AI 1,0-8 RD-S | 1212523 | 1000 |
| AI 1,0-8 YE-S | 1212782 | 1000 |
| CF CRIMPHANDY/ACCU | 1212518 | 1 |
| CF CRIMPHANDY/GP1 | 1212514 | 1 |
| CF CRIMPHANDY 1,0/GP2 | 1212517 | 1 |
| CF CRIMPHANDY 1,0/SERVICE-TOOL | 1212759 | 1 |
| CF CRIMPHANDY CUTTER | 1212520 | 1 |
| CF CRIMPHANDY/CHARGER | 1212519 | 1 |

| Accessories | | |
|--------------------------------|---------|------|
| AI 1,5-8 BK-S | 1212524 | 1000 |
| AI 1,5-8 RD-S | 1212781 | 1000 |
| CF CRIMPHANDY/ACCU | 1212518 | 1 |
| CF CRIMPHANDY/GP1 | 1212514 | 1 |
| CF CRIMPHANDY 1,5/GP2 | 1212844 | 1 |
| CF CRIMPHANDY 1,5/SERVICE-TOOL | 1212708 | 1 |
| CF CRIMPHANDY CUTTER | 1212520 | 1 |
| CF CRIMPHANDY/CHARGER | 1212519 | 1 |

Hand tools

SCREWFOX screwdrivers for slotted-head screws



- Large contact surface of blades inside screw head
- Individually tested safety screwdrivers in accordance with DIN EN 60900 (VDE 0682-201)
- For working on or in the vicinity of live parts up to 1000 V AC or 1500 V DC
- The tools feature ergonomic two-component safety handles



VDE flat-bladed screwdriver



Ordering data

| Description | Type | Order No. | Pcs./Pkt. |
|--|-----------------|-----------|-----------|
| Screwdriver , for slotted-head screws, with VDE approval | | | |
| Blade: 0.4 x 2.5 x 80 mm, length: 161 mm | SZS 0,4X2,5 VDE | 1205037 | 10 |
| Blade: 0.5 x 3.0 x 100 mm, length: 181 mm | SZS 0,5X3,0 VDE | 1207404 | 10 |
| Blade: 0.6 x 2.5 x 80 mm, length: 161 mm | SZS 0,6X2,5 VDE | 1205040 | 10 |
| Blade: 0.6 x 3.5 x 100 mm, length: 181 mm | SZS 0,6X3,5 VDE | 1212602 | 10 |
| Blade: 0.8 x 4.0 x 100 mm, length: 198 mm | SZS 0,8X4,0 VDE | 1212508 | 10 |
| Blade: 1.0 x 4.0 x 100 mm, length: 198 mm | SZS 1,0X4,0 VDE | 1205066 | 10 |
| Blade: 1.0 x 5.5 x 125 mm, length: 223 mm | SZS 1,0X5,5 VDE | 1209114 | 10 |
| Blade: 1.0 x 6.5 x 150 mm, length: 248 mm | SZS 1,0X6,5 VDE | 1205079 | 10 |
| Blade: 1.2 x 8.0 x 175 mm, length: 287 mm | SZS 1,2X8,0 VDE | 1205082 | 10 |
| Screwdriver , two-component handle, with non-slip grip, for slotted-head screws | | | |
| Blade: 0.4 x 2.0 x 60 mm, length: 130 mm | | | |
| Blade: 0.4 x 2.5 x 75 mm, length: 145 mm | | | |
| Blade: 0.4 x 3.0 x 80 mm, length: 161 mm | | | |
| Blade: 0.6 x 3.5 x 100 mm, length: 181 mm | | | |
| Blade: 0.6 x 3.5 x 200 mm, length: 281 mm | | | |
| Blade: 0.8 x 4.0 x 100 mm, length: 198 mm | | | |
| Blade: 1.0 x 5.5 x 150 mm, length: 248 mm | | | |
| Blade: 1.2 x 6.5 x 150 mm, length: 255 mm | | | |
| Screwdriver , two-component handle, with non-slip grip, with impact cap, with hexagon wrench aid for open-end wrench and ring wrench, for slotted-head screws | | | |
| Blade: 1.2 x 7 x 125 mm, length: 230 mm | | | |
| Blade: 1.6 x 10 x 175 mm, length: 287 mm | | | |



Flat-bladed screwdriver, uninsulated

ERIC

Ordering data

| Type | Order No. | Pcs./Pkt. |
|---------------------|-------------------------|-----------|
| SF-SL 0,4X2,0-60 | 1212546 | 10 |
| SF-SL 0,4X2,5-75 | 1212547 | 10 |
| SF-SL 0,5X3,0-80 | 1212548 | 10 |
| SF-SL 0,6X3,5-100 | 1212549 | 10 |
| SF-SL 0,6X3,5-200 | 1212550 | 10 |
| SF-SL 0,8X4,0-100 | 1212551 | 10 |
| SF-SL 1,0X5,5-150 | 1212552 | 10 |
| SF-SL 1,2X6,5-150 | 1212553 | 10 |
| SF-SLIC 1,2X7,0-125 | 1212554 | 10 |
| SF-SLIC 1,6X10-175 | 1212555 | 10 |

Hand tools

SCREWFOX screwdrivers for Phillips and slotted-head screws



- Screwdriver for Phillips screws, with Pozidriv® and Phillips Recess® screw head
- VDE approval
- The SZG ... screwdrivers have been specially designed for driving in test socket screws safely and without slipping
- The hexagon head of the handle prevents it rolling away
- The micro-textured blade prevents slipping out of the screw

Notes:

Pozidriv®/Supadriv®, trademarks of European Ind. Serv. Ltd.
Phillips Recess®, trademark of Phillips Screw Company



VDE crosshead screwdrivers with Pozidriv® and Phillips Recess® drive



Ordering data

| Description | Type | Order No. | Pcs./Pkt. |
|--|-------------|-----------|-----------|
| Screwdrivers, for Pozidriv®/Supadriv® Phillips screws, VDE approval | | | |
| Size: PZ0 x 80 mm, length: 161 mm | SZK PZ0 VDE | 1206447 | 10 |
| Size: PZ1 x 80 mm, length: 178 mm | SZK PZ1 VDE | 1206450 | 10 |
| Size: PZ2 x 100 mm, length: 205 mm | SZK PZ2 VDE | 1206463 | 10 |
| Size: PZ3 x 150 mm, length: 262 mm | SZK PZ3 VDE | 1212599 | 10 |
| Screwdrivers, for Phillips Recess® screws, VDE approval | | | |
| Size: PH0 x 80 mm, length: 161 mm | SZK PH0 VDE | 1205147 | 10 |
| Size: PH1 x 80 mm, length: 178 mm | SZK PH1 VDE | 1205150 | 10 |
| Size: PH2 x 100 mm, length: 205 mm | SZK PH2 VDE | 1205163 | 10 |
| Size: PH3 x 150 mm, length: 262 mm | SZK PH3 VDE | 1212536 | 10 |
| Screwdrivers, for Pozidriv® Phillips screws | | | |
| Size: PZ0 x 60 mm, length: 141 mm | | | |
| Size: PZ1 x 80 mm, length: 178 mm | | | |
| Size: PZ2 x 100 mm, length: 205 mm | | | |
| Size: PZ3 x 150 mm, length: 262 mm | | | |
| Screwdrivers, for Phillips Recess® screws | | | |
| Size: PH0 x 60 mm, length: 141 mm | | | |
| Size: PH1 x 80 mm, length: 178 mm | | | |
| Size: PH2 x 100 mm, length: 205 mm | | | |
| Size: PH3 x 150 mm, length: 262 mm | | | |
| Screwdriver, for Pozidriv®/Supadriv® Phillips screws, VDE approval | | | |
| Size: PZ1 x 80 mm, length: 178 mm | | | |
| Size: PZ2 x 100 mm, length: 205 mm | | | |
| Size: PH1 x 80 mm, length: 178 mm | | | |
| Size: PH2 x 100 mm, length: 205 mm | | | |
| Screwdriver, for test socket screws, with VDE approval | | | |
| For 2.3 mm Ø screw, blade: 0.6 x 3.5 x 100 mm, length: 198 mm | | | |
| For 4 mm Ø screw, blade: 0.9 x 6.5 x 175 mm, length: 287 mm | | | |





Crosshead screwdrivers with Pozidriv® and Phillips Recess® drive, uninsulated



VDE screwdriver with plus-minus drive



VDE screwdriver with staggered blade for test socket screws

ERC

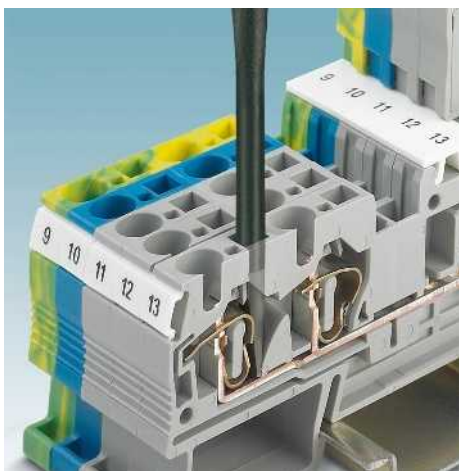
ERC

ERC

| Ordering data | | | Ordering data | | | Ordering data | | |
|---------------|-----------|-----------|-------------------|-----------|-----------|-----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| SF-PZ 0-60 | 1212562 | 10 | | | | | | |
| SF-PZ 1-80 | 1212563 | 10 | | | | | | |
| SF-PZ 2-100 | 1212564 | 10 | | | | | | |
| SF-PZ 3-150 | 1212565 | 10 | | | | | | |
| SF-PH 0-60 | 1212558 | 10 | | | | | | |
| SF-PH 1-80 | 1212559 | 10 | | | | | | |
| SF-PH 2-100 | 1212560 | 10 | | | | | | |
| SF-PH 3-150 | 1212561 | 10 | | | | | | |
| | | | SF-PZSL 1-80 VDE | 1212556 | 10 | | | |
| | | | SF-PZSL 2-100 VDE | 1212557 | 10 | | | |
| | | | SF-PHSL 1-80 VDE | 1212283 | 10 | | | |
| | | | SF-PHSL 2-100 VDE | 1212288 | 10 | | | |
| | | | | | | SZG 0,6X3,5 VDE | 1205121 | 10 |
| | | | | | | SZG 0,9X6,5 VDE | 1205134 | 10 |

Hand tools

SCREWFOX screwdrivers for Phillips and slotted-head screws with integrated protective insulation



- In addition to catering for standard applications, SF-SL ... screwdrivers are particularly suited to the assembly of modular terminal blocks
- VDE-tested, for maximum safety
- Because the insulation runs into the shaft, there is no protruding edge



VDE flat-bladed screwdrivers with integrated insulation



Ordering data

| Description | Type | Order No. | Pcs./Pkt. |
|--|-------------------------|-----------|-----------|
| Screwdriver/actuation tool , for slotted-head screws/spring-cage terminal blocks, protective insulation integrated into the shaft, two-component handle, with non-slip grip, VDE-insulated | | | |
| Blade: 0.6 x 3.5 x 100 mm, length: 181 mm | SF-SL 0,6X3,5-100 S-VDE | 1212587 | 10 |
| Blade: 0.8 x 4.0 x 100 mm, length: 198 mm | SF-SL 0,8X4,0-100 S-VDE | 1212588 | 10 |
| Blade: 1.0 x 5.5 x 150 mm, length: 248 mm | SF-SL 1,0X5,5-125 S-VDE | 1212589 | 10 |
| Screwdriver , protective insulation integrated into shaft, insulated according to VDE Size: PZ1 x 80 mm Size: PZ2 x 100 mm | | | |
| Screwdriver , protective insulation integrated into shaft, insulated according to VDE Size: PH1 x 80 mm Size: PH2 x 100 mm | | | |
| Screwdriver , protective insulation integrated into shaft, insulated according to VDE Size: Pozidriv® - bladed (plus-minus) PZ1 x 80 mm Size: Pozidriv® - bladed (plus-minus) PZ2 x 100 mm | | | |
| Screwdriver , protective insulation integrated into shaft, insulated according to VDE Size: Phillips Recess® - bladed (plus-minus) PH1 x 80 mm Size: Phillips Recess® - bladed (plus-minus) PH2 x 100 mm | | | |
| Screwdriver set , protective insulation integrated in the shaft, slotted, Phillips crosshead, combined profile, Pozidriv® + slotted (plus/minus), VDE-insulated, 7-piece, including wall bracket, set contains the following items: 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; PZSL1 x 80; PZSL2 x 100 | | | |





1000 V AC/2
1500 V DC

VDE screwdrivers with Pozidriv® or Phillips Recess® drive, with integrated insulation

ERC



1000 V AC/2
1500 V DC

VDE screwdrivers with plus-minus drive, with integrated insulation

ERC



VDE screwdriver with various drives and integrated insulation

ERC

| Ordering data | | | Ordering data | | | Ordering data | | |
|-------------------|-----------|-----------|---------------------|-----------|-----------|--------------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| SF-PZ 1-80 S-VDE | 1212695 | 10 | | | | | | |
| SF-PZ 2-100 S-VDE | 1212696 | 10 | | | | | | |
| SF-PH 1-80 S-VDE | 1212693 | 10 | | | | | | |
| SF-PH 2-100 S-VDE | 1212694 | 10 | | | | | | |
| | | | SF-PZSL 1-80 S-VDE | 1212699 | 10 | | | |
| | | | SF-PZSL 2-100 S-VDE | 1212700 | 10 | | | |
| | | | SF-PHSL 1-80 S-VDE | 1212697 | 10 | | | |
| | | | SF-PHSL 2-100 S-VDE | 1212698 | 10 | | | |
| | | | | | | SF-SL/PH/PZ-SL SET S-VDE | 1212701 | 1 |

Hand tools

SCREWFOX screwdriver and actuation tool for PT, ST, and QTC terminal blocks



- In addition to their standard application, these screwdrivers are particularly suited to actuating terminal blocks from the PT ..., ST ..., and QTC ... series
- The defined blade angle opens the spring terminal block as far as possible without leaving any damage
- The ST-BW ... curved versions are ideal for use in narrow areas



Bladed screwdriver and actuation tool for PT, ST, and QTC terminal blocks, uninsulated

ERC

Ordering data

| Description | Type | Order No. | Pcs./Pkt. |
|--|--|--|----------------------------------|
| Screwdriver/actuation tool, uninsulated, for slotted-head screws, PT, ST, and QTC terminal blocks Blade: 0.4 x 2.5 x 75 mm, length: 156 mm Blade: 0.6 x 3.5 x 100 mm, length: 181 mm Blade: 0.8 x 4.0 x 100 mm, length: 198 mm Blade: 1.0 x 5.5 x 150 mm, length: 248 mm | SZF 0-0,4X2,5 SZF 1-0,6X3,5 SZF 2-0,8X4,0 SZF 3-1,0X5,5 | 1204504 1204517 1204520 1206612 | 10 10 10 10 |
| Screwdriver/actuation tool, insulated, for slotted-head screws and all PT, ST, and QTC terminal blocks, 2.5 mm ² and 4 mm ² Blade: 0.6 x 3.5 x 100 mm, length: 181 mm | | | |
| Actuation tool, insulated, for all PT, ST, and QTC terminal blocks, 2.5 mm ² and 4 mm ² Blade: 0.6 x 3.5 mm | | | |
| Actuation tool, insulated, for all PT and ST terminal blocks, 1.5 mm ² Blade: 0.4 x 2.5 mm | | | |





Bladed screwdriver and actuation tool for PT, ST, and QTC terminal blocks, insulated



Actuation tool for PT and ST terminal blocks, insulated



Actuation tool for PT and ST terminal blocks, insulated

ERC

ERC

| Ordering data | | | Ordering data | | | Ordering data | | |
|---------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| SZS 0,6X3,5 | 1205053 | 10 | | | | | | |
| | | | ST-BW | 1207608 | 10 | | | |
| | | | | | | ST-BW 0 | 1200135 | 10 |

Tools – TOOL fox

Hand tools

SCREWFOX screwdriver for Torx® screws

- VDE-tested, for maximum safety
- Optimum edge geometries increase the bearing surface and prevent the screw from being over-tightened



VDE screwdriver for Torx® screws



Screwdriver for Torx® screws and Torx® safety screws, uninsulated

| Description | Ordering data | | | Ordering data | | |
|--------------------------------------|------------------|-----------|-----------|---------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Screwdriver, for Torx® screws | | | | | | |
| Size: TX 8 x 80 mm | SF-TX 8X80 VDE | 1200155 | 1 | SF-TXH 8X60 | 1200148 | 1 |
| Size: TX 10 x 80 mm | SF-TX 10X80 VDE | 1200156 | 1 | SF-TXH 10X80 | 1200149 | 1 |
| Size: TX 15 x 80 mm | SF-TX 15X80 VDE | 1200157 | 1 | SF-TXH 15X80 | 1200150 | 1 |
| Size: TX 20 x 80 mm | SF-TX 20X80 VDE | 1200158 | 1 | | | |
| Size: TX 20 x 100 mm | | | | SF-TXH 20X100 | 1200151 | 1 |
| Size: TX 25 x 100 mm | SF-TX 25X100 VDE | 1200159 | 1 | SF-TXH 25X100 | 1200152 | 1 |
| Size: TX 30 x 100 mm | SF-TX 30X100 VDE | 1200160 | 1 | | | |
| Size: TX 30 x 115 mm | | | | SF-TXH 30X115 | 1200153 | 1 |

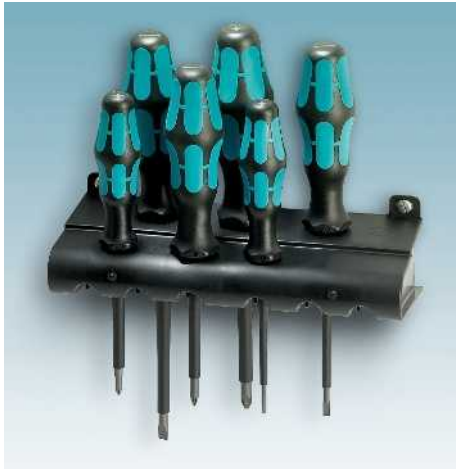
SCREWFOX single-position voltage tester



Single-position voltage tester

| Description | Ordering data | | |
|---|---------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. |
| Voltage tester , single-position, for 150 - 250 V, conforms to DIN 57680/6 and VDE 0680/6, can also be used as an actuation tool for spring-cage terminal blocks, VDE insulated, with non-slip grip, size: 0.5 x 3.0 x 70 mm | SF-VT VDE | 1212598 | 10 |

TOOL fox, screwdriver set



- The SF-...SET ... screwdriver sets are available in different versions
- Including wall bracket holder for screwdrivers

Notes:

Pozidriv®/Supadriv®, trademarks of European Ind. Serv. Ltd.
Phillips Recess®, trademark of Phillips Screw Company
Torx®, trademark of Acument Intellectual Properties, LLC, Troy, Mich., US



Screwdriver sets

ERIC

Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------------------|-----------|-----------|
| SF-SL/PH SET | 1212541 | 1 |
| SF-SL/PZ SET | 1212542 | 1 |
| SF-SL/PZ SET VDE | 1212540 | 1 |
| SF-SL/PH SET VDE | 1212539 | 1 |
| SF-SL/PH/PZ-SL SET S-VDE | 1212701 | 1 |
| SF-TXH SET | 1212538 | 1 |
| SF-TX SET VDE | 1212537 | 1 |

Description

Screwdriver set, slotted/Phillips Recess® 6-part, including wall bracket, contents: 0.5 x 3.0 x 80; 0.8 x 4.0 x 100; 1.0 x 5.5 x 150; 1.2 x 6.5 x 150, PH 1, PH 2

Screwdriver set, slotted/Pozidriv® cross-recessed, 6-part, including wall bracket, contents: 0.5 x 3.0 x 80; 0.8 x 4.0 x 100; 1.0 x 5.5 x 150; 1.2 x 6.5 x 150, PZ 1, PZ 2

Screwdriver set, slotted/Pozidriv® cross-recessed, VDE-insulated, 6-part, including wall bracket, contents: 0.4 x 2.5 x 80; 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

Screwdriver set, slotted/Phillips Recess®, VDE-insulated, 6-part, including wall bracket, contents: 0.4 x 2.5 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

Screwdriver set, protective insulation integrated in the shaft, slotted, Phillips crosshead, combined profile, Pozidriv® + slotted (plus/minus), VDE-insulated, 7-piece, including wall bracket, set contains the following items: 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; PZSL1 x 80; PZSL2 x 100

Screwdriver set, Torx® with bore hole, 6-part, including wall bracket, contents: TX 8 x 60; TX 10 x 80; TX 15 x 80; TX 20 x 100; TX 25 x 100; TX 30 x 115

Screwdriver set, Torx®, VDE-insulated, 6-part, including wall bracket, contents: TX 8 x 80; TX 10 x 80; TX 15 x 80; TX 20 x 80; TX 25 x 100; TX 30 x 100



Tools – TOOL fox

Hand tools

TOOL fox, bit set



- Bit set, in compact plastic box, with quick-change bit holder and the following 25 mm long bits: 0.8 x 5.5, 1.0 x 5.5, 1.2 x 6.5, PH1, PH2, PH3, PZ1, PZ2, PZ3
- Clearly arranged storage
- Bits can be accessed quickly, thanks to convenient, one-handed opening mechanism
- Equipped with hardened bits for durability



Bit set, 10-piece

Description

Bit set, with SF-UBH universal bit holder, 25 mm long slotted/cross-recessed (PZ and PH) bits, 10-part

Ordering data

| Type | Order No. | Pcs./Pkt. |
|------------|-----------|-----------|
| SF-BIT SET | 1212545 | 1 |

TOOL fox, screwdriver set



- Bit screwdriver set, packed in a practical belt pouch
- Equipped with the most common types of screw bit



Bit screwdriver set, 17-piece

Description

Bit screwdriver set with quick-action chuck, 89 mm long slotted/crosshead (PZ and PH)/ Hex / Torx® bits, 17-part, in folding belt pouch, contents: PH 1,2,3 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

Bit screwdriver set with quick-action chuck, 89 mm long slotted/crosshead/hex/Torx® bits, 17-piece, in folding belt pouch, contents: PH 1, 2, 3 x 89, SL 0.4 x 2.5, 0.6 x 3.5, 0.8 x 3.5, 1,0 x 5.5, 1.2 x 6.5 x 89, TX 10-30, SW 3, 4, 5 x 89

Ordering data

| Type | Order No. | Pcs./Pkt. |
|------------|-----------|-----------|
| SF-M SET | 1212543 | 1 |
| SF-M SET 2 | 1212756 | 1 |

SCREWFOX torque screwdriver



- Torque screwdriver with hexagonal fast connection holder
- High-precision, infinitely adjustable torque screwdriver, in accordance with EN ISO 6789
- Optimum readability of the adjusted torques on the scale on the shaft
- Unlimited release torque
- TSD-M ... torque screwdrivers are adjustable from 0.3 - 6.0 Nm



Torque screwdriver, 0.3 - 6.0 Nm, adjustable

ERIC

Ordering data

| Type | Order No. | Pcs./Pkt. |
|-------------|-----------|-----------|
| TSD-M 1,2NM | 1212224 | 1 |
| TSD-M 3NM | 1212225 | 1 |
| TSD-M 6NM | 1212226 | 1 |

Accessories

| | | |
|-----------------------|---------|---|
| BHN 5,5 | 1209965 | 1 |
| BHN 8 | 1209978 | 1 |
| BHN 10 | 1209981 | 1 |
| BHN 13 | 1209994 | 1 |
| BF 6,3 | 1209936 | 1 |
| TSD-M SAC-BIT ADAPTER | 1212600 | 1 |
| SF-UBH | 1212590 | 1 |

Description

Torque screwdriver

adjustable from 0.3 ... 1.2 Nm
adjustable from 1.2 ... 3 Nm
adjustable from 3 ... 6 Nm

Socket wrench insert, magnetic, hexagonal, 1/4" drive, suitable for holders in accordance with DIN 3126-F 6,3 / ISO 1173

Wrench size of 5.5 mm
Wrench size of 8 mm
Wrench size of 10 mm
Wrench size of 13 mm

Adapter for 1/4"

Adapter insert, for torque screwdrivers with adjustable torque, accommodates SAC nuts for 4 mm hexagonal screwdrivers

Universal bit holder, E6,3-1/4" drive, with automatic locking, one-hand operation, magnetic, for bits in accordance with DIN 3126 C 6,3 and E 6,3

Hand tools

SCREWFOX cordless screwdriver



- Cordless screwdriver with two-speed gearbox, forward/reverse running and 21-stage clutch with drilling stage of up to 600 rpm
- 0.3 ... 4.4 Nm adjustable
- 6.3 mm hexagonal quick connection drill chuck
- Integrated LEDs are used to illuminate the working area

- With optional snap-on protective cap to prevent unintentional torque adjustment
- High torque accuracy through electronic disconnecting coupling
- Ergonomic, non-slip handle design



Cordless screwdriver with torque adjustment, 21-stage

| Description |
|--|
| Cordless screwdriver , 3.6 V, incl. rechargeable battery, 1.5 Ah |
| Cordless screwdriver set , incl. two batteries and charger, 230 V, packaged in a robust aluminum case |
| Replacement charger , for SF-ASD 21 cordless screwdriver, 230 V |
| Replacement battery , for SF-ASD 21, Li-ion 3.6 V, 1.5 Ah |

| Ordering data | | |
|------------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| SF-ASD 21 | 1212532 | 1 |
| SF-ASD 21 SET 230V | 1212530 | 1 |
| Accessories | | |
| SF-ASD 21/CHARGER 230V | 1212535 | 1 |
| SF-ASD 21/ACCU 1,5 AH | 1212533 | 1 |

SF-ASD 16 cordless screwdriver



- Two-speed cordless screwdriver, right/left rotation, and 16-stage clutch with drilling speed of up to 450 rpm
- 0.2 ... 4.3 Nm adjustable
- 6.3 mm hexagonal quick connection drill chuck
- Comfortable one-handed operation in a straight or angled position

| Description |
|---|
| Cordless screwdriver , 3.6 V, incl. rechargeable battery, 1.5 Ah |
| Cordless screwdriver set in case , incl. battery, 100 V ... 240 V charger, 2 bits, two-speed, right/left rotation and 16-stage clutch up to 450 rpm, hexagonal fast connection |
| Replacement battery , 1.5 Ah, lithium-ion, 3.6 V, for SF-ASD 16 cordless screwdriver |
| Replacement charger , for SF-ASD 16 cordless screwdriver, 100 V ... 240 V |

new



Cordless screwdriver with adjustable torque, 16-stage

| Ordering data | | |
|-----------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| SF-ASD 16 | 1200294 | 1 |
| SF-ASD 16 SET | 1200295 | 1 |
| Accessories | | |
| SF-ASD 16/ACCU 1,5 AH | 1200297 | 1 |
| SF-ASD 16/CHARGER | 1200296 | 1 |

SCREWFOX bit hand holder

The bit hand holder SF-M BH is equipped with ergonomic 2-component handles. This enables fatigue-free working, while transmitting maximum power and thereby enabling a secure hold.

