



THE TOOL fox



TOOL fox

The right tool for every application



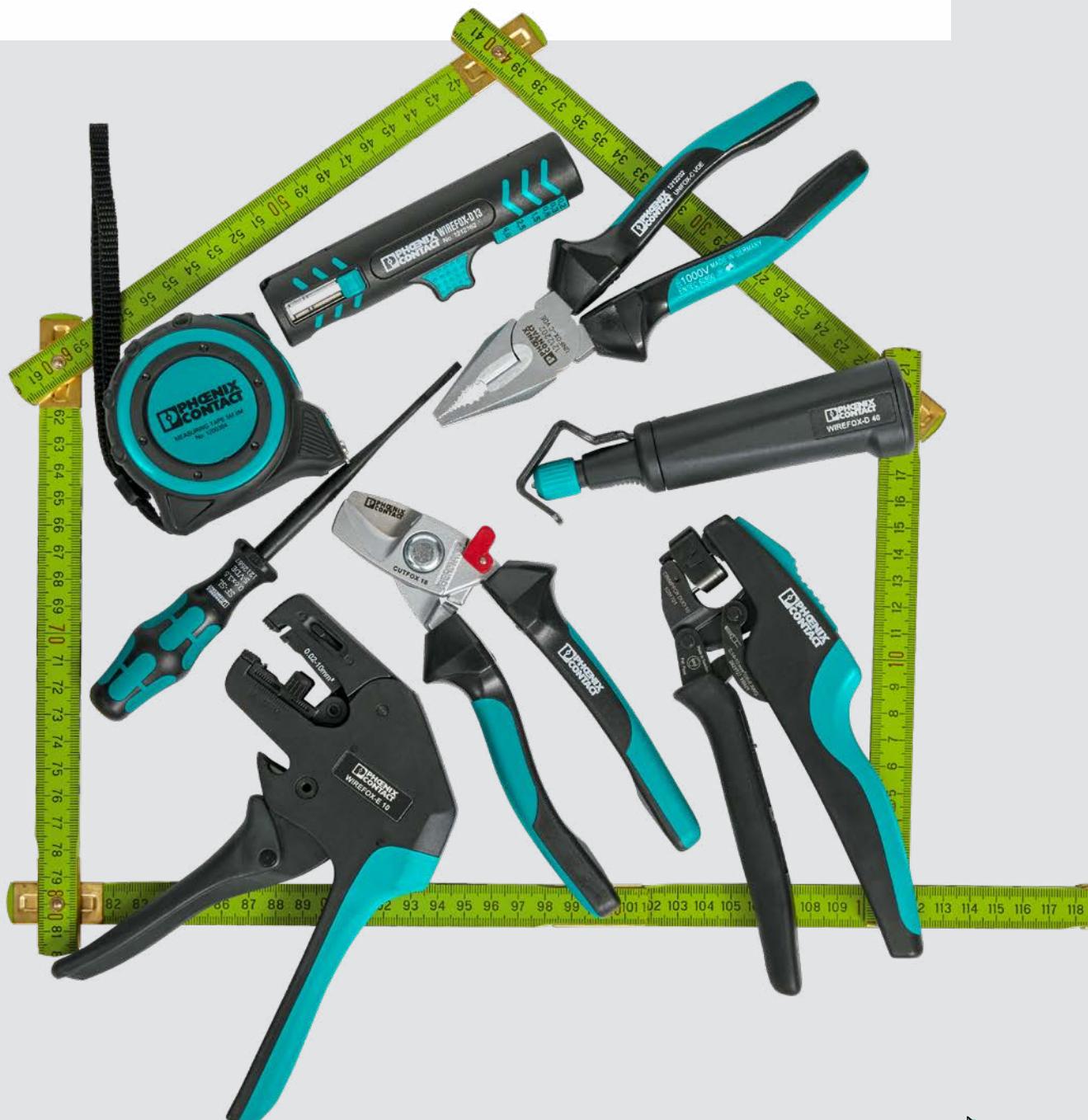
TOOL fox

Superior tool quality from the experts

We understand our customers' concerns regarding the entire process chain and beyond.

We ensure the dependability and high performance of our tools through highly specialized manufacturing processes with highly skilled employees.

Phoenix Contact tools will impress you with their innovative solutions for your applications, as well as their precise and durable usage characteristics. The key feature of a professional tool is that you enjoy working with it! The excellent feel and ergonomics of the design and functionality guarantee optimum efficiency and quality. These properties are perfectly combined in all tools from Phoenix Contact.



TOOL fox – the right tool for every application

Phoenix Contact offers a full range of professional processing and measuring tools for any electrical engineering application. These tools for cutting, stripping, crimping, and screwing, are easy to handle and of the highest quality. Semi-automatic cutting, stripping, and crimping devices can

also be used to increase your shop floor productivity.