- The hexagon head of the handle prevents it rolling away
- Single-handed bit change, thanks to special locking mechanism
- With magnet

- The freewheeling housing of the bit holder enables the tool to go right to the tip during the screw procedure



Bit screwdriver

Description

Bit screwdriver, with 1/4" quick-action chuck, suitable for bits in accordance with DIN 3126-C 6.3 and E 6.3/ISO 1173, magnetic

Bit screwdriver

black

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| SF-M BH | 1212070 | 5 |

SCREWFOX universal bit holder

The SF-UBH universal bit holder enables secure, free-of-play insertion of 1/4" bits (C6,3/E6,3) as well as quick bit change.

- Single-handed bit change, thanks to special locking mechanism
- With magnet
- The freewheeling housing of the bit holder enables the tool to go right to the tip during the screw procedure



Universal bit holder

Description

Universal bit holder, E6,3-1/4" drive, with automatic locking, one-hand operation, magnetic, for bits in accordance with DIN 3126 C 6,3 and E 6,3

silver

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| SF-UBH | 1212590 | 1 |



Screw bit, plus/minus



Screw bit, Torx®



Screw bit, hex

ERC

ERC

ERC

| Ordering data | | | Ordering data | | | Ordering data | | |
|------------------|-----------|-----------|-----------------|-----------|-----------|-------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| SF-BIT-PZSL 1-70 | 1212603 | 5 | SF-BIT-TX 8-50 | 1212570 | 5 | SF-BIT-HEX 2,5-50 | 1212646 | 5 |
| SF-BIT-PZSL 2-70 | 1212604 | 5 | SF-BIT-TX 10-50 | 1212573 | 5 | SF-BIT-HEX 3-50 | 1212647 | 5 |
| SF-BIT-PHSL 1-70 | 1212479 | 5 | SF-BIT-TX 15-50 | 1212576 | 5 | SF-BIT-HEX 4-50 | 1212648 | 5 |
| SF-BIT-PHSL 2-70 | 1212601 | 5 | SF-BIT-TX 20-50 | 1212578 | 5 | SF-BIT-HEX 5-50 | 1212649 | 5 |
| | | | SF-BIT-TX 25-50 | 1212585 | 5 | SF-BIT-HEX 6-50 | 1212650 | 5 |
| | | | SF-BIT-TX 30-50 | 1212586 | 5 | SF-BIT-HEX 8-50 | 1212651 | 5 |
| | | | SF-BIT-TX 40-50 | 1200161 | 5 | | | |

SCREWFOX screwdriver tools



SHN ...

- Ergonomically designed two-component grip for fatigue-proof and non-slip use

SF-THEX ...

- Ergonomically designed handles ensure an optimum grip. They help avoid fatigue when working
- The hardened blades are designed for durability
- Optimum edge geometries increase the bearing surface and prevent the screws from being over-tightened
- The hexagonal and Torx® L-keys are aligned in a practical bracket, that enables secure storage and quick removal.
- The matt chrome and phosphate-coated surfaces provide high corrosion protection
- With ball head on long limbs, working on hard to access areas is possible
- Optimum edge geometries increase the contact surface and protect the screws. As a result, higher torques can be applied



Hexagon insert bit,
wrench size of 5.5 / 8 / 13 mm

| Description |
|--|
| Socket wrench , for hexagon screws/nuts, with hollow shaft |
| Wrench size of 5.5 mm |
| Wrench size of 8 mm |
| Wrench size of 13 mm |
| T-handle screwdriver , for Allen screws, ergonomically shaped handle, matt chrome-plated |
| Size: hex 2 x 100 mm |
| Size: hex 2.5 x 100 mm |
| Size: hex 3 x 100 mm |
| Size: hex 4 x 150 mm |
| Size: hex 5 x 150 mm |
| Size: hex 6 x 200 mm |
| Size: hex 8 x 200 mm |
| Size: hex 10 x 200 mm |
| Allen screw set , for Allen screws, 9-piece, 1.5 to 10.0 mm, matt chrome, with spherical head, including bracket |
| L-key set , Torx®, TX 8, 9, 10, 15, 20, 25; 27, 30, 40 mm, phosphate coated, with spherical head as of TX 15, including bracket |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| SHN 5.5 | 1209855 | 10 |
| SHN 8 | 1209868 | 10 |
| SHN 13 | 1209923 | 10 |
| | | |
| | | |





Allen screw,
wrench size 2 - 10 mm



Allen screw set,
wrench size 1.5 - 10 mm



Torx® -SET, TX 8 - 40

ERC

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ERC

| Ordering data | | |
|-----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| SF-THEX 2-100 | 1212637 | 5 |
| SF-THEX 2,5-100 | 1212638 | 5 |
| SF-THEX 3-100 | 1212639 | 5 |
| SF-THEX 4-150 | 1212640 | 5 |
| SF-THEX 5-150 | 1212641 | 5 |
| SF-THEX 6-200 | 1212642 | 5 |
| SF-THEX 8-200 | 1212643 | 5 |
| SF-THEX 10-200 | 1212644 | 5 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| SF-LHEX SET | 1212544 | 1 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| SF-LTX SET | 1200162 | 1 |

Hand tools

SCREWFOX torque screwdriver



- TSD ... SAC torque screwdrivers with a range of preset torques from 0.2 Nm to 2.5 Nm
- A wide variety of SAC ... nuts for all kinds of applications
- For the TSD-M ... torque screwdrivers the torque can be set individually
- The TSD-M ... adapters can accommodate the various nuts



Torque screwdriver

ERC

| Description |
|---|
| Torque screwdriver With a preset torque of 0.2 Nm and 4 mm hexagonal drive |
| With a preset torque of 0.4 Nm and 4 mm hexagonal drive |
| With a preset torque of 0.8 Nm and a 4 mm hexagonal drive |
| With a preset torque of 2.0 Nm and 4 mm hexagonal drive |
| With a preset torque of 2.5 Nm and 4 mm hexagonal drive |
| Torque screwdriver adjustable from 0.3 ... 1.2 Nm |
| adjustable from 1.2 ... 3 Nm |
| adjustable from 3 ... 6 Nm |
| Adapter insert , for torque screwdrivers with adjustable torque, accommodates SAC nuts for 4 mm hexagonal screwdrivers |

| Ordering data | | | |
|-----------------------|-----------|-----------|--|
| Type | Order No. | Pcs./Pkt. | |
| TSD 02 SAC | 1208487 | 1 | |
| TSD 04 SAC | 1208429 | 1 | |
| TSD 08 SAC | 1212597 | 1 | |
| TSD 20 SAC | 1212020 | 1 | |
| TSD 25 SAC | 1212315 | 1 | |
| TSD-M 1,2NM | 1212224 | 1 | |
| TSD-M 3NM | 1212225 | 1 | |
| TSD-M 6NM | 1212226 | 1 | |
| TSD-M SAC-BIT ADAPTER | 1212600 | 1 | |

| Nut |
|--|
| assembles sensor/actuator cables with M8 connectors and M8 connectors with insulation displacement connection, for TSD 02 SAC, for 0.2 Nm |
| assembles SACC M8 connectors for assembly with longitudinal knurl, excluding those with insulation displacement connection, for TSD 02 SAC, for 0.2 Nm |
| assembles sensor/actuator cables with M12 connectors and M12 connectors with insulation displacement connection, for TSD 04 SAC, for 0.4 Nm |
| assembles sensor/actuator cables with M12 connectors and M12 connectors with insulation displacement connection, diameter 16 mm, for 0.4 Nm |
| assembles SACC M12 connectors for assembly, excluding those with insulation displacement connection, for TSD 04 SAC, for 0.4 Nm and 0.8 Nm |
| assembles M12 connector with hexagonal stainless steel knurls, wrench size 14, for TSD 04 SAC, for 0.4 Nm |
| for assembly of 7/8" connectors, for TSD 08 SAC, for 0.8 Nm |
| for secure tightening of the pressure nuts with 13 mm wrench size, for TSD 20 SAC, for 0.8 Nm, and 2.0 Nm |
| for secure tightening of the pressure nuts with 24 mm wrench size, for TSD 25 SAC, for 2.5 Nm |

| Accessories | | | |
|---------------------|-----------|-----------|--|
| | Order No. | Pcs./Pkt. | |
| SAC BIT M8-D10 | 1208461 | 1 | |
| SACC BIT M8-D12 | 1208474 | 1 | |
| SAC BIT M12-D15 | 1208432 | 1 | |
| SAC BIT M12-D16 | 1200305 | 1 | |
| SACC BIT M12-D20 | 1208445 | 1 | |
| SAC BIT M12-W14 | 1212513 | 1 | |
| SAC BIT MIN-D25 | 1212512 | 1 | |
| SAC BIT QUICKON-W13 | 1212033 | 1 | |
| SAC BIT HOOD-W 24 | 1212486 | 1 | |

SCREWFOX universal control cabinet key



1



2



3

– Universal control cabinet key with the following closures:

1 = 5, 6, 7-8 mm, square

2 = 7-8 mm, triangle

3 = 3-5 mm, two-way key bit



Four-way closure

Description
Control cabinet key, metal, for all common types of control cabinet

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| USS 4 | 1203149 | 1 |

SCREWFOX universal control cabinet key



1



2



3



4

– Universal control cabinet key, with strong chain and snap hook, for the following closures:

1 = 5, 6, 7-8, 9-10 mm square

2 = 7, 8 - 9, 10 - 11 mm triangle

3 = 3-5 mm two-way key bit

4 = 6 mm semicircle



Control cabinet key, 9 closures

Description
Control cabinet key, metal, for all common types of control cabinet

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| SF-CCK 9 | 1212525 | 1 |

Tools – TOOL fox

Hand tools

Tool boxes with sockets

- Solid 1/4" screw set with comprehensive equipment
- Made from chrome vanadium steel for a long service life
- With right/left switching
- Ratcheting mechanism with 48 teeth enabling precise working, even in tight work environments
- With ball locking device, for secure hold of sockets and attachments
- Optimum power transmission, without damaging the screw head, thanks to special edge geometries
- Robust case for safe storage



Socket tray, 47-part

Description

Socket tray 1/4", 47-part, 1/4" reversible ratchet, 48 teeth with fast locking system, 1/4" extensions 50 mm and 100 mm, 1/4" screwdriver grip, 1/4" flexible extension 150 mm, 1/4" cardan joint, 1/4" T-handle 2 x 1/4" bit adapter, 13 knurled 1/4" sockets SW 4 / 4,5 / 5 / 5,5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 / 14 mm, 21 knurled socket bits: 6 x Torx® T10, T15, T20, T25, T30, T40, 6 x Hex 3, 4, 5, 6, 7, 8 mm, 3 x Phillips recess® PH1, PH2, PH3, 3 x Pozidriv® PZ1, PZ2, PZ3, 3 x slot 4, 5,5, 7 mm, angle pin spanner, Hex 1,27, 1,5, 2, 2,5 mm, breakage and impact resistant plastic case with metal closing flap

Ordering data

| Type | Order No. | Pcs./Pkt. |
|------------------|-----------|-----------|
| SF-SOCKET SET 47 | 1200292 | 1 |

Measuring tape

- Robust and versatile use
- Easy internal and external measurements, thanks to the movable, magnetic hooks
- With automatic tape feed and locking mechanism
- Abrasion resistant, easily-read scale
- With belt clip
- Available in metric and inch/metric version



Measuring tape: 5 m

Description

Measuring tape, 5 m
Metric
Inch/metric

Ordering data

| Type | Order No. | Pcs./Pkt. |
|-----------------------|-----------|-----------|
| MEASURING TAPE 5M | 1200298 | 1 |
| MEASURING TAPE 5M I/M | 1200304 | 1 |

TESTFOX voltage and continuity tester



- DC and AC voltage tests in the range from 12 V to 1000 V AC/1000 V DC
- Acoustic and optical continuity test
- Vibration alarm for safe voltage detection
- Shock-proof housing that is protected against dust and splash water, IP65



Voltage tester



General data

| | | |
|---------------|--------|-------------|
| Voltage range | [V DC] | 12 ... 1000 |
| Voltage range | [V AC] | 12 ... 1000 |

Technical data

Ordering data

Description

Voltage tester

Type

DUSPOL EXPERT

Order No.

1209091

Pcs./Pkt.

1

TESTFOX, digital current probe multimeter

- The current probes can be used for voltages of up to 600 V, category III
- They combine the functions of a digital multimeter with those of a current probe
- Contained within a compact and practical housing, so ideal for use in cramped conditions
- All measuring ranges are protected against overload



For DC and AC current

General data

| | |
|----------------------------|------------------------------------|
| Display scope | 4000 digits |
| Accuracy of display | 0,5% |
| AC voltage measuring range | 0.1 mV ... 600 V |
| DC voltage measuring range | 0.1 mV ... 600 V |
| AC current measuring range | 10 mA ... 300 A |
| DC current measuring range | 10 mA ... 300 A |
| Resistance measuring range | 0.1 Ω ... 40 MΩ |
| Continuity test range | Acoustic (50 Ω) |
| Degree of protection | IP30 |
| Measuring category | CAT III 300 V / CAT II 600 V |
| Power supply | 2 x micro battery 1.5 V, LR03, AAA |
| Test certificate | IEC/EN 61010-1, DIN VDE 0411 |

Technical data

Ordering data

Description

Current probe/multimeter

Type

TESTFOX CC-1

Order No.

1212211

Pcs./Pkt.

1

TESTFOX digital multimeter



Digital multimeter, with extended scope of functions

- You are bound to be impressed by the technology of the digital multimeters and their quality
- The devices are extremely versatile
- Tested and approved in accordance with applicable IEC/EN 61010 standards independently of certification body
- Suitable for measuring AC voltages and resistance as well as testing continuity and diodes
- TESTFOX M-1 also allows you to measure DC and AC currents, capacitance, and frequencies. Furthermore, it measures temperatures in the -20°C to +800°C range

High-level of safety

- Phase voltages can be detected precisely, thanks to the audible and red light signals
- The devices are used for voltages of up to 600 V category III or 1000 V category II
- They provide professional service technicians and operating engineers with a higher level of protection, thereby ensuring maximum safety during work

Safe cable breakage detection

- Cable breaks and defective lamps in exposed cable ends are followed from the supply side of the phase right through to the point of interruption

General data

Display scope
 Accuracy of display
 Volt sensor
 AC voltage measuring range
 DC voltage measuring range
 AC current measuring range
 DC current measuring range
 Resistance measuring range
 Continuity test range
 Frequency measuring range
 Capacity measuring range
 Temperature measuring range
 Diode test
 Degree of protection
 Measuring category
 Power supply
 Test certificate

ERIC

Technical data

2000 digits
 0.5%
 Yes
 0.1 mV ... 750 V
 0.1 mV ... 1000 V
 1 mA ... 10 A
 1 mA ... 10 A
 0.1 Ω ... 20 MΩ
 Yes (25 Ω)
 1 Hz ... 20 MHz
 1.00 pF ... 2.00 mF
 -20°C ... 800°C
 Yes (1.5 mA)
 IP30
 CAT III 600 V / CAT II 1000 V
 2 x micro battery 1.5 V, LR03, AAA
 IEC/EN 61010-1, DIN VDE 0411

Description

Digital multimeter

Ordering data

| Type | Order No. | Pcs./Pkt. |
|-------------|-----------|-----------|
| TESTFOX M-1 | 1212209 | 1 |

**TOOL fox, tool sets
for convenient use on site**

- Universal tool sets, with cutting, stripping, crimping, and testing tools from the TOOL fox tool range
- Robust and heavy-duty tool bags for long-term use
- With permanently closeable business card pocket
- With various compartments and options for storing tools and materials
- For more sets, visit phoenixcontact.net/products



Tool set in a carry case wrap



Tool set in a carry case wrap

ERIC

ERIC

| Description | Ordering data | | | Ordering data | | |
|--|-----------------|-----------|-----------|---------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Tool carry case wrap , equipped with one of each of the following tools: CUTFOX-S VDE CUTFOX 16 VDE UNIFOX-C VDE UNIFOX-P VDE SZS 0,4X2,5 SZS 0,5X3,0 SZS 1,0X4,0 SZS 1,0X6,5 SZK PH0 SZK PH1 SZK PH2 DUSPOL EXPERT TOOL-WRAP EMPTY | TOOL-WRAP | 1212505 | 1 | | | |
| Tool carry-on bag , unequipped | TOOL-WRAP EMPTY | 1212501 | 1 | | | |
| Tool carry case wrap , equipped with one of each of the following tools: CUTFOX 18 WIREFOX 10 WIREFOX 16-1 WIREFOX-D 40 CRIMPFOX CENTRUS 6H SF-SL 0,6X3,5-100 S-VDE SF-SL 0,8X4,0-100 S-VDE SF-SL 1,0X5,5-125 S-VDE SF-PH 1-80 S-VDE SF-PH 2-100 S-VDE SF-PZSL 2-100 S-VDE TOOL-WRAP EMPTY | | | | TOOL-WRAP-2 | 1200100 | 1 |

Tools – TOOL fox

Hand tools

TOOL fox, tool sets for convenient use on site

- Universal tool sets, with cutting, stripping, crimping, and testing tools from the TOOL fox tool range
- Robust and heavy-duty tool bags for long-term use
- With permanently closeable business card pocket
- With various compartments and options for storing tools and materials
- For more sets, visit phoenixcontact.net/products

new



Tool set in a case

ERC

Ordering data

| Description | Type | Order No. | Pcs./Pkt. |
|---|-------------------------|-----------|-----------|
| Tool kit , equipped with each of the following tools: WIREFOX 10 CRIMPFOX DUO 10 AI SORTI BOX RD AI-TWIN SORTI BOX BU TOOL-KIT STANDARD EMPTY | CRIMPFOX DUO 10 SET | 1044971 | 1 |
| Tool case , equipped with one of each of the following tools: CUTFOX 18 WIREFOX 10 CRIMPFOX CENTRUS 6S AI SORTI BOX RD TOOL-KIT STANDARD EMPTY Tool kit , equipped with each of the following tools: CUTFOX 18 WIREFOX 10 CRIMPFOX CENTRUS 10S AI SORTI BOX RD TOOL-KIT STANDARD EMPTY | | | |
| Tool case , equipped with one of each of the following tools: CRIMPFOX 6S-F WIREFOX 10 WIREFOX-D 40 CUTFOX 18 SZF 1-0,6X3,5 TOOL-KIT STANDARD EMPTY Tool case , equipped with one of each of the following tools: CRIMPFOX-M CRIMPFOX-M SR 6-1/DIE CRIMPFOX-M SR 6-2/DIE CRIMPFOX-M SR 6-3/DIE WIREFOX-D SR 6 WIREFOX-D SR 6-1 CUTFOX 16 VDE SZK PH1 VDE SZK PH2 VDE SF-SL 0,6X3,5-100 S-VDE SF-SL 0,8X4,0-100 S-VDE TOOL-KIT STANDARD EMPTY | | | |
| Tool kit , empty, with elastic straps to hold tools of different sizes in place | TOOL-KIT STANDARD EMPTY | 1212423 | 1 |



Tool set in a case



Tool set in a case



Tool set in a case

ERC

ERC

ERC

| Ordering data | | | Ordering data | | | Ordering data | | |
|--------------------------|-----------|-----------|-------------------|-----------|-----------|----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| CRIMPFOX CENTRUS 6S SET | 1213999 | 1 | | | | | | |
| CRIMPFOX CENTRUS 10S SET | 1026994 | 1 | TOOL-KIT STANDARD | 1212422 | 1 | TOOL-KIT SOLAR | 1212071 | 1 |
| | | | | | | | | |

Tools – TOOL fox

Hand tools

TOOL fox, tool sets for convenient use on site

- Universal tool sets, with cutting, stripping, crimping, and testing tools from the TOOL fox tool range
- Robust and heavy-duty tool bags for long-term use
- With permanently closeable business card pocket
- With various compartments and options for storing tools and materials
- For more sets, visit phoenixcontact.net/products



Tool set in a belt pouch

ERC

| | | Ordering data | | |
|---|----------------------|---------------|-----------|--|
| Description | Type | Order No. | Pcs./Pkt. | |
| <p>Tool belt pouch, equipped with one of each of the following tools:</p> <p>CUTFOX-S VDE CUTFOX 18 WIREFOX-D 13 UNIFOX-CE VDE USS 4 SZS 0,5X3,0 SZS 1,0X4,0 SZS 1,0X5,5 SZK PH1 SZK PH2 Cutting knife Tape measure 5 m DUSPOL EXPERT TOOL-BELTPOUCH EMPTY</p> | TOOL-BELTPOUCH | 1212506 | 1 | |
| <p>Tool belt pouch, empty</p> | TOOL-BELTPOUCH EMPTY | 1212502 | 1 | |
| <p>Tool bag, equipped with one of each of the following tools:</p> <p>CUTFOX S VDE CUTFOX 18 WIREFOX 10 VDE WIREFOX-D 13 WIREFOX-D 28 CRIMPFOX-M CRIMPFOX-M 10/DIE UNIFOX-CE VDE UNIFOX-P VDE UNIFOX WP SZS 0,4X2,5 SZS 0,5X3,0 SZS 1,0X4,0 SZS 1,0X6,5 SZK PH0 SZK PH1 SZK PH2 DUSPOL EXPERT USS 4 Cutting knife Tape measure 5 m TOOL CARRIER EMPTY</p> | | | | |
| <p>Tool bag, empty</p> | | | | |
| <p>Tool bag, with laptop and document compartments, equipped with one of each of the following tools:</p> <p>CUTFOX 25 VDE CUTFOX-S VDE WIREFOX 10 WIREFOX-D 40 CRIMPFOX-M SET UNIFOX-C VDE UNIFOX-P VDE UNIFOX WP SZS 0,4X2,5 SZS 0,5X3,0 SZS 1,0X4,0 SZS 1,0X6,5 SZK PH0 SZK PH1 SZK PH2 DUSPOL EXPERT USS 4 AI SORTI BOX RD Cutting knife 5 m tape measure TOOL-BAG EMPTY</p> | | | | |
| <p>Tool bag, with document and laptop compartments, empty</p> | | | | |
| <p>Tool set, consisting of: CRIMPHANDY 0.5 mm² (packed in a robust bag), CRIMPHANDY CUTTER, and taped ferrules, 0.5 mm², 100 strips with 50 ferrules per strip</p> | | | | |
| <p>Tool set, consisting of: CRIMPHANDY 0.75 mm² (packed in a robust bag), CRIMPHANDY CUTTER, and taped ferrules, 0.75 mm², 100 strips with 50 ferrules per strip</p> | | | | |
| <p>Tool set, consisting of: CRIMPHANDY 1.0 mm² (packed in a robust bag), CRIMPHANDY CUTTER, and taped ferrules, 1.0 mm², 100 strips with 50 ferrules per strip</p> | | | | |
| <p>Tool set, consisting of: CRIMPHANDY 1.5 mm² (packed in a robust bag), CRIMPHANDY CUTTER, and taped ferrules, 1.5 mm², 100 strips with 50 ferrules per strip</p> | | | | |



Tool set in a shoulder bag



Tool set in a bag with laptop and document compartments



ERC

ERC

ERC

| Ordering data | | | Ordering data | | | Ordering data | | |
|--------------------|-----------|-----------|----------------|-----------|-----------|------------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| TOOL-CARRIER | 1212503 | 1 | | | | | | |
| TOOL-CARRIER EMPTY | 1212499 | 1 | | | | | | |
| | | | TOOL-BAG | 1212504 | 1 | | | |
| | | | TOOL-BAG EMPTY | 1212500 | 1 | | | |
| | | | | | | CF CRIMPHANDY 0,5 SET | 1003673 | 1 |
| | | | | | | CF CRIMPHANDY 0,75 SET | 1003672 | 1 |
| | | | | | | CF CRIMPHANDY 1,0 SET | 1003671 | 1 |
| | | | | | | CF CRIMPHANDY 1,5 SET | 1003670 | 1 |

Hand tools

TOOL fox, tool sets

– We have put together a number of attractive tool sets for you by selecting products from our comprehensive range of professional tools



RJ45 tool set

ERC

Ordering data

| Description | Type | Order No. | Pcs./Pkt. |
|--|---------------|-----------|-----------|
| <p>Stripping, crimping and cutting set, consisting of: cable cutter for copper and aluminum up to 12 mm Ø, stripping tool for stripping multi-core signal, control, and fiberglass cables with 2.5 - 11 mm Ø, insulation thickness of up to 1 mm Basic pliers for accommodating dies for different type of contacts Die, for CRIMPFOX-M, for unshielded RJ45 connectors</p> | | | |
| <p>Cutting, stripping, and crimping set, comprising: cable cutter for copper and aluminum up to Ø 12 mm, stripping tool for cables and conductors with a cross section of 0.02 - 10 mm², self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm² rigid/1.5 mm² flexible Crimping pliers for ferrules measuring 0.14 - 10 mm²</p> | TOOL DATA SET | 1208856 | 1 |
| <p>Stripping, crimping, and screwing set, comprising: screwdriver for slotted-head screws Stripping tool for 0.02 - 10 mm² cables and conductors, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm² rigid/1.5 mm² flexible Crimping pliers for ferrules in accordance with DIN DIN 46228, Parts 1+4, 0.5 - 6 mm², front insertion, square crimping Ferrules, CSA-certified, 50 pcs. each of: Al 0,5-8 WH, Al 2,5-8 BU Ferrules, CSA-certified, 100 pcs. each of: Al 0,75-8 GY, Al 1-8 RD, Al 1,5-8 BK</p> | | | |
| <p>Assortment box, made of metal, equipped with ferrules in accordance with DIN 46228-4: 1990-09, CSA-certified 500 pieces 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 pieces of Al 2,5-8 BU, 200 pieces of Al 4-10 GY, 100 pieces of Al 6-12 YE as well as stripping tool for wires and conductors of up to 6 mm² Crimping pliers for ferrules in accordance with DIN 46228, Part 1+4, 0.5 - 6 mm², front insertion, trapezoidal crimp</p> | | | |
| <p>Assortment box, made of metal, equipped with ferrules in accordance with DIN 46228-4: 1990-09, CSA-certified 300 pieces of Al 10-12 RD, 200 pieces of Al 16-12 BU, 100 pieces of Al 25-16 YE as well as stripping tool, for stripping wires of 4.5 - 40 mm Crimping pliers for ferrules in accordance with DIN 46228, Part 1+4, 10 - 25 mm², lateral insertion, WM crimp</p> | | | |
| <p>Assortment box, metal, empty</p> | | | |



Ferrule tool set



Tool and ferrule set



Tool and ferrule set

ERC

ERC

ERC

| Ordering data | | |
|---------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| TOOL SET ALLROUND 2 | 1208843 | 1 |

| Ordering data | | |
|---------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| TOOL-SET ALLROUND 3 | 1208953 | 1 |

| Ordering data | | |
|--------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| CRIMPSET 6 | 1202072 | 1 |
| CRIMPSET 25 | 1202580 | 1 |
| CRIMPSET 6/25 LEER | 1204041 | 1 |

Hand tools

CRIMPFOX pliers, laser marked according to customer specifications



- Customize your crimping tool!
- You can now use robust laser engraving to mark CRIMPFOX pliers
- Individual laser marking prevents your tools from being mixed up

Notes:
 Matching accessories can be found in main catalog 3 or the product area on our website at phoenixcontact.net/products.
¹⁾ Tools with customer-specific laser marking can be ordered quickly and easily in the product area on our website at phoenixcontact.net/products.

- The advantages of our CRIMPFOX tools:
- Consistently high crimping quality
 - Unlockable pressure lock
 - Marked die stations for precise processing of the relevant cross sections
 - Easy work thanks to improved force transfer
 - Ergonomically designed, non-slip handles

Description

Crimping pliers, for ferrules, in accordance with DIN 46228-1-4 and UL 486F, five marked die stations, **laser marked according to customer specifications¹⁾**
 Lateral entry, 0.25 - 6.0 mm², unlockable pressure lock, trapezoidal crimp

Front insertion, 0.5 - 6 mm², square crimp

Crimping pliers, unlockable pressure lock, lateral entry, oval crimp, **laser marked according to customer specifications¹⁾**

For insulated cable lugs (light green, red), 0.14 - 1 mm², three marked die stations

For insulated cable lugs (red, blue), 0.5 - 2.5 mm², two marked die stations

Crimping pliers, for uninsulated cable lugs, three marked die stations, 0.34 - 2.5 mm², unlockable pressure lock, lateral entry, indent crimp, **laser marked according to customer specifications¹⁾**

Crimping pliers, for uninsulated slip-on sleeves 2.8/4.8/6.3 mm, three marked die stations, B-crimp, 0.1 - 1.5 mm², unlockable pressure lock, lateral entry, **laser marked according to customer specifications¹⁾**

Crimping pliers, for ferrules in accordance with DIN 46228-1/-4 and UL 486F, self-adjusting die, trapezoidal crimp, 0.5 - 6 mm², unlockable pressure lock, **laser marked according to customer specifications¹⁾**

Front insertion
 Lateral entry

Crimping pliers, three marked die stations, 0.5 - 6 mm², oval crimp, unlockable pressure lock, lateral entry, **laser marked according to customer specifications¹⁾**

For insulated cable lugs, symmetrical (red, blue, yellow)

For insulated cable lugs, asymmetrical (red, blue, yellow)

Crimping pliers, for ferrules in accordance with DIN 46228-1/-4 and UL 486F, unlockable pressure lock, lateral entry, **laser marked according to customer specifications¹⁾**

Three marked die stations, 10 - 25 mm²

Two marked die stations, 35 - 50 mm²

TOOLS FOR YOU



Laser marked according to customer specifications

TOOLS FOR YOU



Laser marked according to customer specifications

TOOLS FOR YOU



Laser marked according to customer specifications

ERC

ERC

ERC

| Ordering data | | | Ordering data | | | Ordering data | | |
|----------------------|-----------|-----------|-------------------|-----------|-----------|----------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| CRIMPFOX 6 CUS | 1212767 | 1 | | | | | | |
| CRIMPFOX 6S-F CUS | 1212769 | 1 | | | | | | |
| CRIMPFOX-RCI 1 CUS | 1212772 | 1 | | | | | | |
| CRIMPFOX-RCI 2,5 CUS | 1212773 | 1 | | | | | | |
| CRIMPFOX-RC 2,5 CUS | 1212777 | 1 | | | | | | |
| CRIMPFOX-SC 1,5 CUS | 1212779 | 1 | | | | | | |
| | | | CRIMPFOX 6T-F CUS | 1212771 | 1 | | | |
| | | | CRIMPFOX 6T CUS | 1212770 | 1 | | | |
| | | | | | | CRIMPFOX-RCI 6 CUS | 1212774 | 1 |
| | | | | | | CRIMPFOX-RCI 6-1 CUS | 1212775 | 1 |
| | | | | | | CRIMPFOX 25R CUS | 1212765 | 1 |
| | | | | | | CRIMPFOX 50R CUS | 1212766 | 1 |

Hand tools

CRIMPFOX and WIREFOX pliers, laser marked according to customer specifications



- The advantages of our WIREFOX tools:
- The special spring mechanism helps you to work precisely and safely
 - Ergonomically designed, non-slip handles
 - The WIREFOX pliers automatically adjust to different insulations and conductor diameters
 - Highly adjustable limit stop for the stripping length
 - Practical integrated wire cutter
 - Easily replaceable blade cassettes for different cross sections and insulation
 - Customize your crimping and stripping tool!
 - You can now use robust laser engraving to mark CRIMPFOX and WIREFOX pliers
 - Individual laser marking prevents your tools from being mixed up

Notes:

Matching accessories can be found in main catalog 3 or the product area on our website at phoenixcontact.net/products.

¹⁾ Tools with customer-specific laser marking can be ordered quickly and easily in the product area on our website at phoenixcontact.net/products.

TOOLS FOR YOU



Laser marked according to customer specifications

ERC

Ordering data

| Description | Type | Order No. | Pcs./Pkt. |
|--|--|--------------------|-----------|
| Crimping pliers , for uninsulated cable lugs, three marked die stations, indent crimp, unlockable pressure lock, lateral entry, laser marked according to customer specifications¹⁾ | | | |
| 4 - 10 mm ² 10 - 25 mm ² | CRIMPFOX-RC 10 CUS CRIMPFOX-RC 25 CUS | 1212776 1212778 | 1 1 |
| Crimping pliers , for uninsulated slip-on sleeves 2.8/4.8/6.3 mm, three marked die stations, 0.5 - 6 mm ² , B-crimp, unlockable pressure lock, lateral entry, laser marked according to customer specifications¹⁾ | | | |
| Crimping pliers , for ferrules in accordance with DIN 46228-1/-4 and UL 486F, unlockable pressure lock, lateral entry, laser marked according to customer specifications | | | |
| Square crimp, 0.14 - 6 mm ² Square crimp, 0.14 - 10 mm ² HEX crimp, 0.14 - 6 mm ² HEX crimp, 0.14 - 10 mm ² | CRIMPFOX-SC 6 CUS | 1212780 | 1 |
| Crimping pliers , for TWIN ferrules up to 2 x 4 mm ² , automatic cross section adjustment, rotating die, lateral and front entry | | | |
| Stripping tool , self-adjusting, easily replaceable blade cassettes, stripping length of up to 18 mm, cutting capacity: up to 1.5 mm ² rigid, up to 10 mm ² flexible, laser marked according to customer specifications¹⁾ | | | |
| For cables and conductors from 0.1 - 4 mm ² , specifically also intended for rubber and other kinds of special insulation | | | |
| For cables and conductors from 1.5 - 6 mm ² , specifically for short-circuit-proof cables and rubber insulation | | | |
| For standard cables and conductors from 0.02 - 10 mm ² | | | |
| For standard cables and conductors from 4 - 16 mm ² | | | |

TOOLS FOR YOU



Laser marked according to customer specifications

TOOLS FOR YOU



Laser marked according to customer specifications

new

TOOLS FOR YOU



Laser marked according to customer specifications

ERC

ERC

ERC

| Ordering data | | | Ordering data | | | Ordering data | | |
|--------------------------|-----------|-----------|---------------------|-----------|-----------|-----------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| CRIMPFOX CENTRUS 6S CUS | 1213164 | 1 | | | | | | |
| CRIMPFOX CENTRUS 10S CUS | 1213174 | 1 | | | | | | |
| CRIMPFOX CENTRUS 6H CUS | 1213166 | 1 | | | | | | |
| CRIMPFOX CENTRUS 10H CUS | 1213176 | 1 | | | | | | |
| | | | CRIMPFOX DUO 10 CUS | 1044970 | 1 | | | |
| | | | | | | WIREFOX 4 CUS | 1212762 | 1 |
| | | | | | | WIREFOX 6SC CUS | 1212763 | 1 |
| | | | | | | WIREFOX 10 CUS | 1212760 | 1 |
| | | | | | | WIREFOX 16 CUS | 1212761 | 1 |

Tools – TOOL fox

Hand tools

CUS tool sets, equipped with tools according to customer requirements



You can put together your own CUS tool set according to your individual requirements

- Six different bags are available, designed for typical applications
- Products are configured and ordered with web code:

i #0290

TOOLS FOR YOU



Tool case, lockable, with straps

Description

Tool case, lockable, with adjustable strap, equipped with: cable cutter, diagonal cutter, micro cutter, stripping and sheath stripping tools, crimping tool set, combination, needle-nose, and water pump pliers, VDE bladed and Phillips screwdrivers, control cabinet key, voltage tester, ferrule box, blades, tape measure, continuity tester, marking tool, ring, open-end, and adjustable wrench set, T-handle hexagonal wrench, safety glasses, hammer, 41-piece ratchet socket wrench set, 1/4"

Tool case, empty, lockable, with permanently closeable business card pocket, very comfortable to carry, thanks to padded strap, with document compartment

Tool case, equipped with tools according to customer requirements

Ordering data

| Type | Order No. | Pcs./Pkt. |
|-----------------|-----------|-----------|
| TOOL-CASE | 1212629 | 1 |
| TOOL-CASE EMPTY | 1212628 | 1 |
| TOOL-CASE CUS | 1200072 | 1 |

CUS tool sets, equipped with tools according to customer requirements

- Robust and heavy-duty tool bags for long-term use
- With permanently closeable business card pocket
- With various compartments and options for storing tools and materials
- Products are configured and ordered with web code:

i #0290

TOOLS FOR YOU



Tool bag, with document and laptop compartments

TOOLS FOR YOU



Tool bag, with strap

Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------|-----------|-----------|
| TOOL-BAG CUS | 1200081 | 1 |

Description

Tool bag, with adjustable strap, with document and laptop compartments, equipped with tools according to customer requirements

Tool bag, with strap, equipped with tools according to customer requirements

Ordering data

| Type | Order No. | Pcs./Pkt. |
|------------------|-----------|-----------|
| TOOL-CARRIER CUS | 1200082 | 1 |

CUS tool sets, equipped with tools according to customer requirements



- Individual tool sets, with cutting, stripping, crimping, installation, and testing tools from the TOOL fox tool range
- Robust and heavy-duty tool bags
- Products are configured and ordered with web code:

i #0290

TOOLS FOR YOU



Tool belt pouch

Description

Tool belt pouch, with two robust internal pockets, equipped with tools according to customer requirements

Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------------|-----------|-----------|
| TOOL-BELTPOUCH CUS | 1200084 | 1 |

CUS tool sets, equipped with tools according to customer requirements

- Products are configured and ordered with web code:

i #0290

TOOLS FOR YOU



Tool case

TOOLS FOR YOU



Tool wrap

Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------|-----------|-----------|
| TOOL-KIT CUS | 1200085 | 1 |

Description

Tool case, with elastic straps to hold the tools in place, equipped with tools according to customer requirements

Tool wrap, equipped with tools according to customer requirements

Ordering data

| Type | Order No. | Pcs./Pkt. |
|---------------|-----------|-----------|
| TOOL-WRAP CUS | 1200083 | 1 |

Tools – TOOL fox

Hand tools

Tool case with customized marking



- A business card sized label is available for customization. This can be marked according to customer requirements
- Products are configured and ordered with web code:

i #0290

TOOLS FOR YOU



Tool case, lockable, with strap

Description

Tool case, with permanently closable business card pocket, with US EMP (85.6 x 54) marking label marked according to customer requirements

Ordering data

| Type | Order No. | Pcs./Pkt. |
|---------------------|-----------|-----------|
| TOOL-CASE EMPTY CUS | 8191312 | 1 |

Tool bags with customized marking

- The tool bags impress with their hard-wearing materials and robust construction
- Products are configured and ordered with web code:

i #0290

TOOLS FOR YOU



Tool bag, with document and laptop compartments

TOOLS FOR YOU



Tool bag, with strap

Ordering data

| Description |
|---|
| Tool bag , with permanently closeable business card pocket, with US EMP (85.6 x 54) marking label, marked according to customer requirements |
| Tool bag , with permanently closeable business card pocket, with US EMP (85.6 x 54) marking label, marked according to customer requirements |

| Type | Order No. | Pcs./Pkt. |
|--------------------|-----------|-----------|
| TOOL-BAG EMPTY CUS | 8191308 | 1 |

Ordering data

| Type | Order No. | Pcs./Pkt. |
|------------------------|-----------|-----------|
| TOOL-CARRIER EMPTY CUS | 8191310 | 1 |

Tool belt pouch with customized marking



- The business card pocket can be permanently closed using the plastic rivets supplied as standard
- Products are configured and ordered with web code:

i #0290

TOOLS FOR YOU



Tool belt pouch

Description

Tool belt pouch, with permanently closable business card pocket, with US EMP (85.6 x 54) marking label marked according to customer requirements

Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------------------|-----------|-----------|
| TOOL-BELTPOUCH EMPTY CUS | 8191311 | 1 |

Tool kit, tool wrap with customized marking

- No risk of mixing up tool bags, thanks to the clearly printed labels
- Products are configured and ordered with web code:

i #0290

TOOLS FOR YOU



Tool kit

TOOLS FOR YOU



Tool wrap

Ordering data

| Description |
|---|
| Tool kit , with permanently closeable business card pocket, with US EMP (85.6 x 54) marking label, marked according to customer requirements |
| Tool wrap , with permanently closable business card pocket, with marking label US EMP (85.6 x 54) marked according to customer requirements |

| Type | Order No. | Pcs./Pkt. |
|-----------------------------|-----------|-----------|
| TOOL-KIT STANDARD EMPTY CUS | 8191307 | 1 |

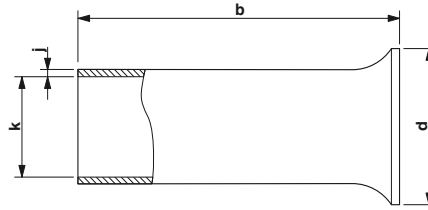
Ordering data

| Type | Order No. | Pcs./Pkt. |
|---------------------|-----------|-----------|
| TOOL-WRAP EMPTY CUS | 8191309 | 1 |

Hand tools

Ferrules without insulating collar, in accordance with DIN 46228-1

- The ferrules without plastic sleeve are made from soft tin-plated electrolytic copper
- The ferrules correspond to the requirements of DIN 46228-1 and UL 486F in terms of dimension
- The A 0,25... can also be used to process 0.14 mm² conductors
- UL and CSA-certified



Conductor cross sections from 0.14 to 120 mm²

Notes:
 1) These color and/or length variants of ferrules are currently not included in DIN 46228-4 and UL 486F, and are therefore not UL-certified. As of 11/2018. Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.