High-quality results can only be achieved with professional tools, and the TOOL fox line delivers quality with precision, durability, and effectiveness.

Quality that you can feel

Phoenix Contact tools are made from high-quality components.

Find out for yourself:

- Ergonomically designed handles
- Low manual force with optimized leverage
- Specially hardened tool steels
- Consistent high processing quality, even with continuous use



Your advantages

- ✓ Durable, high-quality components and materials
- ✓ Functional and flexible
- ✓ Semi-automatic devices provide increased efficiency
- ✓ Comprehensive product range with everything from a single source
- ✓ Limited Lifetime Warranty on non-wearable parts



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Cutting

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

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

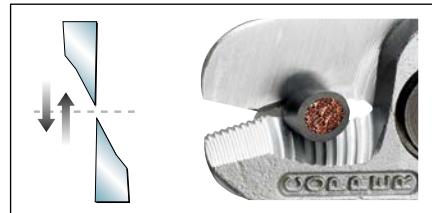
When it comes to cutting conductors and cables in the cross-section range up to 1400 mm², ratchet-driven cable cutters are the solution. The drives keep the required manual force to a minimum.

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

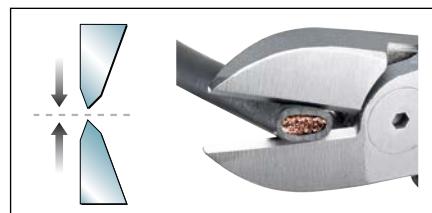
move toward and past one another and cut (shear) the material without burring.

Bite cutting involves two wedge-shaped blades that move toward one another to cut the material. The wedge angle set for the blades is deliberately large and, therefore, stable. In addition to the hardening of the entire tool, the cutting area is subsequently hardened again inductively to 62 HRC. This makes it possible to sever even extremely hard materials, such as piano wire and spring steel with a tensile strength of up to 2300 N/ mm², without damaging the tool. Bite cutting is suitable to a limited extent for cutting through cables and lines.

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



Shear cutting



Bite cutting

Stripping

Stripping is the next step in wire processing to create a reliable crimp connection.

Stripping is used as a generic term to describe the removal of insulation from conductors up to 6 AWG. Dismantling describes the stripping process for large conductor cross-sections and multi-strand or multilayered conductors and cables.

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

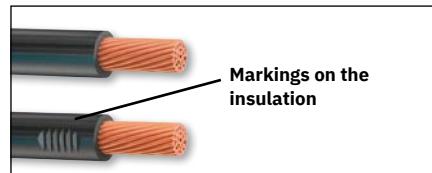
When removing insulation, you must make sure that neither the single wires inside nor the braided shield are damaged. The remaining insulation must not be damaged by the grip pressure, although pressure points on and color changes in the

insulation material are permitted.

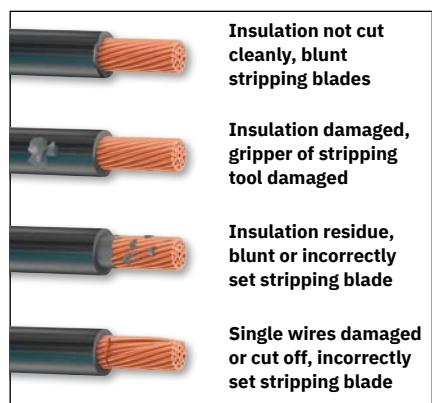
Further faults that need to be prevented are stipulated in DIN IEC 60352.

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

In order to meet these requirements, we recommend using Phoenix Contact's self-adjusting wire stripping hand tools or semi-automatic devices.



Correctly stripped cable according to
DIN IEC 60352



Stripping errors according to DIN IEC 60352

Crimping, pressing, crushing

Crimping describes the joining of a contact and conductor mechanically.

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

- Crushing for insulated cable lugs
- Pressing, for ferrules, uninsulated cable lugs, and similar enclosed connectors

If slip-on blade connectors are being processed, for example, this is called crimping.

A number of important points must be considered in order to establish a reliable connection between the contact and conductor.

- The conductor must be processed correctly
- The conductor and the contact must be compatible
- The conductor must be positioned correctly in the contact
- A suitable crimping tool must be selected
- The conductor and contact must be placed in the designated die nest of the pliers

Professional crimping pliers are always equipped with a releasing pressure lock. They unlock as soon as the required crimping pressure is reached, therefore ensuring sufficient pressure is applied. This guarantees the user a constant crimping result with maximum pull-out values.

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

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

All tools in the CRIMPFOX series from Phoenix Contact have been adjusted and tested according to the applicable standards. These tools ensure long-term, stable, gas-tight crimping and the sophisticated mechanical design reduces the manual force required by 25 percent.