General data

Material / coating

Technical data

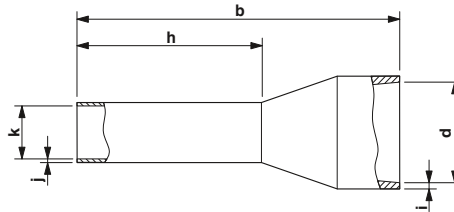
CU-DHP / tin-plated (galvanic)

Ordering data

| Description | Cross section | | Color | Dimensions [mm] | | | | | | | Type | Order No. | Pcs./Pkt. |
|---|--------------------|-----|--------|-----------------|-------|-------|---|---|------|-------|-----------|-----------|-----------|
| | [mm ²] | AWG | | a | b | d | h | i | j | k | | | |
| Ferrules, without plastic sleeves, UL and CSA-certified²⁾ | | | | | | | | | | | | | |
| | 0,25 ¹⁾ | 24 | silver | - | 5.00 | 1.70 | - | - | 0.15 | 0.80 | A 0,25- 5 | 3202465 | 1000 |
| | 0,25 ¹⁾ | 24 | silver | - | 7.00 | 1.70 | - | - | 0.15 | 0.80 | A 0,25- 7 | 3202478 | 1000 |
| | 0,34 ¹⁾ | 22 | silver | - | 7.00 | 1.80 | - | - | 0.15 | 0.90 | A 0,34- 7 | 3009202 | 1000 |
| | 0,5 ¹⁾ | 20 | silver | - | 6.00 | 2.10 | - | - | 0.15 | 1.00 | A 0,5- 6 | 3200218 | 1000 |
| | 0,5 ¹⁾ | 20 | silver | - | 8.00 | 2.10 | - | - | 0.15 | 1.00 | A 0,5- 8 | 3202481 | 1000 |
| | 0,5 | 20 | silver | - | 10.00 | 2.10 | - | - | 0.15 | 1.00 | A 0,5-10 | 3202494 | 1000 |
| | 0,75 | 18 | silver | - | 6.00 | 2.30 | - | - | 0.15 | 1.20 | A 0,75- 6 | 3200221 | 1000 |
| | 0,75 ¹⁾ | 18 | silver | - | 8.00 | 2.30 | - | - | 0.15 | 1.20 | A 0,75- 8 | 3202504 | 1000 |
| | 0,75 | 18 | silver | - | 10.00 | 2.30 | - | - | 0.15 | 1.20 | A 0,75-10 | 3200234 | 1000 |
| | 1 | 18 | silver | - | 6.00 | 2.50 | - | - | 0.15 | 1.40 | A 1 - 6 | 3200247 | 1000 |
| | 1 ¹⁾ | 18 | silver | - | 8.00 | 2.50 | - | - | 0.15 | 1.40 | A 1 - 8 | 3202517 | 1000 |
| | 1 | 18 | silver | - | 10.00 | 2.50 | - | - | 0.15 | 1.40 | A 1 -10 | 3200250 | 1000 |
| | 1,5 | 16 | silver | - | 7.00 | 2.80 | - | - | 0.15 | 1.70 | A 1,5- 7 | 3200263 | 1000 |
| | 1,5 | 16 | silver | - | 10.00 | 2.80 | - | - | 0.15 | 1.70 | A 1,5-10 | 3200276 | 1000 |
| | 1,5 | 16 | silver | - | 12.00 | 2.80 | - | - | 0.15 | 1.70 | A 1,5-12 | 3202588 | 1000 |
| | 1,5 ¹⁾ | 16 | silver | - | 15.00 | 2.80 | - | - | 0.15 | 1.70 | A 1,5-15 | 3202591 | 1000 |
| | 1,5 | 16 | silver | - | 18.00 | 2.80 | - | - | 0.15 | 1.70 | A 1,5-18 | 3202601 | 1000 |
| | 2,5 | 14 | silver | - | 7.00 | 3.40 | - | - | 0.15 | 2.20 | A 2,5- 7 | 3200289 | 1000 |
| | 2,5 | 14 | silver | - | 12.00 | 3.40 | - | - | 0.15 | 2.20 | A 2,5-12 | 3200292 | 1000 |
| | 2,5 | 14 | silver | - | 18.00 | 3.40 | - | - | 0.15 | 2.20 | A 2,5-18 | 3202821 | 1000 |
| | 4 | 12 | silver | - | 9.00 | 4.00 | - | - | 0.20 | 2.80 | A 4 - 9 | 3200302 | 1000 |
| | 4 | 12 | silver | - | 12.00 | 4.00 | - | - | 0.20 | 2.80 | A 4 -12 | 3200315 | 1000 |
| | 4 | 12 | silver | - | 18.00 | 4.00 | - | - | 0.20 | 2.80 | A 4 -18 | 3202834 | 1000 |
| | 6 | 10 | silver | - | 10.00 | 4.70 | - | - | 0.20 | 3.50 | A 6 -10 | 3202520 | 500 |
| | 6 | 10 | silver | - | 12.00 | 4.70 | - | - | 0.20 | 3.50 | A 6 -12 | 3200328 | 500 |
| | 10 | 8 | silver | - | 12.00 | 5.80 | - | - | 0.20 | 4.50 | A 10 -12 | 3200331 | 500 |
| | 10 | 8 | silver | - | 18.00 | 5.80 | - | - | 0.20 | 4.50 | A 10 -18 | 3200344 | 500 |
| | - | - | silver | - | 25.00 | 5.80 | - | - | 0.20 | 4.50 | A 10-25 | 1090628 | 500 |
| | - | - | silver | - | 32.00 | 5.80 | - | - | 0.20 | 4.50 | A 10-32 | 1090629 | 500 |
| | 16 | 6 | silver | - | 12.00 | 7.50 | - | - | 0.20 | 5.80 | A 16 -12 | 3200425 | 100 |
| | 16 | 6 | silver | - | 25.00 | 7.50 | - | - | 0.20 | 5.80 | A 16-25 | 1090632 | 250 |
| | 16 | 6 | silver | - | 32.00 | 7.50 | - | - | 0.20 | 5.80 | A 16-32 | 1090633 | 250 |
| | 25 ¹⁾ | 4 | silver | - | 12.00 | 9.50 | - | - | 0.20 | 7.30 | A 25 -12 | 3200357 | 100 |
| | 25 | 4 | silver | - | 15.00 | 9.50 | - | - | 0.20 | 7.30 | A 25 -15 | 3200360 | 100 |
| | 25 | 4 | silver | - | 18.00 | 9.50 | - | - | 0.20 | 7.30 | A 25 -18 | 3200373 | 100 |
| | 25 ¹⁾ | 4 | silver | - | 20.00 | 9.50 | - | - | 0.20 | 7.30 | A 25 -20 | 3200386 | 100 |
| | 25 | 4 | silver | - | 25.00 | 9.50 | - | - | 0.20 | 7.30 | A 25-25 | 1090634 | 100 |
| | 25 | 4 | silver | - | 32.00 | 9.50 | - | - | 0.20 | 7.30 | A 25-32 | 1090636 | 100 |
| | 25 ¹⁾ | 4 | silver | - | 40.00 | 9.50 | - | - | 0.20 | 7.30 | A 25 -40 | 3241238 | 100 |
| | 35 | 2 | silver | - | 18.00 | 11.00 | - | - | 0.20 | 8.30 | A 35 -18 | 3200399 | 100 |
| | 35 ¹⁾ | 2 | silver | - | 20.00 | 11.00 | - | - | 0.20 | 8.30 | A 35 -20 | 3200409 | 100 |
| | 35 ¹⁾ | 2 | silver | - | 40.00 | 11.00 | - | - | 0.20 | 8.20 | A 35 -40 | 3241239 | 100 |
| | 35 ¹⁾ | 2 | silver | - | 32.00 | 11.00 | - | - | 0.20 | 8.20 | A 35-32 | 1090638 | 100 |
| | 50 | 1/0 | silver | - | 32.00 | 13.00 | - | - | 0.30 | 10.30 | A 50 -32 | 1090639 | 100 |
| | 50 ¹⁾ | 1/0 | silver | - | 40.00 | 13.00 | - | - | 0.30 | 10.30 | A 50 -40 | 3241240 | 100 |
| | 70 ¹⁾ | 2/0 | silver | - | 40.00 | 15.00 | - | - | 0.40 | 12.50 | A 70 -40 | 3241241 | 100 |
| | 95 ¹⁾ | 3/0 | silver | - | 40.00 | 17.00 | - | - | 0.40 | 14.50 | A 95 -40 | 3241242 | 100 |
| | 120 ¹⁾ | 4/0 | silver | - | 40.00 | 19.00 | - | - | 0.50 | 17.70 | A 120 -40 | 1090640 | 50 |

Ferrules with insulating collar, in accordance with DIN 46228-4: 1990-09 and UL 486F

- 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 AI 0,25... can also be used to process 0.14 mm² conductors
- The ferrules correspond to the requirements of DIN 46228-4 and UL 486F
- UL and CSA-certified



Notes:

1) These color and/or length variants of ferrules are currently not included in DIN 46228-4 and UL 486F, and are therefore not UL-certified. As of 11/2018. Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.



Conductor cross sections from 0.14 to 120 mm²



General data

Material / coating
Plastic sleeve material
Long/short-term temperature

Technical data

CU-DHP / tin-plated (galvanic)
Polypropylene / free from silicone and halogen
105°C (-40°C no load / 0°C dynamic load) / 120°C

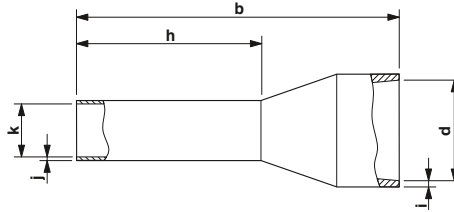
Ordering data

| Description | Cross section | | Color | Dimensions [mm] | | | | | | | Type | Order No. | Pcs./Pkt. |
|---|--------------------|-----|--------|-----------------|-------|-------|-------|------|------|-------|---------------------|-----------|-----------|
| | [mm ²] | AWG | | a | b | d | h | i | j | k | | | |
| Ferrules, with plastic sleeve, color code in accordance with DIN 46228-4 and UL 486F, UL and CSA-certified | | | | | | | | | | | | | |
| | 0.25 ¹⁾ | 24 | yellow | - | 10.50 | 2.00 | 6.00 | 0.25 | 0.15 | 0.80 | AI 0,25- 6 YE | 3203024 | 100 |
| | 0.25 ¹⁾ | 24 | yellow | - | 12.50 | 2.00 | 8.00 | 0.25 | 0.15 | 0.80 | AI 0,25- 8 YE | 3203037 | 100 |
| | 0.25 ¹⁾ | 24 | yellow | - | 14.50 | 2.00 | 10.00 | 0.25 | 0.25 | 0.80 | AI 0,25-10 YE | 3241128 | 100 |
| | 0.5 | 20 | white | - | 12.00 | 2.50 | 6.00 | 0.25 | 0.15 | 1.10 | AI 0,5 - 6 WH | 3200687 | 100 |
| | 0.5 | 20 | white | - | 14.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.10 | AI 0,5 - 8 WH | 3200014 | 100 |
| | 0.5 | 20 | white | - | 14.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.10 | AI 0,5 - 8 WH -1000 | 3200881 | 1000 |
| | 0.5 | 20 | white | - | 16.00 | 2.50 | 10.00 | 0.25 | 0.15 | 1.10 | AI 0,5 -10 WH | 3201275 | 100 |
| | 0.5 ¹⁾ | 20 | white | - | 18.00 | 2.50 | 12.00 | 0.25 | 0.15 | 1.10 | AI 0,5 -12 WH | 3200506 | 100 |
| | 0.75 | 18 | gray | - | 12.00 | 2.80 | 6.00 | 0.25 | 0.15 | 1.30 | AI 0,75- 6 GY | 3200690 | 100 |
| | 0.75 | 18 | gray | - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | AI 0,75- 8 GY | 3200519 | 100 |
| | 0.75 | 18 | gray | - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | AI 0,75- 8 GY -1000 | 3200894 | 1000 |
| | 0.75 | 18 | gray | - | 16.00 | 2.80 | 10.00 | 0.25 | 0.15 | 1.30 | AI 0,75-10 GY | 3201288 | 100 |
| | 0.75 | 18 | gray | - | 16.00 | 2.80 | 10.00 | 0.25 | 0.15 | 1.30 | AI 0,75-10 GY-1000 | 3203118 | 1000 |
| | 0.75 | 18 | gray | - | 18.00 | 2.80 | 12.00 | 0.25 | 0.15 | 1.30 | AI 0,75-12 GY | 3200849 | 100 |
| | 1 | 18 | red | - | 12.00 | 3.00 | 6.00 | 0.30 | 0.15 | 1.50 | AI 1 - 6 RD | 3200742 | 100 |
| | 1 | 18 | red | - | 14.00 | 3.00 | 8.00 | 0.30 | 0.15 | 1.50 | AI 1 - 8 RD | 3200030 | 100 |
| | 1 | 18 | red | - | 14.00 | 3.00 | 8.00 | 0.30 | 0.15 | 1.50 | AI 1 - 8 RD -1000 | 3200904 | 1000 |
| | 1 | 18 | red | - | 16.00 | 3.00 | 10.00 | 0.30 | 0.15 | 1.50 | AI 1 -10 RD | 3200182 | 100 |
| | 1 | 18 | red | - | 18.00 | 3.00 | 12.00 | 0.30 | 0.15 | 1.50 | AI 1 -12 RD | 3200674 | 100 |
| | 1.5 ¹⁾ | 16 | black | - | 12.00 | 3.40 | 6.00 | 0.30 | 0.15 | 1.80 | AI 1,5 - 6 BK | 3200755 | 100 |
| | 1.5 | 16 | black | - | 14.00 | 3.40 | 8.00 | 0.30 | 0.15 | 1.80 | AI 1,5 - 8 BK | 3200043 | 100 |
| | 1.5 | 16 | black | - | 14.00 | 3.40 | 8.00 | 0.30 | 0.15 | 1.80 | AI 1,5 - 8 BK -1000 | 3200917 | 1000 |
| | 1.5 | 16 | black | - | 16.00 | 3.40 | 10.00 | 0.30 | 0.15 | 1.80 | AI 1,5 -10 BK | 3200195 | 100 |
| | 1.5 | 16 | black | - | 18.00 | 3.40 | 10.00 | 0.30 | 0.15 | 1.80 | AI 1,5 -10 BK-1000 | 3203134 | 1000 |
| | 1.5 | 16 | black | - | 18.00 | 3.40 | 12.00 | 0.30 | 0.15 | 1.80 | AI 1,5 -12 BK | 3201482 | 100 |
| | 1.5 | 16 | black | - | 24.00 | 3.40 | 18.00 | 0.30 | 0.15 | 1.80 | AI 1,5 -18 BK | 3200056 | 100 |
| | 2.5 | 14 | blue | - | 14.00 | 4.20 | 8.00 | 0.30 | 0.15 | 2.30 | AI 2,5 - 8 BU | 3200522 | 100 |
| | 2.5 | 14 | blue | - | 14.00 | 4.20 | 8.00 | 0.30 | 0.15 | 2.30 | AI 2,5 - 8 BU -1000 | 3200920 | 1000 |
| | 2.5 ¹⁾ | 14 | blue | - | 17.00 | 4.20 | 10.00 | 0.30 | 0.15 | 2.30 | AI 2,5 -10 BU | 3202533 | 100 |
| | 2.5 ¹⁾ | 14 | blue | - | 17.00 | 4.20 | 10.00 | 0.30 | 0.15 | 2.30 | AI 2,5 -10 BU-1000 | 3203147 | 1000 |
| | 2.5 | 14 | blue | - | 18.00 | 4.20 | 12.00 | 0.30 | 0.15 | 2.30 | AI 2,5 -12 BU | 3200962 | 100 |
| | 2.5 | 14 | blue | - | 24.00 | 4.20 | 18.00 | 0.30 | 0.15 | 2.30 | AI 2,5 -18 BU | 3200580 | 100 |
| | 4 | 12 | gray | - | 17.00 | 4.80 | 10.00 | 0.30 | 0.20 | 2.80 | AI 4 -10 GY | 3200535 | 100 |
| | 4 | 12 | gray | - | 20.00 | 4.80 | 12.00 | 0.30 | 0.20 | 2.80 | AI 4 -12 GY | 3200959 | 100 |
| | 4 ¹⁾ | 12 | gray | - | 23.00 | 4.80 | 15.00 | 0.30 | 0.20 | 2.80 | AI 4 -15 GY | 1200264 | 100 |
| | 4 | 12 | gray | - | 26.00 | 4.80 | 18.00 | 0.30 | 0.20 | 2.80 | AI 4 -18 GY | 3200593 | 100 |
| | 6 | 10 | yellow | - | 20.00 | 6.20 | 12.00 | 0.30 | 0.20 | 3.50 | AI 6 -12 YE | 3200548 | 100 |
| | 6 | 10 | yellow | - | 26.00 | 6.20 | 18.00 | 0.30 | 0.20 | 3.50 | AI 6 -18 YE | 3200603 | 100 |
| | 10 | 8 | red | - | 22.00 | 7.50 | 12.00 | 0.30 | 0.20 | 4.60 | AI 10 -12 RD | 3200551 | 100 |
| | 10 | 8 | red | - | 28.00 | 7.50 | 18.00 | 0.30 | 0.20 | 4.60 | AI 10 -18 RD | 3200616 | 100 |
| | 16 | 6 | blue | - | 24.00 | 8.80 | 12.00 | 0.40 | 0.20 | 5.80 | AI 16 -12 BU | 3200564 | 100 |
| | 16 | 6 | blue | - | 28.00 | 8.80 | 18.00 | 0.40 | 0.20 | 5.80 | AI 16 -18 BU | 3200629 | 100 |
| | 25 | 4 | yellow | - | 29.00 | 11.00 | 16.00 | 0.50 | 0.20 | 7.30 | AI 25 -16 YE | 3200577 | 50 |
| | 25 | 4 | yellow | - | 32.00 | 11.00 | 18.00 | 0.50 | 0.20 | 7.30 | AI 25 -18 YE | 3201505 | 50 |
| | 25 | 4 | yellow | - | 36.00 | 11.00 | 22.00 | 0.50 | 0.20 | 7.30 | AI 25 -22 YE | 3200700 | 50 |
| | 35 | 2 | red | - | 30.00 | 12.50 | 16.00 | 0.50 | 0.20 | 8.30 | AI 35 -16 RD | 3200441 | 50 |
| | 35 | 2 | red | - | 32.00 | 12.50 | 18.00 | 0.50 | 0.20 | 8.30 | AI 35 -18 RD | 3201495 | 50 |
| | 35 | 2 | red | - | 39.00 | 12.50 | 25.00 | 0.50 | 0.20 | 8.30 | AI 35 -25 RD | 3200713 | 50 |
| | 50 | 1/0 | blue | - | 36.00 | 15.00 | 20.00 | 0.60 | 0.35 | 10.30 | AI 50 -20 BU | 3200454 | 50 |
| | 50 | 1/0 | blue | - | 40.00 | 15.00 | 25.00 | 0.60 | 0.35 | 10.30 | AI 50 -25 BU | 3200726 | 25 |
| | 70 ¹⁾ | 2 | yellow | - | 37.00 | 16.00 | 20.00 | 0.60 | 0.35 | 12.70 | AI 70 -20 YE | 3201848 | 25 |
| | 95 ¹⁾ | 4 | red | - | 44.00 | 18.00 | 25.00 | 0.60 | 0.35 | 14.70 | AI 95 -25 RD | 3201853 | 25 |

Hand tools

Ferrules with insulating collar with color code in acc. with NFC 63-023

- The ferrules correspond to the requirements of DIN 46228-4 and UL 486F in terms of dimension
- The color code of the plastic insulating collar corresponds to the French standard NFC 63-023: 1994-02
- The metal sleeves are made from soft tin-plated electrolytic copper
- UL and CSA-certified



Notes:
 1) These color and/or length variants of ferrules are currently not included in DIN 46228-4 and UL 486F, and are therefore not UL-certified. As of 11/2018. Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.



Conductor cross sections from 0.5 to 50 mm²



| General data | |
|-----------------------------|--|
| Material / coating | |
| Plastic sleeve material | |
| Long/short-term temperature | |

| Technical data | |
|--|--|
| CU-DHP / tin-plated (galvanic) | |
| Polypropylene / free from silicone and halogen | |
| 105°C (-40°C no load / 0°C dynamic load) / 120°C | |

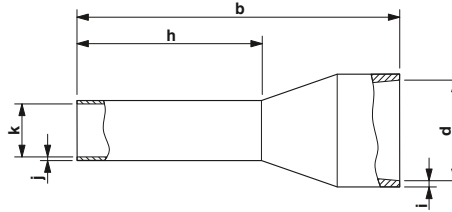
| Description | Cross section | | Color |
|--|--------------------|-----|--------|
| | [mm ²] | AWG | |
| Ferrules, with plastic sleeve, color code in accordance with NFC63-023, UL, and CSA-certified | | | |
| | 0.5 | 20 | white |
| | 0.5 | 20 | white |
| | 0.5 | 20 | white |
| | 0.5 | 20 | white |
| | 0.5 ¹⁾ | 20 | white |
| | 0.75 ¹⁾ | 18 | blue |
| | 0.75 ¹⁾ | 18 | blue |
| | 1 | 18 | red |
| | 1 | 18 | red |
| | 1 | 18 | red |
| | 1 | 18 | red |
| | 1 | 18 | red |
| | 1.5 ¹⁾ | 16 | black |
| | 1.5 | 16 | black |
| | 1.5 | 16 | black |
| | 1.5 | 16 | black |
| | 1.5 | 16 | black |
| | 1.5 | 16 | black |
| | 2.5 ¹⁾ | 14 | gray |
| | 2.5 ¹⁾ | 14 | gray |
| | 2.5 ¹⁾ | 14 | gray |
| | 2.5 ¹⁾ | 14 | gray |
| | 4 ¹⁾ | 12 | orange |
| | 4 ¹⁾ | 12 | orange |
| | 4 ¹⁾ | 12 | orange |
| | 4 ¹⁾ | 12 | orange |
| | 6 ¹⁾ | 10 | green |
| | 6 ¹⁾ | 10 | green |
| | 6 ¹⁾ | 10 | green |
| | 10 ¹⁾ | 8 | brown |
| | 10 ¹⁾ | 8 | brown |
| | 16 ¹⁾ | 6 | ivory |
| | 25 ¹⁾ | 4 | black |
| | 25 ¹⁾ | 4 | black |
| | 35 | 2 | red |
| | 35 | 2 | red |
| | 50 | 1/0 | blue |
| | 50 | 1/0 | blue |

| | Dimensions [mm] | | | | | | | |
|--|-----------------|-------|-------|-------|------|------|-------|--|
| | a | b | d | h | i | j | k | |
| | - | 12.00 | 2.50 | 6.00 | 0.25 | 0.15 | 1.10 | |
| | - | 14.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.10 | |
| | - | 14.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.10 | |
| | - | 16.00 | 2.50 | 10.00 | 0.25 | 0.15 | 1.10 | |
| | - | 18.00 | 2.50 | 12.00 | 0.25 | 0.15 | 1.10 | |
| | - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | |
| | - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | |
| | - | 12.00 | 3.00 | 6.00 | 0.30 | 0.15 | 1.50 | |
| | - | 14.00 | 3.00 | 8.00 | 0.30 | 0.15 | 1.50 | |
| | - | 14.00 | 3.00 | 8.00 | 0.30 | 0.15 | 1.50 | |
| | - | 16.00 | 3.00 | 10.00 | 0.30 | 0.15 | 1.50 | |
| | - | 18.00 | 3.00 | 12.00 | 0.30 | 0.15 | 1.50 | |
| | - | 12.00 | 3.40 | 6.00 | 0.30 | 0.15 | 1.80 | |
| | - | 14.00 | 3.40 | 8.00 | 0.30 | 0.15 | 1.80 | |
| | - | 14.00 | 3.40 | 8.00 | 0.30 | 0.15 | 1.80 | |
| | - | 16.00 | 3.40 | 10.00 | 0.30 | 0.15 | 1.80 | |
| | - | 18.00 | 3.40 | 12.00 | 0.30 | 0.15 | 1.80 | |
| | - | 24.00 | 3.40 | 18.00 | 0.30 | 0.15 | 1.80 | |
| | - | 14.00 | 4.20 | 8.00 | 0.30 | 0.15 | 2.30 | |
| | - | 14.00 | 4.20 | 8.00 | 0.30 | 0.15 | 2.30 | |
| | - | 18.00 | 4.20 | 12.00 | 0.30 | 0.15 | 2.30 | |
| | - | 24.00 | 4.20 | 18.00 | 0.30 | 0.15 | 2.30 | |
| | - | 17.00 | 4.80 | 10.00 | 0.30 | 0.20 | 2.80 | |
| | - | 17.00 | 4.80 | 10.00 | 0.30 | 0.20 | 2.80 | |
| | - | 20.00 | 4.80 | 12.00 | 0.30 | 0.20 | 2.80 | |
| | - | 26.00 | 4.80 | 18.00 | 0.30 | 0.20 | 2.80 | |
| | - | 20.00 | 6.20 | 12.00 | 0.30 | 0.20 | 3.50 | |
| | - | 20.00 | 6.20 | 12.00 | 0.30 | 0.20 | 3.50 | |
| | - | 26.00 | 6.20 | 18.00 | 0.30 | 0.20 | 3.50 | |
| | - | 22.00 | 7.50 | 12.00 | 0.30 | 0.20 | 4.60 | |
| | - | 28.00 | 7.50 | 18.00 | 0.30 | 0.20 | 4.60 | |
| | - | 24.00 | 8.80 | 12.00 | 0.40 | 0.20 | 5.80 | |
| | - | 30.00 | 11.00 | 16.00 | 0.50 | 0.20 | 7.30 | |
| | - | 36.00 | 11.00 | 22.00 | 0.50 | 0.20 | 7.30 | |
| | - | 30.00 | 12.50 | 16.00 | 0.50 | 0.20 | 8.30 | |
| | - | 39.00 | 12.50 | 25.00 | 0.50 | 0.20 | 8.30 | |
| | - | 36.00 | 15.00 | 20.00 | 0.60 | 0.35 | 10.30 | |
| | - | 40.00 | 15.00 | 25.00 | 0.60 | 0.35 | 10.30 | |

| Ordering data | | |
|---------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| AI 0,5 - 6 WH | 3200687 | 100 |
| AI 0,5 - 8 WH | 3200014 | 100 |
| AI 0,5 - 8 WH -1000 | 3200881 | 1000 |
| AI 0,5 -10 WH | 3201275 | 100 |
| AI 0,5 -12 WH | 3200506 | 100 |
| AI 0,75- 8 BU | 3200027 | 100 |
| AI 0,75- 8 BU -1000 | 1213200 | 1000 |
| AI 1 - 6 RD | 3200742 | 100 |
| AI 1 - 8 RD | 3200030 | 100 |
| AI 1 - 8 RD -1000 | 3200904 | 1000 |
| AI 1 -10 RD | 3200182 | 100 |
| AI 1 -12 RD | 3200674 | 100 |
| AI 1,5 - 6 BK | 3200755 | 100 |
| AI 1,5 - 8 BK | 3200043 | 100 |
| AI 1,5 - 8 BK -1000 | 3200917 | 1000 |
| AI 1,5 -10 BK | 3200195 | 100 |
| AI 1,5 -12 BK | 3201482 | 100 |
| AI 1,5 -18 BK | 3200056 | 100 |
| AI 2,5 - 8 GY | 3200069 | 100 |
| AI 2,5 -8 GY -1000 | 1213201 | 1000 |
| AI 2,5 -12 GY | 3200205 | 100 |
| AI 2,5 -18 GY | 3200072 | 100 |
| AI 4 -10 OG | 3200085 | 100 |
| AI 4 -10 OG -1000 | 1213202 | 1000 |
| AI 4 -12 OG | 3200438 | 100 |
| AI 4 -18 OG | 3200098 | 100 |
| AI 6 -12 GN | 3200108 | 100 |
| AI 6 -12 GN -1000 | 1213203 | 1000 |
| AI 6 -18 GN | 3200111 | 100 |
| AI 10 -12 BN | 3200124 | 100 |
| AI 10 -18 BN | 3200137 | 100 |
| AI 16 -12 IV | 3201181 | 100 |
| AI 25 -16 BK | 3200412 | 50 |
| AI 25 -22 BK | 3200739 | 50 |
| AI 35 -16 RD | 3200441 | 50 |
| AI 35 -25 RD | 3200713 | 50 |
| AI 50 -20 BU | 3200454 | 50 |
| AI 50 -25 BU | 3200726 | 25 |

Ferrules with insulating collar in special colors

- 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
- The ferrules correspond to the requirements of DIN 46228-4 and UL 486F in terms of dimension
- UL and CSA-certified



Notes:

1) These color and/or length variants of ferrules are currently not included in DIN 46228-4 and UL 486F, and are therefore not UL-certified. As of 11/2018. Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.



Conductor cross sections from 0.14 to 120 mm²



General data

Material / coating
Plastic sleeve material
Long/short-term temperature

Technical data

CU-DHP / tin-plated (galvanic)
Polypropylene / free from silicone and halogen
105°C (-40°C no load / 0°C dynamic load) / 120°C

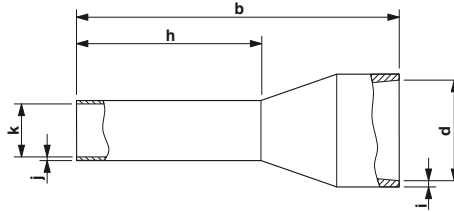
Ordering data

| Description | Cross section | | Color | Dimensions [mm] | | | | | | | Type | Order No. | Pcs./Pkt. |
|---|--------------------|-----|-----------|-----------------|-------|-------|-------|------|------|-------|---------------------|-----------|-----------|
| | [mm ²] | AWG | | a | b | d | h | i | j | k | | | |
| Ferrules, with plastic sleeve, special color code, CSA-certified | | | | | | | | | | | | | |
| | 0.14 ¹⁾ | 26 | gray | - | 12.50 | 2.00 | 6.00 | 0.25 | 0.15 | 0.80 | AI 0,14- 6 GY -1000 | 1034128 | 1000 |
| | 0.14 ¹⁾ | 26 | gray | - | 12.50 | 2.00 | 8.00 | 0.25 | 0.15 | 0.80 | AI 0,14- 8 GY -1000 | 3203011 | 1000 |
| | 0.25 ¹⁾ | 24 | blue | - | 10.50 | 2.00 | 6.00 | 0.25 | 0.15 | 0.80 | AI 0,25- 6 BU | 3203040 | 100 |
| | 0.25 ¹⁾ | 24 | blue | - | 12.50 | 2.00 | 8.00 | 0.25 | 0.25 | 0.80 | AI 0,25- 8 BU | 3201364 | 100 |
| | 0.25 ¹⁾ | 24 | blue | - | 16.50 | 2.00 | 12.00 | 0.25 | 0.15 | 0.80 | AI 0,25-12 BU | 3200632 | 100 |
| | 0.34 ¹⁾ | 22 | turquoise | - | 10.50 | 2.00 | 6.00 | 0.25 | 0.15 | 0.80 | AI 0,34- 6 TQ | 3203053 | 100 |
| | 0.34 ¹⁾ | 22 | turquoise | - | 12.50 | 2.00 | 8.00 | 0.25 | 0.15 | 0.80 | AI 0,34- 8 TQ | 3203066 | 100 |
| | 0.34 ¹⁾ | 22 | turquoise | - | 14.50 | 2.00 | 10.00 | 0.25 | 0.15 | 0.80 | AI 0,34-10 TQ | 3241129 | 100 |
| | 0.34 ¹⁾ | 22 | turquoise | - | 16.50 | 2.00 | 12.00 | 0.25 | 0.15 | 0.80 | AI 0,34-12 TQ | 3200645 | 100 |
| | 0.5 ¹⁾ | 20 | orange | - | 12.00 | 2.50 | 6.00 | 0.25 | 0.15 | 1.10 | AI 0,5- 6 OG | 3201301 | 100 |
| | 0.5 ¹⁾ | 20 | orange | - | 14.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.10 | AI 0,5- 8 OG | 3201123 | 100 |
| | 0.5 ¹⁾ | 20 | orange | - | 14.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.10 | AI 0,5- 8 OG-1000 | 3202902 | 1000 |
| | 0.5 ¹⁾ | 20 | orange | - | 14.00 | 2.50 | 10.00 | 0.25 | 0.15 | 1.10 | AI 0,5-10 OG | 3241126 | 500 |
| | 0.75 ¹⁾ | 18 | white | - | 12.00 | 2.80 | 6.00 | 0.25 | 0.15 | 1.30 | AI 0,75- 6 WH | 3201314 | 100 |
| | 0.75 ¹⁾ | 18 | white | - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | AI 0,75- 8 WH | 3201110 | 100 |
| | 1 ¹⁾ | 18 | yellow | - | 12.00 | 3.00 | 6.00 | 0.30 | 0.15 | 1.50 | AI 1 - 6 YE | 3201327 | 100 |
| | 1 ¹⁾ | 18 | yellow | - | 14.00 | 3.00 | 8.00 | 0.30 | 0.15 | 1.50 | AI 1 - 8 YE | 3201097 | 100 |
| | 1.5 ¹⁾ | 16 | red | - | 14.00 | 3.40 | 8.00 | 0.30 | 0.15 | 1.80 | AI 1,5- 8 RD | 3201136 | 100 |
| | 1.5 ¹⁾ | 16 | red | - | 14.00 | 3.40 | 8.00 | 0.30 | 0.15 | 1.80 | AI 1,5- 8 RD-1000 | 3202928 | 1000 |
| | 1.5 ¹⁾ | 16 | red | - | 24.00 | 3.40 | 18.00 | 0.30 | 0.15 | 1.80 | AI 1,5-18 RD | 3241125 | 500 |
| | 2.5 | 14 | blue | - | 14.00 | 4.20 | 8.00 | 0.30 | 0.15 | 2.30 | AI 2,5- 8 BU | 3200522 | 100 |
| | 2.5 | 14 | blue | - | 14.00 | 4.20 | 8.00 | 0.30 | 0.15 | 2.30 | AI 2,5- 8 BU-1000 | 3200920 | 1000 |
| | 2.5 | 14 | blue | - | 18.00 | 4.20 | 12.00 | 0.30 | 0.15 | 2.30 | AI 2,5-12 BU | 3200962 | 100 |
| | 2.5 | 14 | blue | - | 24.00 | 4.20 | 18.00 | 0.30 | 0.15 | 2.30 | AI 2,5-18 BU | 3200580 | 100 |
| | 4 | 12 | gray | - | 17.00 | 4.80 | 10.00 | 0.30 | 0.20 | 2.80 | AI 4 -10 GY | 3200535 | 100 |
| | 4 | 12 | gray | - | 20.00 | 4.80 | 12.00 | 0.30 | 0.20 | 2.80 | AI 4 -12 GY | 3200959 | 100 |
| | 4 | 12 | gray | - | 26.00 | 4.80 | 18.00 | 0.30 | 0.20 | 2.80 | AI 4 -18 GY | 3200593 | 100 |
| | 6 ¹⁾ | 10 | black | - | 20.00 | 6.20 | 12.00 | 0.30 | 0.20 | 3.50 | AI 6 -12 BK | 3201107 | 100 |
| | 6 ¹⁾ | 10 | black | - | 20.00 | 6.20 | 12.00 | 0.30 | 0.20 | 3.50 | AI 6 -12 BK-1000 | 1004301 | 1000 |
| | 10 ¹⁾ | 8 | ivory | - | 22.00 | 7.50 | 12.00 | 0.30 | 0.20 | 4.60 | AI 10 -12 IV | 3201068 | 100 |
| | 16 ¹⁾ | 6 | green | - | 24.00 | 8.80 | 12.00 | 0.40 | 0.20 | 5.80 | AI 16 -12 GN | 3201152 | 100 |
| | 16 ¹⁾ | 6 | green | - | 28.00 | 8.80 | 18.00 | 0.40 | 0.20 | 5.80 | AI 16 -18 GN | 3201330 | 100 |
| | 16 ¹⁾ | 6 | white | - | 24.00 | 8.80 | 12.00 | 0.40 | 0.20 | 5.80 | AI 16 -12 WH | 3200140 | 100 |
| | 16 ¹⁾ | 6 | white | - | 28.00 | 8.80 | 18.00 | 0.40 | 0.20 | 5.80 | AI 16 -18 WH | 3200153 | 100 |
| | 25 ¹⁾ | 4 | brown | - | 30.00 | 11.00 | 16.00 | 0.50 | 0.20 | 7.30 | AI 25 -16 BN | 3201084 | 50 |
| | 35 ¹⁾ | 2 | beige | - | 30.00 | 12.50 | 16.00 | 0.50 | 0.20 | 8.30 | AI 35 -16 BE | 3201071 | 50 |
| | 50 ¹⁾ | 1/0 | olive | - | 36.00 | 15.00 | 20.00 | 0.60 | 0.35 | 10.30 | AI 50 -20 OL | 3201178 | 50 |
| | 50 ¹⁾ | 1/0 | black | - | 40.00 | 15.00 | 25.00 | 0.60 | 0.35 | 10.30 | AI 50-25 BK | 3240678 | 1000 |
| | 95 ¹⁾ | 4 | red | - | 44.00 | 18.00 | 25.00 | 0.60 | 0.35 | 14.70 | AI 95 -25 RD | 3201853 | 25 |
| | 120 ¹⁾ | 5 | blue | - | 48.00 | 21.00 | 27.00 | 0.70 | 0.45 | 16.70 | AI120 -27 BU | 3201822 | 25 |

Hand tools

Ferrules for special applications

- These ferrules provide a practical way of crimping conductors with increased insulation
- This type of ferrule is used with AWG cables in particular. The insulating collar has an enlarged diameter
- Color code in accordance with DIN 46228-4 and UL 486F
- CSA-certified



Notes:
Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.



Conductor cross sections from 0.5 to 1.5 mm²



| General data |
|-----------------------------|
| Material / coating |
| Plastic sleeve material |
| Long/short-term temperature |

| Technical data |
|--|
| CU-DHP / tin-plated (galvanic) |
| Polypropylene / free from silicone and halogen |
| 105°C (-40°C no load / 0°C dynamic load) / 120°C |

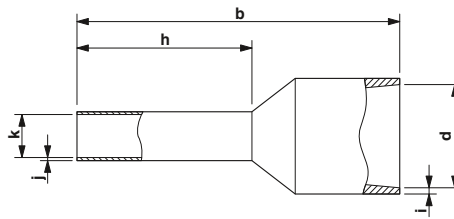
| Description | Cross section | | Color |
|--|--------------------|-----|-------|
| | [mm ²] | AWG | |
| Ferrules , with enlarged plastic sleeve, color code in accordance with DIN 46228-4 and UL 486F, CSA-certified | | | |
| | 0.5 | 20 | white |
| | 0.5 | 20 | white |
| | 0.75 | 18 | gray |
| | 0.75 | 18 | gray |
| | 0.75 | 18 | gray |
| | 1 | 18 | red |
| | 1 | 18 | red |
| | 1.5 | 16 | black |
| | 1.5 | 16 | black |

| Dimensions [mm] | | | | | | | |
|-----------------|-------|------|-------|------|------|------|--|
| a | b | d | h | i | j | k | |
| - | 13.50 | 3.00 | 8.00 | 0.25 | 0.15 | 1.10 | |
| - | 15.50 | 3.00 | 10.00 | 0.25 | 0.15 | 1.10 | |
| - | 14.00 | 3.40 | 8.00 | 0.25 | 0.15 | 1.30 | |
| - | 16.00 | 3.40 | 10.00 | 0.25 | 0.15 | 1.30 | |
| - | 16.00 | 3.40 | 10.00 | 0.25 | 0.15 | 1.30 | |
| - | 14.00 | 3.40 | 8.00 | 0.30 | 0.15 | 1.50 | |
| - | 16.00 | 3.40 | 10.00 | 0.30 | 0.15 | 1.50 | |
| - | 14.00 | 3.70 | 8.00 | 0.30 | 0.15 | 1.80 | |
| - | 16.00 | 3.70 | 10.00 | 0.30 | 0.15 | 1.80 | |

| Ordering data | | |
|-----------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| AI 0,5 - 8 WH-GB | 1208966 | 500 |
| AI 0,5-10 WH-GB | 3203150 | 100 |
| AI 0,75- 8 GY-GB | 1208979 | 500 |
| AI 0,75-10 GY-GB | 3203163 | 100 |
| AI 0,75-10 GY-GB-1000 | 3203299 | 1000 |
| AI 1 - 8 RD-GB | 1208982 | 500 |
| AI 1 -10 RD-GB-1000 | 1208869 | 1000 |
| AI 1,5 - 8 BK-GB-1000 | 3202892 | 1000 |
| AI 1,5 -10 BK-GB-1000 | 1208872 | 1000 |

Ferrules for special applications

- Suitable for conductors with thicker insulation, such as short-circuit-proof conductors
- Color code in accordance with DIN 46228-4 and UL 486F
- CSA-certified



Notes:
Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.



Conductor cross sections from 1.5 to 16 mm²

| General data | |
|-----------------------------|--|
| Material / coating | |
| Plastic sleeve material | |
| Long/short-term temperature | |



| Technical data | |
|--|--|
| CU-DHP / tin-plated (galvanic) | |
| Polypropylene / free from silicone and halogen | |
| 105°C (-40°C no load / 0°C dynamic load) / 120°C | |

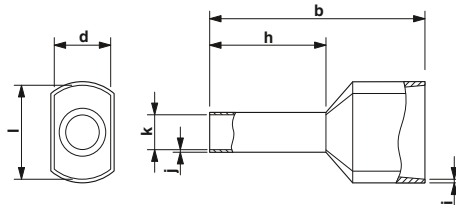
| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|--|--------------------|-----|--------|-----------------|-------|-------|-------|------|------|------|
| | [mm ²] | AWG | | a | b | d | h | i | j | k |
| Ferrules , with significantly enlarged plastic sleeve, color code in accordance with DIN 46228-4 and UL 486F, CSA-certified | 1.5 | 16 | black | - | 17.50 | 7.00 | 8.00 | 0.30 | 0.15 | 1.80 |
| | 1.5 | 16 | black | - | 19.50 | 7.00 | 10.00 | 0.30 | 0.15 | 1.80 |
| | 2.5 | 14 | blue | - | 17.50 | 7.90 | 8.00 | 0.30 | 0.15 | 2.30 |
| | 2.5 | 14 | blue | - | 21.50 | 7.90 | 12.00 | 0.30 | 0.15 | 2.30 |
| | 4 | 12 | gray | - | 19.50 | 7.90 | 10.00 | 0.30 | 0.20 | 2.90 |
| | 6 | 10 | yellow | - | 23.00 | 8.70 | 12.00 | 0.30 | 0.20 | 3.60 |
| | 10 | 8 | red | - | 24.00 | 10.20 | 12.00 | 0.30 | 0.20 | 4.60 |
| | 16 | 6 | blue | - | 25.50 | 12.50 | 12.00 | 0.40 | 0.20 | 6.00 |

| Ordering data | | |
|------------------------|-------------------------|-----------|
| Type | Order No. | Pcs./Pkt. |
| AI-XL 1,5- 8 BK | 3201916 | 100 |
| AI-XL 1,5-10 BK | 3201974 | 100 |
| AI-XL 2,5- 8 BU | 3201929 | 100 |
| AI-XL 2,5-12 BU | 3201987 | 100 |
| AI-XL 4 -10 GY | 3201932 | 100 |
| AI-XL 6 -12 YE | 3201945 | 100 |
| AI-XL 10 -12 RD | 3201958 | 100 |
| AI-XL 16 -12 BU | 3201961 | 100 |

Hand tools

Ferrules for special applications

- The TWIN ferrules provide a practical way of crimping two conductors in one ferrule
- Chain bridges can be easily implemented using these special ferrules
- Different versions of the individual TWIN ferrules can be selected for specific applications
- These ferrules correspond to the requirements of UL 486F
- UL and CSA-certified



Conductor cross sections from 2 x 0.5 to 2 x 16 mm²

Notes:
 1) These color and/or length variants of ferrules are currently not included in UL 486F and are therefore not UL-certified. As of 11/2018. Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.



| General data | |
|-----------------------------|--|
| Material / coating | |
| Plastic sleeve material | |
| Long/short-term temperature | |

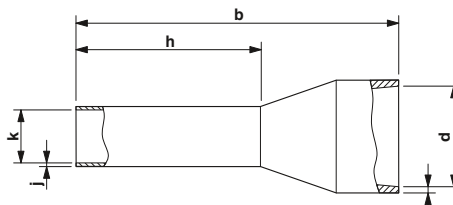
| Technical data | |
|--|--|
| CU-DHP / tin-plated (galvanic) | |
| Polypropylene / free from silicone and halogen | |
| 105°C (-40°C no load / 0°C dynamic load) / 120°C | |

| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|--|------------------------|--------|--------|-----------------|------|-------|------|------|------|---|
| | [mm ²] | AWG | | b | d | h | i | j | k | l |
| Ferrules, with TWIN plastic sleeve, color code in accordance with DIN 46228-4 and UL 486F, UL and CSA-certified | 2 x 0.5 | 2 x 20 | white | 15.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.50 | - |
| | 2 x 0.5 ¹⁾ | 2 x 20 | white | 17.00 | 2.50 | 10.00 | 0.25 | 0.15 | 1.50 | - |
| | 2 x 0.75 | 2 x 18 | gray | 15.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.80 | - |
| | 2 x 0.75 | 2 x 18 | gray | 17.00 | 2.80 | 10.00 | 0.25 | 0.15 | 1.80 | - |
| | 2 x 1 | 2 x 18 | red | 15.00 | 3.40 | 8.00 | 0.30 | 0.15 | 2.05 | - |
| | 2 x 1 | 2 x 18 | red | 17.00 | 3.40 | 10.00 | 0.30 | 0.15 | 2.05 | - |
| | 2 x 1 | 2 x 18 | red | 19.00 | 3.40 | 12.00 | 0.30 | 0.15 | 2.05 | - |
| | 2 x 1.5 | 2 x 16 | black | 16.00 | 3.60 | 8.00 | 0.30 | 0.15 | 2.30 | - |
| | 2 x 1.5 ¹⁾ | 2 x 16 | black | 18.00 | 3.60 | 10.00 | 0.30 | 0.15 | 2.30 | - |
| | 2 x 1.5 | 2 x 16 | black | 20.00 | 3.60 | 12.00 | 0.30 | 0.15 | 2.30 | - |
| | 2 x 2.5 | 2 x 14 | blue | 18.50 | 4.20 | 10.00 | 0.30 | 0.20 | 2.90 | - |
| | 2 x 2.5 | 2 x 14 | blue | 21.50 | 4.20 | 13.00 | 0.30 | 0.20 | 2.90 | - |
| | 2 x 2.5 ¹⁾ | 2 x 14 | blue | 24.50 | 4.20 | 16.00 | 0.30 | 0.20 | 2.90 | - |
| | 2 x 4 | 2 x 12 | gray | 23.00 | 4.90 | 12.00 | 0.30 | 0.20 | 3.80 | - |
| | 2 x 6 | 2 x 10 | yellow | 25.00 | 5.90 | 14.00 | 0.40 | 0.20 | 4.90 | - |
| | 2 x 10 | 2 x 8 | red | 26.00 | 7.20 | 14.00 | 0.40 | 0.20 | 6.50 | - |
| | 2 x 16 ¹⁾ | 2 x 6 | blue | 31.00 | 8.80 | 16.00 | 0.50 | 0.20 | 8.50 | - |
| Ferrules, with TWIN plastic sleeve, color code in accordance with DIN 46228-4 and UL 486F, UL and CSA-certified | 2 x 0.5 | 2 x 20 | white | 15.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.50 | - |
| | 2 x 0.5 ¹⁾ | 2 x 20 | white | 17.00 | 2.50 | 10.00 | 0.25 | 0.15 | 1.50 | - |
| | 2 x 0.75 ¹⁾ | 2 x 18 | blue | 15.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.80 | - |
| | 2 x 1 | 2 x 18 | red | 15.00 | 3.40 | 8.00 | 0.30 | 0.15 | 2.05 | - |
| | 2 x 1 | 2 x 18 | red | 17.00 | 3.40 | 10.00 | 0.30 | 0.15 | 2.05 | - |
| | 2 x 1 | 2 x 18 | red | 19.00 | 3.40 | 12.00 | 0.30 | 0.15 | 2.05 | - |
| | 2 x 1.5 | 2 x 16 | black | 16.00 | 3.60 | 8.00 | 0.30 | 0.15 | 2.30 | - |
| | 2 x 1.5 ¹⁾ | 2 x 16 | black | 18.00 | 3.60 | 10.00 | 0.30 | 0.15 | 2.30 | - |
| | 2 x 1.5 | 2 x 16 | black | 20.00 | 3.60 | 12.00 | 0.30 | 0.15 | 2.30 | - |
| | 2 x 2.5 ¹⁾ | 2 x 14 | gray | 18.50 | 4.20 | 10.00 | 0.30 | 0.20 | 2.90 | - |
| | 2 x 4 ¹⁾ | 2 x 12 | orange | 23.00 | 4.90 | 12.00 | 0.30 | 0.20 | 3.80 | - |
| | 2 x 6 ¹⁾ | 2 x 10 | green | 25.00 | 5.90 | 14.00 | 0.40 | 0.20 | 4.90 | - |
| | 2 x 10 ¹⁾ | 2 x 8 | brown | 26.00 | 7.20 | 14.00 | 0.40 | 0.20 | 6.50 | - |
| | 2 x 16 ¹⁾ | 2 x 6 | white | 31.00 | 8.80 | 16.00 | 0.50 | 0.20 | 8.50 | - |

| Ordering data | | |
|-----------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| AI-TWIN 2X 0,5 - 8 WH | 3200933 | 100 |
| AI-TWIN 2X 0,5-10 WH | 3203309 | 100 |
| AI-TWIN 2X 0,75- 8 GY | 3200807 | 100 |
| AI-TWIN 2X 0,75-10 GY | 3200975 | 100 |
| AI-TWIN 2X 1 - 8 RD | 3200810 | 100 |
| AI-TWIN 2X 1 -10 RD | 3200988 | 100 |
| AI-TWIN 2X1-12 RD | 3240679 | 100 |
| AI-TWIN 2X 1,5 - 8 BK | 3200823 | 100 |
| AI-TWIN 2X 1,5-10 BK | 3201534 | 100 |
| AI-TWIN 2X 1,5-12 BK | 3200991 | 100 |
| AI-TWIN 2X 2,5-10 BU | 3200836 | 100 |
| AI-TWIN 2X 2,5-13 BU | 3200878 | 100 |
| AI-TWIN 2X 2,5-16 BU | 1200281 | 100 |
| AI-TWIN 2X 4 -12 GY | 3201000 | 100 |
| AI-TWIN 2X 6 -14 YE | 3201013 | 100 |
| AI-TWIN 2X10 -14 RD | 3201026 | 100 |
| AI-TWIN 2X16 -16 BU | 3202847 | 50 |
| AI-TWIN 2X 0,5 - 8 WH | 3200933 | 100 |
| AI-TWIN 2X 0,5-10 WH | 3203309 | 100 |
| AI-TWIN 2X 0,75- 8 BU | 3240668 | 100 |
| AI-TWIN 2X 1 - 8 RD | 3200810 | 100 |
| AI-TWIN 2X 1 -10 RD | 3200988 | 100 |
| AI-TWIN 2X1-12 RD | 3240679 | 100 |
| AI-TWIN 2X 1,5 - 8 BK | 3200823 | 100 |
| AI-TWIN 2X 1,5-10 BK | 3201534 | 100 |
| AI-TWIN 2X 1,5-12 BK | 3200991 | 100 |
| AI-TWIN 2X 2,5-10 GY | 3240669 | 100 |
| AI-TWIN 2X 4 -12 OG | 1213204 | 100 |
| AI-TWIN 2X 6 -14 GN | 1213205 | 100 |
| AI-TWIN 2X10 -14 BN | 1213206 | 100 |
| AI-TWIN 2X16 -16 WH | 1213207 | 50 |

Ferrules with plastic sleeve, taped, supplied on large reels

- Ferrules in tape format for automatic processing
- The ferrules are supplied on large reels, each containing a quantity of up to 3000
- The ferrules correspond to the requirements of DIN 46228-4 and UL 486F
- UL and CSA-certified



Notes:
 1) These color and/or length variants of ferrules are currently not included in DIN 46228-4 and UL 486F, and are therefore not UL-certified. As of 11/2018. Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.