Gas tightness

Gas tightness – test setup in accordance with DIN 50018

The key role of the metal parts of electrical connections becomes particularly apparent in aggressive environments. Corrosion-free contact areas are a prerequisite for low-resistance, and, therefore, high-performance connections.

This test method describes a corrosion test in condensation climates with an atmosphere that contains sulfur dioxide. Acidic compounds with a pH of less than 7 form during the test and attack the metal surfaces.

Two liters of distilled water and one liter of SO₂ gas are introduced into the test chamber. At a test temperature of 40°C, sulfuric acid forms during the test. After eight

hours of testing, the test objects dry for 16 hours with the door open. At the end of the test, a visual check of the test objects is conducted. Before and after the corrosion test, the contact resistance of the contacts is recorded according to DIN EN 60512-2-1:2002, and changes that can be attributed to the effects of corrosion are investigated.

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



The voltage drop must not exceed 3.2 mV before or after the test, nor may it exceed 1.5 times the value measured at the start of the test.

CUTFOX/UNIFOX

Cutting and universal tools

The perfect cable cutter for every application. The CUTFOX line provides clean cuts without squeezing the cable, non-slip handles, special hardened steel, and unique cutting-edge geometry. A variety of versions are available for cutting cables up to 4" in diameter.

With a wide variety of tools suitable for different applications, the UNIFOX line of universal tools serves multiple functions, including wire tying and wire duct cutting. The product range includes VDE combination pliers, water pump pliers, wrenches, VDE needle-nose, flat-nose, and round-nose pliers, all featuring non-slip, ergonomically designed handles.

Effortless clean results

Cleanly cut cables with minimal effort using the CUTFOX line of cutting tools.

The UNIFOX versatile tools combine a variety of functions so you can always have the right tool for the job.

- ✓ Durable, with specially hardened and tempered blades
- ✓ Optimized leverage and cutting geometry for ease of use
- ✓ Ergonomic handle design for low-impact, fatigue-free use



Maximum force transmission

With the ratchet mechanism design, minimal force is required for cables up to 100mm in diameter.



Ergonomic design

Wire tie guns cut wire ties in a single step once the tension force is reached, and the remaining wire tie is automatically severed for a flush finish.



VDE-tested safety

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



CUTFOX cutting tools

Cable cutters

<p>Thanks to their special cutting geometry, the cable cutters ensure optimum cutting results. The ergonomic design of the handles makes for light work.</p>				
	Type Diameter (cross-section)	CUTFOX-ES 1212621	CUTFOX-ES-1 1139721	CUTFOX-MPS 1139725
<p>For Kevlar fibers/braided shield 1.5 mm² (solid conductor) 6 mm² (stranded conductor)</p>			Cut up to 8 AWG, jacket removal up to 2 AWG	Cut plastic sheets and cardboard
<p>Type Diameter (cross-section)</p> <p>The cable cutters meet the applicable VDE standards and are therefore safe, even if live conductors and cables are cut.</p>	CUTFOX 12 1212128	CUTFOX 18 1212129	CUTFOX SE 1212832	
	Up to 12 mm Ø (up to 35 mm ²)	Up to 18 mm Ø (up to 50 mm ²)	Diagonal cutter, angled design, 180 mm	
	1000 V AC/ 1500 V DC	1000 V AC/ 1500 V DC	1000 V AC/ 1500 V DC	1000 V AC/ 1500 V DC
<p>Type Diameter (cross-section)</p>	CUTFOX 16 VDE 1212126	CUTFOX 25 VDE 1212127	CUTFOX-LB VDE 1212527	CUTFOX-SE LM 1212833
	1.5 mm ² (solid conductor) 6 mm ² (stranded conductor) Up to 16 mm Ø (up to 50 mm ²)	Up to 25 mm Ø (up to 70 mm ²)	Up to 50 mm Ø (up to 6 x 16 x 0.8 mm)	Electricians, diagonal cutter, angled design, with stripping, crimping, and bending function. Screw pincers up to M3.5/M4, 180 mm

Ratchet cable cutters

<p>One- and two-hand ratchet cable cutters feature ratchet function for minimum effort and are unlockable for cutting copper and aluminum up to 100 mm in diameter (1400 mm²) without crushing.</p>				
	Type Diameter (cross-section)	CUTFOX 25 1212130 Up to 25 mm Ø (up to 185 mm ²)	CUTFOX 35 1212131 Up to 35 mm Ø (up to 300 mm ²)	CUTFOX 45 1212132 Up to 45 mm Ø (up to 300 mm ²)
<p>Our ratchet cable cutters are ideal for long-term use due to their sturdy design.</p>				
	Type Diameter (cross-section)	CUTFOX 52 1212133 Up to 52 mm Ø (up to 300 mm ²)	CUTFOX 62 1212134 Up to 62 mm Ø (up to 750 mm ²)	CUTFOX 100 1212135 Up to 100 mm Ø (up to 1400 mm ²)
<p>The CUTFOX 50 STEEL is also suitable for steel-armored cables and stranded steel rope.</p>				
	Type Diameter (cross-section)		CUTFOX 50 STEEL 1212526 Up to 50 mm Ø (up to 300 mm ²)	

CUTFOX cutting tools

VDE diagonal cutters

The VDE-insulated diagonal cutters, with their inductively hardened precision cutting, ensure long-term, stable cutting performance and, therefore, a clean cut for both soft and hard wires (piano wire).