Conductor cross section of 0.5 ... 2.5 mm²



| General data | |
|-----------------------------|--|
| Material / coating | |
| Plastic sleeve material | |
| Long/short-term temperature | |

| Technical data | |
|--|--|
| CU-DHP / tin-plated (galvanic) | |
| Polypropylene / free from silicone and halogen | |
| 105°C (-40°C no load / 0°C dynamic load) / 120°C | |

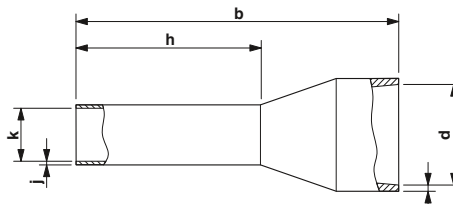
| Description | Cross section | | Color |
|--|--------------------|-----|-------|
| | [mm ²] | AWG | |
| Taped ferrules , with plastic sleeve, large reels for automatic processing, color code in acc. with DIN 46228-4 and UL 486F, UL and CSA certified | | | |
| | 0.5 | 20 | white |
| | 0.75 ¹⁾ | 18 | white |
| | 0.75 | 18 | gray |
| | 1 | 18 | red |
| | 1.5 | 16 | black |
| | 2.5 | 14 | blue |

| | Dimensions [mm] | | | | | | |
|---|-----------------|------|------|------|------|------|---|
| | a | b | d | h | i | j | k |
| - | 14.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.10 | |
| - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | |
| - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | |
| - | 14.00 | 3.00 | 8.00 | 0.30 | 0.15 | 1.50 | |
| - | 14.00 | 3.40 | 8.00 | 0.30 | 0.15 | 1.80 | |
| - | 14.00 | 4.20 | 8.00 | 0.30 | 0.15 | 2.30 | |

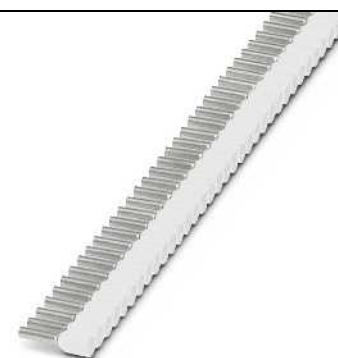
| Ordering data | | |
|---------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| AI 0,5-8 WH-B 3000 | 3240663 | 3000 |
| AI 0,75-8 WH-B 3000 | 3240677 | 3000 |
| AI 0,75-8 GY-B 3000 | 3240664 | 3000 |
| AI 1-8 RD-B 3000 | 3240665 | 3000 |
| AI 1,5-8 BK-B 2500 | 3240666 | 2500 |
| AI 2,5-8 BU-B 1500 | 3240667 | 1500 |

Ferrules with plastic collar in strip form

- Suitable for processing with the CRIMPFOX 4 IN 1
- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper
- The ferrules correspond to the requirements of DIN 46228-4 and UL 486F
- UL and CSA-certified



Notes:
 1) These color and/or length variants of ferrules are currently not included in DIN 46228-4 and UL 486F, and are therefore not UL-certified. As of 11/2018. Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.



Conductor cross section of 0.5 ... 2.5 mm²



| General data | |
|-----------------------------|--|
| Material / coating | |
| Plastic sleeve material | |
| Long/short-term temperature | |

| Technical data | |
|--|--|
| CU-DHP / tin-plated (galvanic) | |
| Polypropylene / free from silicone and halogen | |
| 105°C (-40°C no load / 0°C dynamic load) / 120°C | |

| Description | Cross section | | Color |
|--|--------------------|-----|-------|
| | [mm ²] | AWG | |
| Taped ferrules , ferrule length: 8 mm, in accordance with DIN 46228-4 and UL 486F, 10 strips with 50(40) ferrules per strip, UL and CSA-certified | | | |
| 0.5 mm ² | 0.5 | 20 | white |
| 0.75 mm ² | 0.75 ¹⁾ | 18 | blue |
| 0.75 mm ² | 0.75 | 18 | gray |
| 1.0 mm ² | 1 | 18 | red |
| 1.5 mm ² | 1.5 | 16 | black |
| 2.5 mm ² | 2.5 | 14 | blue |
| 2.5 mm ² | 2.5 ¹⁾ | 14 | gray |

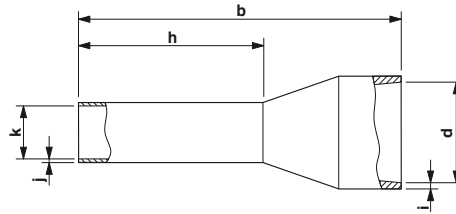
| | Dimensions [mm] | | | | | | |
|---|-----------------|------|------|------|------|------|---|
| | a | b | d | h | i | j | k |
| - | 14.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.10 | |
| - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | |
| - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | |
| - | 14.00 | 3.00 | 8.00 | 0.30 | 0.15 | 1.50 | |
| - | 14.00 | 3.40 | 8.00 | 0.30 | 0.15 | 1.80 | |
| - | 14.00 | 4.20 | 8.00 | 0.30 | 0.15 | 2.30 | |
| - | 14.00 | 4.20 | 8.00 | 0.30 | 0.15 | 2.30 | |

| Ordering data | | |
|------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| AI 0,5-8 WH S1 | 1200104 | 500 |
| AI 0,75- 8 BU S1 | 1200163 | 500 |
| AI 0,75- 8 GY S1 | 1200105 | 500 |
| AI 1,0-8 RD S1 | 1200106 | 500 |
| AI 1,5-8 BK S1 | 1200107 | 500 |
| AI 2,5-8 BU S1 | 1200108 | 400 |
| AI 2,5-8 GY S1 | 1200164 | 400 |

Hand tools

Ferrules with plastic collar in strip form

- Suitable for processing with the CRIMPHANDY
- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper
- The ferrules correspond to the requirements of DIN 46228-4 and UL 486F
- UL and CSA-certified



Conductor cross section 0.5 ... 1.5 mm², with function end

Notes:

¹⁾ These color and/or length variants of ferrules are currently not included in DIN 46228-4 and UL 486F, and are therefore not UL-certified. As of 11/2018. Up-to-date information on certification can be found under UL file E488001 at www.UL.com or at phoenixcontact.com.



General data

Material / coating
Plastic sleeve material
Long/short-term temperature

Technical data

CU-DHP / tin-plated (galvanic)
Polypropylene / free from silicone and halogen
105°C (-40°C no load / 0°C dynamic load) / 120°C

Ordering data

| Description | Cross section | | Color | Dimensions [mm] | | | | | | | | Type | Order No. | Pcs./Pkt. | |
|--|--------------------|-----|--------|-----------------|-------|------|------|------|------|------|----------------|---------|-----------|-----------|--|
| | [mm ²] | AWG | | a | b | d | h | i | j | k | | | | | |
| Taped ferrules , with function end, 8 mm, with plastic sleeve, in accordance with DIN 46228-4 and UL 486F, UL and CSA-certified, 50 pieces per strip, 20 strips per unit pack | | | | | | | | | | | | | | | |
| in accordance with DIN 46228-4, UL 486F, and NFC 63-023 | 0.5 | 20 | white | - | 14.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.10 | AI 0,5-8 WH-S | 1212521 | 1000 | | |
| in accordance with DIN 46228-4 and UL 486F | 0.75 | 18 | gray | - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | AI 0,75-8 GY-S | 1212522 | 1000 | | |
| in accordance with DIN 46228-4, UL 486F, and NFC 63-023 | 1 | 18 | red | - | 14.00 | 3.00 | 8.00 | 0.30 | 0.15 | 1.50 | AI 1,0-8 RD-S | 1212523 | 1000 | | |
| in accordance with DIN 46228-4, UL 486F, and NFC 63-023 | 1.5 | 16 | black | - | 14.00 | 3.40 | 8.00 | 0.30 | 0.15 | 1.80 | AI 1,5-8 BK-S | 1212524 | 1000 | | |
| Special color ¹⁾ | 0.5 | 20 | orange | - | 14.00 | 2.50 | 8.00 | 0.25 | 0.15 | 1.10 | AI 0,5-8 OG-S | 1212784 | 1000 | | |
| in accordance with NFC 63-023 ¹⁾ | 0.75 | 18 | blue | - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | AI 0,75-8 BU-S | 1212785 | 1000 | | |
| Special color ¹⁾ | 0.75 | 18 | white | - | 14.00 | 2.80 | 8.00 | 0.25 | 0.15 | 1.30 | AI 0,75-8 WH-S | 1212783 | 1000 | | |
| Special color ¹⁾ | 1 | 18 | yellow | - | 14.00 | 3.00 | 8.00 | 0.30 | 0.15 | 1.50 | AI 1,0-8 YE-S | 1212782 | 1000 | | |
| Special color ¹⁾ | 1.5 | 16 | red | - | 14.00 | 3.40 | 8.00 | 0.30 | 0.15 | 1.80 | AI 1,5-8 RD-S | 1212781 | 1000 | | |

Assortment boxes containing ferrules

- Color coding and the transparent cover facilitate fast access to the required ferrules
- The practical assortment boxes are designed to keep your workshop tidy
- With the integrated Euro hole, they are affixed to perforated plate panels in a space-saving way



Assortment box, equipped



Tool and ferrule set

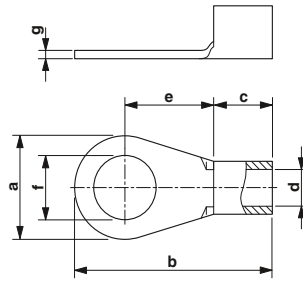


| Description | Ordering data | | | Ordering data | | |
|---|----------------------|-----------|-----------|--------------------|-----------|-----------|
| | Type | Order No. | Pcs./Pkt. | Type | Order No. | Pcs./Pkt. |
| Assortment box , equipped with ferrules in accordance with DIN 46228-4, CSA-certified 500 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 SORTI BOX RD | 3202960 | 1 | | | |
| Assortment box , equipped with ferrules in accordance with DIN 46228-4, CSA-certified 50 pcs. of AI 4-10 GY, 20 pcs. each of AI 6-12 YE, AI 10-12 RD, 10 pcs. of AI 16-12 BU | AI SORTI BOX ANT | 3202973 | 1 | | | |
| Assortment box , supplied with TWIN ferrules in accordance with DIN 46228-4, CSA-certified 50 pcs. each of AI-TWIN 2x0,5-8 WH, AI-TWIN 2x0,75-8 GY, AI-TWIN 2x1-8 RD, AI-TWIN 2x1,5-8 BK 25 pcs. of AI-TWIN 2x2,5-10 BU | AI-TWIN SORTI BOX BU | 3202986 | 1 | | | |
| Assortment box , equipped with TWIN ferrules in accordance with DIN 46228-4, CSA-certified 20 pcs. of AI-TWIN 2x4-12 GY, 10 pcs. each of AI-TWIN 2x6-14 YE, AI-TWIN 2x10-14 RD | AI-TWIN SORTI BOX GY | 3202999 | 1 | | | |
| Assortment box , empty, with five compartments | AI SORTI BOX-E LGY | 3203008 | 10 | | | |
| Assortment box , made of metal, equipped with ferrules in accordance with DIN 46228-4: 1990-09, CSA-certified 500 pieces each of AI 0,25-6 YE, AI 0,34-6 TQ, AI 0,5-8 WH, AI 0,75-8 GY, AI 1-8 RD, AI 1,5-8 BK, 300 pieces of AI 2,5-8 BU, 200 pieces of AI 4-10 GY, 100 pieces of AI 6-12 YE as well as stripping tool for wires and conductors of up to 6 mm ² Crimp pliers for ferrules in accordance with DIN 46228, Part 1+4, 0,5 - 6 mm ² , front insertion, trapezoidal crimp | | | | CRIMPSET 6 | 1202072 | 1 |
| Assortment box , made of metal, equipped with ferrules in accordance with DIN 46228-4: 1990-09, CSA-certified 300 pieces of AI 10-12 RD, 200 pieces of AI 16-12 BU, 100 pieces of AI 25-16 YE as well as stripping tool, for stripping wires of 4.5 - 40 mm Crimp pliers for ferrules in accordance with DIN 46228, Part 1+4, 10 - 25 mm ² , lateral insertion, WM crimp | | | | CRIMPSET 25 | 1202580 | 1 |
| Assortment box , metal, empty | | | | CRIMPSET 6/25 LEER | 1204041 | 1 |

Hand tools

Ring cable lugs, uninsulated

- The ring cable lugs without plastic sleeve are made from high-quality tin-plated electrolytic copper for maximum protection against corrosion
- The hard-soldered crimp zone enables maximum conductor pull-out values and optimum contact properties
- For optimum crimping, the CRIMPFOX-RC ... tools from our CRIMPFOX crimping pliers range are available to you



Conductor cross sections from 0.5 to 240 mm²

| General data | |
|--------------------|------|
| Material / coating | |
| Temperature range | [°C] |

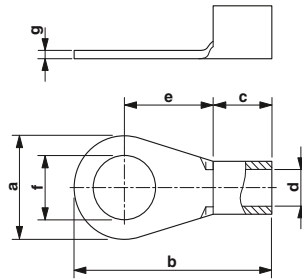
ERC

| Technical data | |
|---------------------|--|
| Copper / tin-plated | |
| ... 110 | |

| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|--|--------------------|---------|--------|-----------------|-------|-------|-------|-------|-------|------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g |
| Ring cable lug, uninsulated, in accordance with DIN 46234 | | | | | | | | | | |
| | 0.5 - 1 | 20 - 18 | silver | 6.00 | 14.00 | 5.00 | 1.60 | 6.00 | 2.80 | 0.80 |
| | 0.5 - 1 | 20 - 18 | silver | 6.00 | 14.00 | 5.00 | 1.60 | 6.00 | 3.20 | 0.80 |
| | 0.5 - 1 | 20 - 18 | silver | 6.00 | 14.00 | 5.00 | 1.60 | 6.00 | 3.70 | 0.80 |
| | 0.5 - 1 | 20 - 18 | silver | 8.00 | 16.00 | 5.00 | 1.60 | 7.00 | 4.30 | 0.80 |
| | 0.5 - 1 | 20 - 18 | silver | 10.00 | 18.00 | 5.00 | 1.60 | 8.00 | 5.30 | 0.80 |
| | 0.5 - 1 | 20 - 18 | silver | 10.00 | 18.00 | 5.00 | 1.60 | 8.00 | 6.50 | 0.80 |
| | 0.5 - 1 | 20 - 18 | silver | 11.60 | 22.00 | 5.00 | 1.60 | 12.00 | 8.40 | 0.80 |
| | 1 - 2.5 | 18 - 14 | silver | 6.00 | 14.00 | 5.00 | 2.30 | 6.00 | 3.20 | 0.80 |
| | 1 - 2.5 | 18 - 14 | silver | 6.00 | 14.00 | 5.00 | 2.30 | 6.00 | 3.70 | 0.80 |
| | 1 - 2.5 | 18 - 14 | silver | 8.00 | 16.00 | 5.00 | 2.30 | 7.00 | 4.30 | 0.80 |
| | 1 - 2.5 | 18 - 14 | silver | 10.00 | 19.00 | 5.00 | 2.30 | 9.00 | 5.30 | 0.80 |
| | 1 - 2.5 | 18 - 14 | silver | 11.00 | 21.50 | 5.00 | 2.30 | 11.00 | 6.50 | 0.80 |
| | 1 - 2.5 | 18 - 14 | silver | 14.00 | 24.00 | 5.00 | 2.30 | 12.00 | 8.40 | 0.80 |
| | 1 - 2.5 | 18 - 14 | silver | 14.00 | 25.40 | 5.00 | 2.30 | 12.00 | 10.50 | 0.80 |
| | 2.6 - 6 | 12 - 10 | silver | 8.00 | 17.50 | 6.00 | 3.60 | 8.00 | 4.30 | 1.00 |
| | 2.6 - 6 | 12 - 10 | silver | 10.00 | 20.00 | 6.00 | 3.60 | 9.00 | 5.30 | 1.00 |
| | 2.6 - 6 | 12 - 10 | silver | 11.00 | 22.00 | 6.00 | 3.60 | 10.00 | 6.50 | 1.00 |
| | 2.6 - 6 | 12 - 10 | silver | 14.00 | 26.00 | 6.00 | 3.60 | 13.00 | 8.40 | 1.00 |
| | 2.6 - 6 | 12 - 10 | silver | 18.00 | 30.00 | 6.00 | 3.60 | 15.00 | 10.50 | 1.00 |
| | 2.6 - 6 | 12 - 10 | silver | 18.00 | 35.50 | 6.00 | 3.60 | 15.00 | 13.00 | 1.00 |
| | - 10 | - 8 | silver | 10.00 | 21.00 | 8.00 | 4.50 | 8.00 | 5.30 | 1.10 |
| | - 10 | - 8 | silver | 11.00 | 23.00 | 8.00 | 4.50 | 9.00 | 6.50 | 1.10 |
| | - 10 | - 8 | silver | 14.00 | 27.00 | 8.00 | 4.50 | 12.00 | 8.40 | 1.10 |
| | - 10 | - 8 | silver | 18.00 | 30.00 | 8.00 | 4.50 | 13.00 | 10.50 | 1.10 |
| | - 10 | - 8 | silver | 22.00 | 34.00 | 8.00 | 4.50 | 15.00 | 13.00 | 1.10 |
| | - 16 | - 6 | silver | 11.00 | 26.00 | 10.00 | 5.80 | 10.00 | 5.30 | 1.10 |
| | - 16 | - 6 | silver | 11.00 | 26.00 | 10.00 | 5.80 | 10.00 | 6.50 | 1.20 |
| | - 16 | - 6 | silver | 14.00 | 29.00 | 10.00 | 5.80 | 12.00 | 8.40 | 1.20 |
| | - 16 | - 6 | silver | 18.00 | 33.00 | 10.00 | 5.80 | 14.00 | 10.50 | 1.20 |
| | - 16 | - 6 | silver | 22.00 | 37.00 | 10.00 | 5.80 | 16.00 | 13.00 | 1.20 |
| | - 25 | - 4 | silver | 12.00 | 31.00 | 11.00 | 7.50 | 14.00 | 5.30 | 1.50 |
| | - 25 | - 4 | silver | 12.00 | 31.00 | 11.00 | 7.50 | 14.00 | 6.50 | 1.50 |
| | - 25 | - 4 | silver | 16.00 | 33.00 | 11.00 | 7.50 | 14.00 | 8.40 | 1.50 |
| | - 25 | - 4 | silver | 18.00 | 35.00 | 11.00 | 7.50 | 15.00 | 10.50 | 1.50 |
| | - 25 | - 4 | silver | 31.00 | 42.00 | 11.00 | 7.50 | 20.00 | 13.00 | 1.50 |
| | - 25 | - 4 | silver | 35.00 | 49.00 | 11.00 | 7.50 | 25.00 | 17.00 | 1.50 |
| | - 35 | - 2 | silver | 15.00 | 34.00 | 12.00 | 9.00 | 14.00 | 6.50 | 1.60 |
| | - 35 | - 2 | silver | 16.00 | 34.00 | 12.00 | 9.00 | 14.00 | 8.40 | 1.60 |
| | - 35 | - 2 | silver | 18.00 | 36.00 | 12.00 | 9.00 | 15.00 | 10.50 | 1.60 |
| | - 35 | - 2 | silver | 22.00 | 42.00 | 12.00 | 9.00 | 19.00 | 13.00 | 1.60 |
| | - 35 | - 2 | silver | 28.00 | 50.00 | 12.00 | 9.00 | 24.00 | 17.00 | 1.60 |
| | - 50 | - 1/0 | silver | 18.00 | 43.00 | 16.00 | 11.00 | 18.00 | 6.50 | 1.80 |
| | - 50 | - 1/0 | silver | 18.00 | 43.00 | 16.00 | 11.00 | 18.00 | 8.40 | 1.80 |
| | - 50 | - 1/0 | silver | 18.00 | 43.00 | 16.00 | 11.00 | 18.00 | 10.50 | 1.80 |
| | - 50 | - 1/0 | silver | 22.00 | 47.00 | 16.00 | 11.00 | 20.00 | 13.00 | 1.80 |
| | - 50 | - 1/0 | silver | 28.00 | 54.00 | 16.00 | 11.00 | 24.00 | 17.00 | 1.80 |
| | - 70 | - 2/0 | silver | 22.00 | 49.00 | 18.00 | 13.00 | 20.00 | 6.50 | 2.00 |
| | - 70 | - 2/0 | silver | 22.00 | 49.00 | 18.00 | 13.00 | 20.00 | 8.40 | 2.00 |
| | - 70 | - 2/0 | silver | 22.00 | 49.00 | 18.00 | 13.00 | 20.00 | 10.50 | 2.00 |
| | - 70 | - 2/0 | silver | 22.00 | 49.00 | 18.00 | 13.00 | 20.00 | 13.00 | 2.00 |
| | - 70 | - 2/0 | silver | 28.00 | 56.00 | 18.00 | 13.00 | 24.00 | 17.00 | 2.00 |

| Ordering data | | |
|-------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| C-RC 1/M2,5 DIN | 3240069 | 100 |
| C-RC 1/M3 DIN | 3240070 | 100 |
| C-RC 1/M3,5 DIN | 3240071 | 100 |
| C-RC 1/M4 DIN | 3240072 | 100 |
| C-RC 1/M5 DIN | 3240073 | 100 |
| C-RC 1/M6 DIN | 3240074 | 100 |
| C-RC 1/M8 DIN | 3240075 | 100 |
| C-RC 2,5/M3 DIN | 3240076 | 100 |
| C-RC 2,5/M3,5 DIN | 3240077 | 100 |
| C-RC 2,5/M4 DIN | 3240078 | 100 |
| C-RC 2,5/M5 DIN | 3240079 | 100 |
| C-RC 2,5/M6 DIN | 3240080 | 100 |
| C-RC 2,5/M8 DIN | 3240081 | 100 |
| C-RC 2,5/M10 DIN | 3240082 | 100 |
| C-RC 6/M4 DIN | 3240083 | 50 |
| C-RC 6/M5 DIN | 3240084 | 50 |
| C-RC 6/M6 DIN | 3240085 | 50 |
| C-RC 6/M8 DIN | 3240086 | 50 |
| C-RC 6/M10 DIN | 3240087 | 50 |
| C-RC 6/M12 DIN | 3240088 | 50 |
| C-RC 10/M5 DIN | 3240089 | 100 |
| C-RC 10/M6 DIN | 3240090 | 100 |
| C-RC 10/M8 DIN | 3240091 | 100 |
| C-RC 10/M10 DIN | 3240092 | 100 |
| C-RC 10/M12 DIN | 3240093 | 100 |
| C-RC 16/M5 DIN | 3240094 | 100 |
| C-RC 16/M6 DIN | 3240095 | 100 |
| C-RC 16/M8 DIN | 3240096 | 100 |
| C-RC 16/M10 DIN | 3240097 | 100 |
| C-RC 16/M12 DIN | 3240098 | 100 |
| C-RC 25/M5 DIN | 3240099 | 100 |
| C-RC 25/M6 DIN | 3240100 | 100 |
| C-RC 25/M8 DIN | 3240101 | 100 |
| C-RC 25/M10 DIN | 3240102 | 100 |
| C-RC 25/M12 DIN | 3240103 | 100 |
| C-RC 25/M16 DIN | 3240104 | 100 |
| C-RC 35/M6 DIN | 3240105 | 100 |
| C-RC 35/M8 DIN | 3240106 | 100 |
| C-RC 35/M10 DIN | 3240107 | 100 |
| C-RC 35/M12 DIN | 3240108 | 100 |
| C-RC 35/M16 DIN | 3240109 | 100 |
| C-RC 50/M6 DIN | 3240110 | 100 |
| C-RC 50/M8 DIN | 3240111 | 100 |
| C-RC 50/M10 DIN | 3240112 | 100 |
| C-RC 50/M12 DIN | 3240113 | 100 |
| C-RC 50/M16 DIN | 3240114 | 100 |
| C-RC 70/M6 DIN | 3240115 | 100 |
| C-RC 70/M8 DIN | 3240116 | 100 |
| C-RC 70/M10 DIN | 3240117 | 100 |
| C-RC 70/M12 DIN | 3240118 | 100 |
| C-RC 70/M16 DIN | 3240119 | 100 |

Ring cable lugs, uninsulated



Conductor cross sections from 0.5 to 240 mm²

General data

| | |
|--------------------|------|
| Material / coating | |
| Temperature range | [°C] |

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Technical data

| |
|---------------------|
| Copper / tin-plated |
| ... 110 |

Ordering data

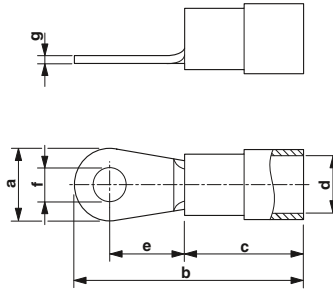
| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|-------------|--------------------|-----|--------|-----------------|-------|-------|-------|-------|-------|------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g |
| | 95 | 3/0 | silver | 24.00 | 54.00 | 20.00 | 15.00 | 22.00 | 8.40 | 2.50 |
| | 95 | 3/0 | silver | 24.00 | 54.00 | 20.00 | 15.00 | 22.00 | 10.50 | 2.50 |
| | 95 | 3/0 | silver | 24.00 | 54.00 | 20.00 | 15.00 | 22.00 | 13.00 | 2.50 |
| | 95 | 3/0 | silver | 28.00 | 58.00 | 20.00 | 15.00 | 24.00 | 17.00 | 2.50 |
| | 120 | 250 | silver | 24.00 | 56.00 | 22.00 | 16.50 | 22.00 | 8.40 | 3.00 |
| | 120 | 250 | silver | 24.00 | 56.00 | 22.00 | 16.50 | 22.00 | 10.50 | 3.00 |
| | 120 | 250 | silver | 24.00 | 56.00 | 22.00 | 16.50 | 22.00 | 13.00 | 3.00 |
| | 150 | 300 | silver | 30.00 | 65.00 | 24.00 | 19.00 | 26.00 | 10.50 | 3.20 |
| | 150 | 300 | silver | 30.00 | 65.00 | 24.00 | 19.00 | 26.00 | 13.00 | 3.20 |
| | 150 | 300 | silver | 30.00 | 65.00 | 24.00 | 19.00 | 26.00 | 17.00 | 3.20 |
| | 185 | 350 | silver | 36.00 | 74.00 | 28.00 | 21.00 | 22.00 | 10.50 | 3.50 |
| | 185 | 350 | silver | 36.00 | 74.00 | 28.00 | 21.00 | 22.00 | 13.00 | 3.50 |
| | 185 | 350 | silver | 36.00 | 74.00 | 28.00 | 21.00 | 22.00 | 17.00 | 3.50 |
| | 240 | 500 | silver | 38.00 | 75.00 | 32.00 | 23.50 | 24.00 | 10.50 | 4.00 |
| | 240 | 500 | silver | 38.00 | 75.00 | 32.00 | 23.50 | 24.00 | 13.00 | 4.00 |
| | 240 | 500 | silver | 38.00 | 75.00 | 32.00 | 23.50 | 24.00 | 17.00 | 4.00 |

| Type | Order No. | Pcs./Pkt. |
|------------------|-----------|-----------|
| C-RC 95/M8 DIN | 3240120 | 50 |
| C-RC 95/M10 DIN | 3240121 | 50 |
| C-RC 95/M12 DIN | 3240122 | 50 |
| C-RC 95/M16 DIN | 3240123 | 50 |
| C-RC 120/M8 DIN | 3240124 | 25 |
| C-RC 120/M10 DIN | 3240125 | 25 |
| C-RC 120/M12 DIN | 3240126 | 25 |
| C-RC 150/M10 DIN | 3240128 | 25 |
| C-RC 150/M12 DIN | 3240129 | 25 |
| C-RC 150/M16 DIN | 3240130 | 25 |
| C-RC 185/M10 DIN | 3240131 | 20 |
| C-RC 185/M12 DIN | 3240132 | 20 |
| C-RC 185/M16 DIN | 3240133 | 20 |
| C-RC 240/M10 DIN | 3240134 | 10 |
| C-RC 240/M12 DIN | 3240135 | 10 |
| C-RC 240/M16 DIN | 3240136 | 10 |

Hand tools

Ring cable lugs, insulated

- The hard-soldered crimping area guarantees the best mechanical properties and permits horizontal or even vertical crimping
- The sleeves taper conically. This enables easy and correct conductor insertion



Conductor cross sections from 0.5 to 10 mm²

| General data | |
|--|------|
| Material / coating | |
| Plastic sleeve material | |
| Temperature range | [°C] |
| Flammability rating in accordance with UL 94 | |

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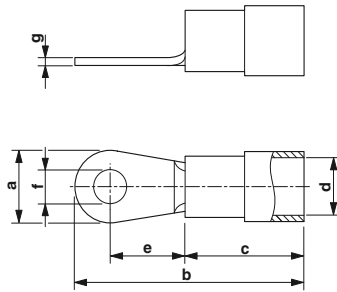
| Technical data | |
|--------------------------|--|
| Copper / tin-plated | |
| Polyamide / halogen-free | |
| -20 ... 105 | |
| V2 | |

| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|---|--------------------|---------|--------|-----------------|-------|-------|------|-------|-------|------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g |
| Ring cable lug, insulated, in accordance with UL | | | | | | | | | | |
| | 0.5 - 1.5 | 20 - 16 | red | 5.50 | 17.50 | 10.50 | 4.10 | 4.30 | 3.20 | 0.75 |
| | 0.5 - 1.5 | 20 - 16 | red | 5.50 | 17.50 | 10.50 | 4.10 | 4.30 | 3.70 | 0.75 |
| | 0.5 - 1.5 | 20 - 16 | red | 8.00 | 21.70 | 10.50 | 4.10 | 7.30 | 4.30 | 0.75 |
| | 0.5 - 1.5 | 20 - 16 | red | 8.00 | 21.70 | 10.50 | 4.10 | 7.30 | 5.30 | 0.75 |
| | 0.5 - 1.5 | 20 - 16 | red | 11.60 | 27.60 | 10.50 | 4.10 | 11.20 | 6.50 | 0.75 |
| | 1.5 - 2.5 | 16 - 14 | blue | 6.60 | 20.60 | 11.00 | 4.50 | 7.80 | 3.20 | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | blue | 6.60 | 20.60 | 11.00 | 4.50 | 6.30 | 3.70 | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | blue | 8.50 | 23.00 | 11.00 | 4.50 | 7.80 | 4.30 | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | blue | 9.50 | 23.00 | 11.00 | 4.50 | 7.30 | 5.30 | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | blue | 12.00 | 28.10 | 11.00 | 4.50 | 11.00 | 6.50 | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | blue | 12.00 | 28.10 | 11.00 | 4.50 | 11.00 | 8.50 | 0.80 |
| | 4 - 6 | 12 - 10 | yellow | 9.50 | 26.70 | 14.00 | 6.60 | 8.00 | 4.30 | 1.00 |
| | 4 - 6 | 12 - 10 | yellow | 9.50 | 26.70 | 14.00 | 6.60 | 8.00 | 5.30 | 1.00 |
| | 4 - 6 | 12 - 10 | yellow | 12.00 | 32.70 | 14.00 | 6.60 | 12.70 | 6.50 | 1.00 |
| | 4 - 6 | 12 - 10 | yellow | 15.00 | 34.90 | 14.00 | 6.60 | 13.40 | 8.50 | 1.00 |
| | 4 - 6 | 12 - 10 | yellow | 15.00 | 34.90 | 14.00 | 6.60 | 13.40 | 10.50 | 1.00 |
| | - 10 | - 8 | red | 10.00 | 31.30 | 16.00 | 7.50 | 10.90 | 5.30 | 1.10 |
| | - 10 | - 8 | red | 11.00 | 31.30 | 16.00 | 7.50 | 19.30 | 6.50 | 1.10 |
| | - 10 | - 8 | red | 14.00 | 37.30 | 16.00 | 7.50 | 13.80 | 8.40 | 1.10 |
| | - 10 | - 8 | red | 18.00 | 37.30 | 16.00 | 7.50 | 13.80 | 10.50 | 1.10 |

| Ordering data | | |
|----------------|-------------------------|-----------|
| Type | Order No. | Pcs./Pkt. |
| C-RCI 1,5/M3 | 3240016 | 100 |
| C-RCI 1,5/M3,5 | 3240017 | 100 |
| C-RCI 1,5/M4 | 3240018 | 100 |
| C-RCI 1,5/M5 | 3240019 | 100 |
| C-RCI 1,5/M6 | 3240020 | 100 |
| C-RCI 2,5/M3 | 3240021 | 100 |
| C-RCI 2,5/M3,5 | 3240022 | 100 |
| C-RCI 2,5/M4 | 3240023 | 100 |
| C-RCI 2,5/M5 | 3240024 | 100 |
| C-RCI 2,5/M6 | 3240025 | 50 |
| C-RCI 2,5/M8 | 3240026 | 50 |
| C-RCI 6/M4 | 3240027 | 50 |
| C-RCI 6/M5 | 3240028 | 50 |
| C-RCI 6/M6 | 3240029 | 25 |
| C-RCI 6/M8 | 3240030 | 25 |
| C-RCI 6/M10 | 3240031 | 25 |
| C-RCI 10/M5 | 3240219 | 50 |
| C-RCI 10/M6 | 3240220 | 50 |
| C-RCI 10/M8 | 3240221 | 50 |
| C-RCI 10/M10 | 3240222 | 50 |

Ring cable lugs, insulated with additional crimp zone for conductor insulation

- The C-RCEI series is equipped with an additional crimp zone for conductor insulation
- The conductor and insulation are crimped together, thereby increasing the vibration resistance and tensile strength
- The sleeves taper conically. This enables easy and correct conductor insertion



Conductor cross sections from 0.5 to 6 mm²

General data

Material / coating
 Plastic sleeve material
 Temperature range [°C]
 Flammability rating in accordance with UL 94

Technical data

Copper / tin-plated
 Polyamide / halogen-free
 -20 ... 105
 V2

| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|---|--------------------|---------|--------|-----------------|-------|-------|------|-------|-------|------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g |
| Ring cable lug, insulated, with additional crimp zone for conductor insulation | | | | | | | | | | |
| | 0.5 - 1.5 | 20 - 16 | red | 5.50 | 17.70 | 11.00 | 4.10 | 4.00 | 3.20 | 0.75 |
| | 0.5 - 1.5 | 20 - 16 | red | 6.60 | 20.60 | 11.00 | 4.10 | 6.30 | 3.70 | 0.75 |
| | 0.5 - 1.5 | 20 - 16 | red | 8.00 | 22.00 | 11.00 | 4.10 | 7.00 | 4.30 | 0.75 |
| | 0.5 - 1.5 | 20 - 16 | red | 8.00 | 22.00 | 11.00 | 4.10 | 7.00 | 5.30 | 0.75 |
| | 0.5 - 1.5 | 20 - 16 | red | 11.60 | 27.80 | 11.00 | 4.10 | 11.10 | 6.50 | 0.75 |
| | 1.5 - 2.5 | 16 - 14 | blue | 6.60 | 20.50 | 11.00 | 4.50 | 6.30 | 3.70 | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | blue | 8.50 | 23.00 | 11.00 | 4.50 | 7.80 | 4.30 | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | blue | 9.50 | 23.00 | 11.00 | 4.50 | 7.30 | 5.30 | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | blue | 12.00 | 28.00 | 11.00 | 4.50 | 11.00 | 6.50 | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | blue | 12.00 | 28.00 | 11.00 | 4.50 | 11.00 | 8.40 | 0.80 |
| | 4 - 6 | 12 - 10 | yellow | 9.50 | 26.00 | 13.00 | 6.50 | 8.30 | 5.30 | 1.00 |
| | 4 - 6 | 12 - 10 | yellow | 12.00 | 29.50 | 13.00 | 6.50 | 10.50 | 6.50 | 1.00 |
| | 4 - 6 | 12 - 10 | yellow | 15.00 | 34.20 | 13.00 | 6.50 | 13.70 | 8.40 | 1.00 |
| | 4 - 6 | 12 - 10 | yellow | 15.00 | 34.20 | 13.00 | 6.50 | 13.70 | 10.50 | 1.00 |

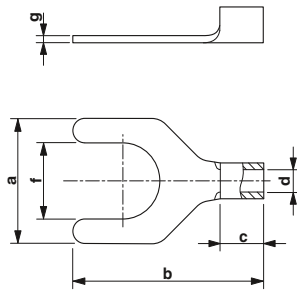
Ordering data

| Type | Order No. | Pcs./Pkt. |
|-----------------|-----------|-----------|
| C-RCEI 1,5/M3 | 3241201 | 100 |
| C-RCEI 1,5/M3,5 | 3241202 | 100 |
| C-RCEI 1,5/M4 | 3241203 | 100 |
| C-RCEI 1,5/M5 | 3241204 | 100 |
| C-RCEI 1,5/M6 | 3241205 | 100 |
| C-RCEI 2,5/M3,5 | 3241206 | 100 |
| C-RCEI 2,5/M4 | 3241207 | 100 |
| C-RCEI 2,5/M5 | 3241208 | 100 |
| C-RCEI 2,5/M6 | 3241209 | 100 |
| C-RCEI 2,5/M8 | 3241210 | 100 |
| C-RCEI 6/M5 | 3241211 | 100 |
| C-RCEI 6/M6 | 3241212 | 100 |
| C-RCEI 6/M8 | 3241213 | 100 |
| C-RCEI 6/M10 | 3241214 | 100 |

Hand tools

Fork-type cable lugs, uninsulated

- The fork-type cable lugs without plastic sleeve feature a hard-soldered neck. In conjunction with the CRIMPFOX-RC ... range of pliers they can be used to achieve maximum conductor pull-out forces
- They consist of high-quality electrolytic copper with galvanic tin plating for maximum corrosion protection



Conductor cross sections from 0.5 to 6 mm²

| General data | |
|--------------------|------|
| Material / coating | |
| Temperature range | [°C] |

ERC

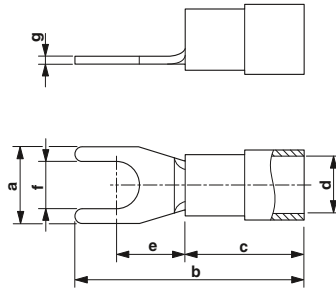
| Technical data | |
|---------------------|--|
| Copper / tin-plated | |
| ... 110 | |

| Description | Cross section | | Color | Dimensions [mm] | | | | | | | |
|---|--------------------|---------|--------|-----------------|-------|------|------|-------|------|------|--|
| | [mm ²] | AWG | | a | b | c | d | e | f | g | |
| Fork-type cable lug, uninsulated, in accordance with DIN 46234 | | | | | | | | | | | |
| | 0.5 - 1.5 | 20 - 16 | silver | 5.70 | 16.00 | 4.50 | 1.90 | 7.20 | 3.20 | 0.75 | |
| | 0.5 - 1.5 | 20 - 16 | silver | 6.20 | 16.00 | 4.50 | 1.90 | 7.20 | 3.70 | 0.75 | |
| | 0.5 - 1.5 | 20 - 16 | silver | 7.20 | 16.00 | 4.50 | 1.90 | 7.20 | 4.30 | 0.75 | |
| | 0.5 - 1.5 | 20 - 16 | silver | 8.00 | 16.00 | 4.50 | 1.90 | 6.50 | 5.30 | 0.75 | |
| | 0.5 - 1.5 | 20 - 16 | silver | 10.70 | 17.00 | 4.50 | 1.90 | 8.00 | 6.40 | 0.80 | |
| | 1.5 - 2.5 | 16 - 14 | silver | 5.70 | 16.00 | 4.80 | 2.50 | 6.50 | 3.20 | 0.80 | |
| | 1.5 - 2.5 | 16 - 14 | silver | 6.20 | 16.00 | 4.80 | 2.50 | 6.50 | 3.70 | 0.80 | |
| | 1.5 - 2.5 | 16 - 14 | silver | 7.20 | 16.00 | 4.80 | 2.50 | 6.50 | 4.30 | 0.80 | |
| | 1.5 - 2.5 | 16 - 14 | silver | 8.00 | 16.00 | 4.80 | 2.50 | 6.50 | 5.30 | 0.80 | |
| | 1.5 - 2.5 | 16 - 14 | silver | 10.70 | 17.00 | 4.80 | 2.50 | 7.60 | 6.40 | 0.80 | |
| | 1.5 - 2.5 | 16 - 14 | silver | 13.50 | 22.10 | 4.80 | 2.50 | 7.60 | 8.40 | 0.80 | |
| | 2.6 - 6 | 12 - 10 | silver | 8.20 | 19.50 | 6.50 | 3.60 | 7.50 | 4.30 | 1.00 | |
| | 2.6 - 6 | 12 - 10 | silver | 9.00 | 19.50 | 6.50 | 3.60 | 8.00 | 5.30 | 1.00 | |
| | 2.6 - 6 | 12 - 10 | silver | 12.00 | 23.10 | 6.50 | 3.60 | 9.50 | 6.40 | 1.00 | |
| | 2.6 - 6 | 12 - 10 | silver | 13.50 | 25.00 | 6.50 | 3.60 | 12.00 | 8.40 | 1.00 | |

| Ordering data | | |
|---------------|-------------------------|-----------|
| Type | Order No. | Pcs./Pkt. |
| C-FC 1,5/M3 | 3240137 | 100 |
| C-FC 1,5/M3,5 | 3240138 | 100 |
| C-FC 1,5/M4 | 3240139 | 100 |
| C-FC 1,5/M5 | 3240140 | 100 |
| C-FC 1,5/M6 | 3240141 | 100 |
| C-FC 2,5/M3 | 3240142 | 100 |
| C-FC 2,5/M3,5 | 3240143 | 100 |
| C-FC 2,5/M4 | 3240144 | 100 |
| C-FC 2,5/M5 | 3240145 | 100 |
| C-FC 2,5/M6 | 3240146 | 100 |
| C-FC 2,5/M8 | 3240147 | 100 |
| C-FC 6/M4 | 3240148 | 50 |
| C-FC 6/M5 | 3240149 | 50 |
| C-FC 6/M6 | 3240150 | 50 |
| C-FC 6/M8 | 3240151 | 50 |

Fork-type cable lugs, insulated

- The hard-soldered crimping area guarantees the best mechanical properties and permits horizontal or even vertical crimping
- The insulated versions are halogen-free and feature “EASY ENTRY” technology

Conductor cross sections from 0.5 to 6 mm²

General data

| | |
|--|------|
| Material / coating | |
| Plastic sleeve material | |
| Temperature range | [°C] |
| Flammability rating in accordance with UL 94 | |

ERIC

Technical data

Copper / tin-plated
Polyamide / halogen-free
-20 ... 105
V2

Ordering data

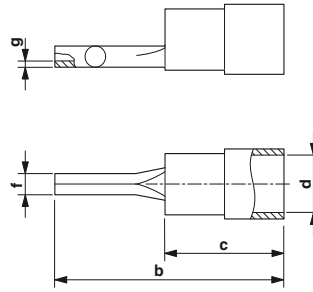
| Description | Cross section | | Color | Dimensions [mm] | | | | | | | Type | Order No. | Pcs./Pkt. |
|--|--------------------|---------|--------|-----------------|-------|-------|------|-------|------|------|----------------|-----------|-----------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g | | | |
| Fork-type cable lug, insulated, in accordance with UL | | | | | | | | | | | | | |
| | 0.5 - 1.5 | 20 - 16 | red | 5.70 | 22.00 | 10.50 | 4.10 | 7.20 | 3.20 | 0.75 | C-FCI 1,5/M3 | 3240032 | 100 |
| | 0.5 - 1.5 | 20 - 16 | red | 5.70 | 22.00 | 10.50 | 4.10 | 7.20 | 3.70 | 0.75 | C-FCI 1,5/M3,5 | 3240033 | 100 |
| | 0.5 - 1.5 | 20 - 16 | red | 7.20 | 22.00 | 10.50 | 4.10 | 7.20 | 4.30 | 0.75 | C-FCI 1,5/M4 | 3240034 | 100 |
| | 0.5 - 1.5 | 20 - 16 | red | 8.00 | 22.00 | 10.50 | 4.10 | 6.50 | 5.30 | 0.75 | C-FCI 1,5/M5 | 3240035 | 100 |
| | 0.5 - 1.5 | 20 - 16 | red | 10.70 | 22.00 | 10.50 | 4.10 | 8.00 | 6.50 | 0.75 | C-FCI 1,5/M6 | 3240036 | 100 |
| | 1.5 - 2.5 | 16 - 14 | blue | 5.70 | 22.50 | 11.00 | 4.50 | 6.50 | 3.20 | 0.80 | C-FCI 2,5/M3 | 3240037 | 100 |
| | 1.5 - 2.5 | 16 - 14 | blue | 5.70 | 22.50 | 11.00 | 4.50 | 6.50 | 3.70 | 0.80 | C-FCI 2,5/M3,5 | 3240038 | 100 |
| | 1.5 - 2.5 | 16 - 14 | blue | 7.20 | 22.50 | 11.00 | 4.50 | 6.50 | 4.30 | 0.80 | C-FCI 2,5/M4 | 3240039 | 100 |
| | 1.5 - 2.5 | 16 - 14 | blue | 8.00 | 22.50 | 11.00 | 4.50 | 6.50 | 5.30 | 0.80 | C-FCI 2,5/M5 | 3240040 | 50 |
| | 1.5 - 2.5 | 16 - 14 | blue | 10.70 | 22.50 | 11.00 | 4.50 | 7.60 | 6.50 | 0.80 | C-FCI 2,5/M6 | 3240041 | 50 |
| | 4 - 6 | 12 - 10 | yellow | 8.20 | 26.70 | 14.00 | 6.60 | 7.50 | 4.30 | 1.00 | C-FCI 6/M4 | 3240042 | 50 |
| | 4 - 6 | 12 - 10 | yellow | 9.00 | 26.70 | 14.00 | 6.60 | 8.00 | 5.30 | 1.00 | C-FCI 6/M5 | 3240043 | 50 |
| | 4 - 6 | 12 - 10 | yellow | 12.00 | 30.30 | 14.00 | 6.60 | 9.90 | 6.50 | 1.00 | C-FCI 6/M6 | 3240044 | 25 |
| | 4 - 6 | 12 - 10 | yellow | 13.50 | 32.80 | 14.00 | 6.60 | 11.50 | 8.50 | 1.00 | C-FCI 6/M8 | 3240045 | 25 |

Hand tools

Pin cable lugs, insulated

The key features of the insulated pin cable lugs with plastic collars are as follows:

- “EASY ENTRY” for easy and reliable conductor entry
- Hard-soldered crimping zone for maximum pull-out forces
- Electrolytic tin plating
- Halogen-free



Conductor cross sections from 0.5 to 6 mm²

General data

| | |
|--|------|
| Material / coating | |
| Plastic sleeve material | |
| Temperature range | [°C] |
| Flammability rating in accordance with UL 94 | |

| Description | Cross section | | Color |
|---|--------------------|---------|--------|
| | [mm ²] | AWG | |
| Pin cable lug, insulated, in accordance with UL | 0.5 - 1.5 | 20 - 16 | red |
| | 1.5 - 2.5 | 16 - 14 | blue |
| | 4 - 6 | 12 - 10 | yellow |

| Dimensions [mm] | | | | | | | |
|-----------------|-------|-------|------|---|------|------|--|
| a | b | c | d | e | f | g | |
| - | 22.50 | 10.50 | 4.10 | - | 2.00 | 0.75 | |
| - | 23.00 | 11.00 | 4.50 | - | 2.00 | 0.80 | |
| - | 27.50 | 14.00 | 6.60 | - | 2.70 | 0.80 | |

ERC

Technical data

| |
|--------------------------|
| Copper / tin-plated |
| Polyamide / halogen-free |
| -20 ... 105 |
| V2 |

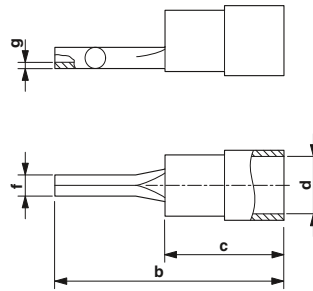
Ordering data

| Type | Order No. | Pcs./Pkt. |
|-------------|-----------|-----------|
| C-PCI 1,5/2 | 3240064 | 100 |
| C-PCI 2,5/2 | 3240066 | 100 |
| C-PCI 6/2,7 | 3240068 | 50 |

Pin cable lugs, insulated with additional crimp zone for conductor insulation

The key features of the insulated pin cable lugs with plastic collars are as follows:

- “EASY ENTRY” for easy and reliable conductor entry
- Hard-soldered crimping zone for maximum pull-out forces
- Electrolytic tin plating
- Halogen-free
- The conductor and insulation are crimped together, thereby increasing the vibration resistance and tensile strength



Conductor cross sections from 0.5 to 6 mm²

General data

| | |
|--|------|
| Material / coating | |
| Plastic sleeve material | |
| Temperature range | [°C] |
| Flammability rating in accordance with UL 94 | |

| Description | Cross section | | Color |
|---|--------------------|---------|--------|
| | [mm ²] | AWG | |
| Pin cable lug, insulated, with additional crimp zone for conductor insulation | 0.5 - 1.5 | 20 - 16 | red |
| | 1.5 - 2.5 | 16 - 14 | blue |
| | 4 - 6 | 12 - 10 | yellow |

| Dimensions [mm] | | | | | | | |
|-----------------|-------|-------|------|---|------|------|--|
| a | b | c | d | e | f | g | |
| - | 23.50 | 11.00 | 4.10 | - | 1.90 | 0.75 | |
| - | 23.50 | 11.00 | 4.50 | - | 1.90 | 0.80 | |
| - | 26.70 | 13.00 | 6.50 | - | 2.80 | 0.80 | |

ERC

Technical data

| |
|--------------------------|
| Copper / tin-plated |
| Polyamide / halogen-free |
| -20 ... 105 |
| V2 |

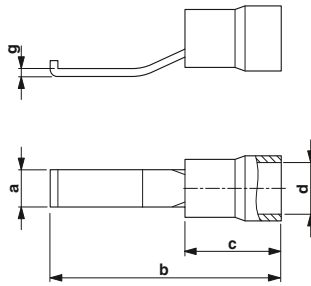
Ordering data

| Type | Order No. | Pcs./Pkt. |
|--------------|-----------|-----------|
| C-PCEI 1,5/2 | 3241215 | 100 |
| C-PCEI 2,5/2 | 3241216 | 100 |
| C-PCEI 6/2 | 3241217 | 100 |

Flat pin cable lugs with hooks, insulated

The key features of the flat pin cable lugs with plastic collars are as follows:

- “EASY ENTRY” for easy and reliable conductor entry
- Electrolytic tin plating
- Halogen-free
- For horizontal and vertical crimping with CRIMPFOX-RCI 6



Conductor cross sections
from 0.5 to 6 mm²

ERC

Technical data

Copper / tin-plated
Polyamide / halogen-free
-20 ... 105
V2

Ordering data

| Type | Order No. | Pcs./Pkt. |
|---------------|-----------|-----------|
| C-BCI 1,5/2,8 | 3240015 | 100 |
| C-BCI 1,5/4,6 | 3240568 | 100 |
| C-BCI 2,5/2,8 | 3240046 | 100 |
| C-BCI 2,5/4,6 | 3240569 | 100 |
| C-BCI 6/2,8 | 3240047 | 50 |
| C-BCI 6/4,6 | 3240570 | 50 |

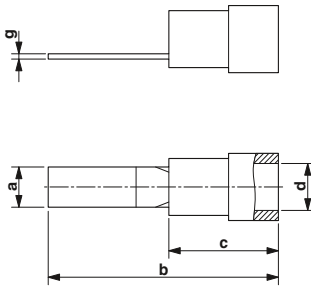
General data

Material / coating
Plastic sleeve material
Temperature range [°C]
Flammability rating in accordance with UL 94

| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|--------------------------------------|--------------------|---------|--------|-----------------|-------|-------|------|---|---|------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g |
| Flat pin cable lug, insulated | | | | | | | | | | |
| | 0.5 - 1.5 | 20 - 16 | red | 2.80 | 28.00 | 10.50 | 4.00 | - | - | 0.80 |
| | 0.5 - 1.5 | 20 - 16 | red | 4.60 | 28.00 | 10.50 | 4.00 | - | - | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | blue | 2.80 | 28.50 | 11.00 | 4.50 | - | - | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | blue | 4.60 | 28.50 | 11.00 | 4.50 | - | - | 0.80 |
| | 4 - 6 | 12 - 10 | yellow | 2.80 | 32.00 | 14.00 | 6.50 | - | - | 0.80 |
| | 4 - 6 | 12 - 10 | yellow | 4.60 | 32.00 | 14.00 | 6.50 | - | - | 1.00 |

Flat pin cable lugs, straight, insulated

- “EASY ENTRY” for easy and reliable conductor entry
- Hard-soldered crimping zone for maximum conductor pull-out force in connection with CRIMPFOX RCI ... pliers
- Electrogalvanized
- Halogen-free



Conductor cross sections
from 0.5 to 6 mm²

ERC

Technical data

CU / electrogalvanized
Polyamide / halogen-free
-20 ... 105
V2

Ordering data

| Type | Order No. | Pcs./Pkt. |
|------------------|-----------|-----------|
| C-BCSI 1,5/9X2,8 | 3240531 | 100 |
| C-BCSI 2,5/9X2,8 | 3240532 | 100 |
| C-BCSI 6/10X2,8 | 3240546 | 100 |
| C-BCSI 6/18X4,5 | 3240533 | 50 |

General data

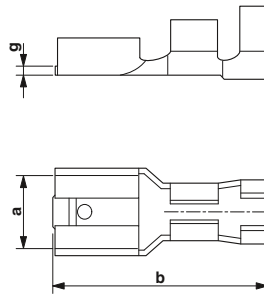
Material / coating
Plastic sleeve material
Temperature range [°C]
Flammability rating in accordance with UL 94

| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|---|--------------------|---------|--------|-----------------|-------|-------|------|---|---|------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g |
| Flat pin cable lug, insulated, pin dimensions: | | | | | | | | | | |
| 19.5 x 2.8 mm | 0.5 - 1.5 | 20 - 16 | red | 2.80 | 19.50 | 10.50 | 4.10 | - | - | 0.75 |
| 20 x 2.8 mm | 1.5 - 2.5 | 16 - 14 | blue | 2.80 | 20.00 | 11.00 | 4.50 | - | - | 0.80 |
| 32 x 4.5 mm | 4 - 6 | 12 - 10 | yellow | 2.80 | 24.00 | 14.00 | 6.60 | - | - | 1.00 |
| 24 x 2.8 mm | 4 - 6 | 12 - 10 | yellow | 4.50 | 32.00 | 14.00 | 6.60 | - | - | 1.00 |

Hand tools

Slip-on sleeves and flat connectors, uninsulated

- The uninsulated slip-on sleeves and slip-on blade connectors are made from electrolytically tin-plated brass, thereby offering a high degree of protection against corrosion
- The crimp area has grooves, these improve the electrical and mechanical properties
- Halogen-free



Conductor cross sections from 0.5 to 6 mm²

General data

Material / coating
Temperature range [°C]

| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|---|--------------------|---------|--------|-----------------|-------|---|---|---|---|------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g |
| Slip-on sleeve , uninsulated, in accordance with DIN 46247 | | | | | | | | | | |
| | 0.5 - 1 | 20 - 18 | silver | 2.80 | 12.50 | - | - | - | - | 0.30 |
| | 0.5 - 1.5 | 20 - 16 | silver | 4.80 | 15.60 | - | - | - | - | 0.40 |
| | 0.5 - 1.5 | 20 - 16 | silver | 4.80 | 15.60 | - | - | - | - | 0.40 |
| | 0.5 - 1.5 | 20 - 16 | silver | 6.30 | 19.20 | - | - | - | - | 0.40 |
| | 1.5 - 2.5 | 16 - 14 | silver | 4.80 | 15.60 | - | - | - | - | 0.40 |
| | 1.5 - 2.5 | 16 - 14 | silver | 4.80 | 15.60 | - | - | - | - | 0.40 |
| | 1.5 - 2.5 | 16 - 14 | silver | 6.30 | 19.20 | - | - | - | - | 0.40 |
| | 4 - 6 | 12 - 10 | silver | 6.30 | 19.20 | - | - | - | - | 0.40 |
| Flat connector , uninsulated, in accordance with DIN 46248 | | | | | | | | | | |
| | 0.5 - 1.5 | 20 - 16 | silver | 6.30 | 20.00 | - | - | - | - | 0.80 |
| | 1.5 - 2.5 | 16 - 14 | silver | 6.30 | 20.00 | - | - | - | - | 0.80 |

Insulating ferrule, as touch proofness and insulation for slip-on sleeves

For 2.8 mm slip-on sleeves transparent
For 4.8 mm slip-on sleeves transparent
For 6.3 mm slip-on sleeves transparent

ERC

Technical data

Brass / tin-plated
... 110

Ordering data

| Type | Order No. | Pcs./Pkt. |
|-------------------|-----------|-----------|
| C-SCF 1/2,8X0,8 | 3240153 | 100 |
| C-SCF 1,5/4,8X0,5 | 3240154 | 100 |
| C-SCF 1,5/4,8X0,8 | 3240155 | 100 |
| C-SCF 1,5/6,3X0,8 | 3240156 | 100 |
| C-SCF 2,5/4,8X0,5 | 3240157 | 100 |
| C-SCF 2,5/4,8X0,8 | 3240158 | 100 |
| C-SCF 2,5/6,3X0,8 | 3240159 | 100 |
| C-SCF 6/6,3X0,8 | 3240160 | 100 |
| C-SCM 1,5/6,3X0,8 | 3240161 | 100 |
| C-SCM 2,5/6,3X0,8 | 3240162 | 100 |

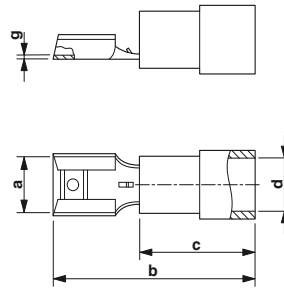
Accessories

| | | |
|-----------|---------|-----|
| PT/FS 2,8 | 1406700 | 500 |
| PT/FS 4,8 | 1670497 | 25 |
| PT/FS 6,3 | 0604707 | 500 |

Slip-on sleeves and flat connectors, insulated

The key features of the insulated flat connectors and slip-on sleeves with plastic collars are as follows:

- “EASY ENTRY” for easy and reliable conductor entry
- Hard-soldered crimping zone for maximum pull-out forces
- Electrolytic tin plating
- Halogen-free



Conductor cross sections from 0.5 to 6 mm²

General data

Material / coating
 Plastic sleeve material
 Temperature range [°C]
 Flammability rating in accordance with UL 94

ERIC

Technical data

Brass / tin-plated
 Polyamide / halogen-free
 -20 ... 105
 V2

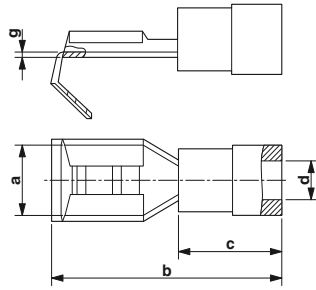
Ordering data

| Description | Cross section | | Color | Dimensions [mm] | | | | | | | | | Type | Order No. | Pcs./Pkt. |
|--|--------------------|---------|--------|-----------------|-------|-------|------|---|---|---|------|---------------------------|-------------------------|-----------|-----------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g | | | | | |
| Slip-on sleeve, insulated, in accordance with UL | | | | | | | | | | | | | | | |
| | 0.5 - 1.5 | 20 - 16 | red | 2.80 | 18.50 | 10.50 | 4.10 | - | - | - | 0.25 | C-SCFI 1,5/2,8X0,5 | 3240048 | 100 | |
| | 0.5 - 1.5 | 20 - 16 | red | 2.80 | 18.50 | 10.50 | 4.10 | - | - | - | 0.25 | C-SCFI 1,5/2,8X0,8 | 3240049 | 100 | |
| | 0.5 - 1.5 | 20 - 16 | red | 4.80 | 19.50 | 10.50 | 4.10 | - | - | - | 0.40 | C-SCFI 1,5/4,8X0,5 | 3240050 | 100 | |
| | 0.5 - 1.5 | 20 - 16 | red | 4.80 | 19.50 | 10.50 | 4.10 | - | - | - | 0.40 | C-SCFI 1,5/4,8X0,8 | 3240051 | 100 | |
| | 0.5 - 1.5 | 20 - 16 | red | 6.30 | 21.50 | 10.50 | 4.10 | - | - | - | 0.40 | C-SCFI 1,5/6,3X0,8 | 3240052 | 100 | |
| | 1.5 - 2.5 | 16 - 14 | blue | 4.80 | 20.00 | 11.00 | 5.00 | - | - | - | 0.40 | C-SCFI 2,5/4,8X0,5 | 3240053 | 50 | |
| | 1.5 - 2.5 | 16 - 14 | blue | 4.80 | 20.00 | 11.00 | 5.00 | - | - | - | 0.40 | C-SCFI 2,5/4,8X0,8 | 3240054 | 50 | |
| | 1.5 - 2.5 | 16 - 14 | blue | 6.30 | 22.00 | 11.00 | 5.00 | - | - | - | 0.40 | C-SCFI 2,5/6,3X0,8 | 3240055 | 50 | |
| | 4 - 6 | 12 - 10 | yellow | 6.30 | 25.00 | 14.00 | 6.60 | - | - | - | 0.40 | C-SCFI 6/6,3X0,8 | 3240056 | 50 | |
| Slip-on blade connector, insulated, in accordance with UL | | | | | | | | | | | | | | | |
| | 0.5 - 1.5 | 20 - 16 | red | 6.30 | 22.00 | 10.50 | 4.10 | - | - | - | 0.80 | C-SCMI 1,5/6,3X0,8 | 3240058 | 100 | |
| | 1.5 - 2.5 | 16 - 14 | blue | 6.30 | 22.50 | 11.00 | 4.50 | - | - | - | 0.80 | C-SCMI 2,5/6,3X0,8 | 3240059 | 50 | |
| | 4 - 6 | 12 - 10 | yellow | 6.30 | 24.50 | 14.00 | 6.60 | - | - | - | 0.80 | C-SCMI 6/6,3X0,8 | 3240060 | 50 | |

Hand tools

Slip-on distributor, insulated

- “EASY ENTRY” for easy and reliable conductor entry
- Electrogalvanized
- Halogen-free



Conductor cross sections from 0.5 to 2.5 mm²

ERC

| General data | |
|--|------|
| Material / coating | |
| Plastic sleeve material | |
| Temperature range | [°C] |
| Flammability rating in accordance with UL 94 | |

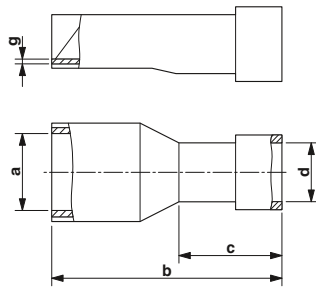
| Technical data | | |
|---------------------------|--|--|
| Brass / electrogalvanized | | |
| Polyamide / halogen-free | | |
| -20 ... 105 | | |
| V2 | | |

| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|---|--------------------|---------|-------|-----------------|-------|-------|-------|---|---|------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g |
| Slip-on distributor, insulated, for 6.3 x 0.8 mm connectors and sleeves | 0.5 - 1.5 | 20 - 16 | red | 6.30 | 22.50 | 10.50 | 41.00 | - | - | 0.40 |
| | 1.5 - 2.5 | 16 - 14 | blue | 6.30 | 23.00 | 11.00 | 11.00 | - | - | 0.40 |

| Ordering data | | |
|---------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| C-SCFMI 1,5/6,3X0,8 | 3240529 | 50 |
| C-SCFMI 2,5/6,3X0,8 | 3240530 | 50 |

Slip-on sleeves, fully insulated

- “EASY ENTRY” for easy and reliable conductor entry
- Electrogalvanized
- Halogen-free



Conductor cross sections from 0.5 to 6 mm²

ERC

| General data | |
|-------------------------|------|
| Material / coating | |
| Plastic sleeve material | |
| Temperature range | [°C] |

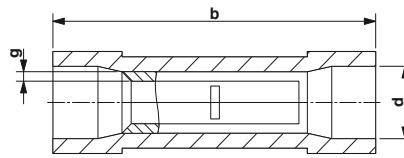
| Technical data | | |
|---------------------------|--|--|
| Brass / electrogalvanized | | |
| Polyamide / halogen-free | | |
| -20 ... 105 | | |

| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|---------------------------------|--------------------|---------|--------|-----------------|-------|-------|------|---|---|------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g |
| Slip-on sleeve, for connectors: | | | | | | | | | | |
| 2.8 x 0.5 mm | 0.5 - 1.5 | 20 - 16 | red | 2.80 | 19.00 | 10.50 | 4.30 | - | - | 0.25 |
| 2.8 x 0.8 mm | 0.5 - 1.5 | 20 - 16 | red | 2.80 | 19.00 | 10.50 | 4.30 | - | - | 0.25 |
| 4.8 x 0.5 mm | 0.5 - 1.5 | 20 - 16 | red | 4.80 | 19.50 | 10.50 | 4.30 | - | - | 0.40 |
| 4.8 x 0.8 mm | 0.5 - 1.5 | 20 - 16 | red | 4.80 | 19.50 | 10.50 | 4.30 | - | - | 0.40 |
| 6.3 x 0.8 mm | 0.5 - 1.5 | 20 - 16 | red | 6.30 | 21.50 | 10.50 | 4.30 | - | - | 0.40 |
| 4.8 x 0.5 mm | 1.5 - 2.5 | 16 - 14 | blue | 4.80 | 20.00 | 11.00 | 5.00 | - | - | 0.40 |
| 4.8 x 0.8 mm | 1.5 - 2.5 | 16 - 14 | blue | 4.80 | 20.00 | 11.00 | 5.00 | - | - | 0.40 |
| 6.3 x 0.8 mm | 1.5 - 2.5 | 16 - 14 | blue | 6.30 | 22.00 | 11.00 | 5.00 | - | - | 0.40 |
| 6.3 x 0.8 mm | 4 - 6 | 12 - 10 | yellow | 6.30 | 26.00 | 14.00 | 6.60 | - | - | 0.40 |

| Ordering data | | |
|---------------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| C-SCFFI 1,5/2,8X0,5 | 3240534 | 50 |
| C-SCFFI 1,5/2,8X0,8 | 3240535 | 50 |
| C-SCFFI 1,5/4,8X0,5 | 3240536 | 50 |
| C-SCFFI 1,5/4,8X0,8 | 3240537 | 50 |
| C-SCFFI 1,5/6,3X0,8 | 3240538 | 50 |
| C-SCFFI 2,5/4,8X0,5 | 3240539 | 50 |
| C-SCFFI 2,5/4,8X0,8 | 3240540 | 50 |
| C-SCFFI 2,5/6,3X0,8 | 3240547 | 25 |
| C-SCFFI 6/6,3X0,8 | 3240541 | 25 |

Butt connector, fully insulated

- Conductor through connection protection
- They are electrolytically galvanized for optimum corrosion protection
- Halogen-free



Conductor cross sections from 0.5 to 6 mm²

| General data | |
|--|------|
| Material / coating | |
| Plastic sleeve material | |
| Temperature range | [°C] |
| Flammability rating in accordance with UL 94 | |

ERIC

| Technical data | |
|--|--------------------------|
| Material / coating | CU / electrogalvanized |
| Plastic sleeve material | Polyamide / halogen-free |
| Temperature range | -20 ... 105 |
| Flammability rating in accordance with UL 94 | V2 |

| Description | Cross section | | Color | Dimensions [mm] | | | | | | |
|----------------------------------|--------------------|---------|--------|-----------------|-------|---|------|---|---|------|
| | [mm ²] | AWG | | a | b | c | d | e | f | g |
| Butt connector, insulated | 0.5 - 1.5 | 20 - 16 | red | - | 25.00 | - | 4.00 | - | - | 0.75 |
| | 1.5 - 2.5 | 16 - 14 | blue | - | 25.30 | - | 4.50 | - | - | 0.80 |
| | 4 - 6 | 12 - 10 | yellow | - | 27.50 | - | 6.50 | - | - | 1.00 |

| Ordering data | | |
|---------------|-----------|-----------|
| Type | Order No. | Pcs./Pkt. |
| C-JCI 1,5 | 3240061 | 50 |
| C-JCI 2,5 | 3240062 | 50 |
| C-JCI 6 | 3240063 | 25 |

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