Type	Order No.	CUTFOX-S VDE*	1212207	CUTFOX-SP VDE*	1212206	CUTFOX SP Bolt VDE	1212831
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Special cutting tools

The CUTFOX FBS cutting tool is suitable for cutting out individual bars from FBS... jumpers from the CLIPLINE complete modular terminal block range.

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



Type	Order No.	CUTFOX-FBS	1212124	CUTFOX-FB	1205985
Cutting capacity		FBS...jumpers 4 to ... 8 and EB... insertion bridges		FBI fixed bridges 10 - 6 ... FBI 10 - 12 mm ²	

Profile cutting tools

PPS BASIC I/M is a lightweight profile cutter.

PPS STANDARD... and PPS CLASSIC... can be fitted with two stamping bits for round and elongated holes. The PPS CLASSIC, with its quick-change mechanism, is the best choice if hole formats are changed on a frequent basis.



Type	Order No.	PPS BASIC I/M 1207585	PPS STANDARD I/M 1206230	PPS CLASSIC I/M 1206256	PPS COMPACT 1104980
		With inch/metric measuring rail	With inch/metric measuring rail	With inch/metric measuring rail	
Type	Order No.				PPS COMPACT/ CLAMP 1105212
Type	Order No.				PPS COMPACT/ SCALE-SET I/M 1105211
Description		For standard DIN rails NS15 / NS 35/7,5 / NS 35/15 / NLS-CU 3/10	Each for standard DIN rails NS15 / NS 32 / NS 35/7,5 / NS 35/15 NLS-CU 3/10 and two hole punches	Each for standard DIN rails NS15 / NS 32 / NS 35/7,5 / NS 35/15 NLS-CU 3/10 and two hole punches	

Accessories

Stamping bit for elongated holes

3.5 x 12 mm	PPS-ST (3,5x12)L	1203563
4.5 x 12 mm	PPS-ST (4,5x12)L	1203534
5.5 x 12 mm	PPS-ST (5,5x12)L	1202603
6.5 x 15 mm	PPS-ST (6,5x15)L	1202593

Stamping bit for cross holes

3.5 x 12 mm	PPS-ST (3,5x12)Q	1203550
4.5 x 12 mm	PPS-ST (4,5x12)Q	1203547
5.5 x 12 mm	PPS-ST (5,5x12)Q	1203411
6.5 x 15 mm	PPS-ST (6,5x15)Q	1203408

Stamping bit for bore holes

3.8 mm Ø	PPS-ST (3,8)	1204892
4.3 mm Ø	PPS-ST (4,3)	1202616
5.3 mm Ø	PPS-ST (5,3)	1202629
6.4 mm Ø	PPS-ST (6,4)	1202632
7.0 mm Ø	PPS-ST (7,0)	1204889
8.4 mm Ø	PPS-ST (8,4)	1202726

Hydraulic cylinder

For connection to an existing hydraulic system	PPS HYDRAULIC CYL 1208924
Operating pressure: 160 - 220 bar	Only for PPS STANDARD

Single-action with spring reset, G1/4 inch connection thread
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UNIFOX universal tools

Cable duct cutters

The cable duct cutters can easily cut through ducts and covers up to 75 mm wide. The universal limit stop allows you to make both right-angled and bevel cuts.

The PPS-CD M cable duct cutter cuts ducts and covers up to 125 mm wide and 2.5 mm thick, without burring, in seconds.



Type	Order No.	Cutfox -CD	1212474	PPS CD M	1207569	
Accessories						
Replacement blade				PPS CD BLADE	1207572	
Replacement counter support				PPS CD M COHO	1208995	

With laminated wood panel 700 x 1200 x 50 mm

VDE combination pliers, water pump pliers

VDE-insulated combination pliers are available in a straight or angled form and are ideal for gripping surfaces. The pliers feature an integrated M8-M10 ring key and blade, rapid adjustment and wrench sizing, and a groove joint ideal for gripping surfaces with dual notching.



1000 V AC/
1500 V DC



1000 V AC/
1500 V DC



Type	Order No.	UNIFOX-C VDE*	1212202	UNIFOX-CE VDE*	1212203	UNIFOX-WP	1212365	UNIFOX-Wrench	1212835
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VDE needle-nose, flat-nose, and round-nose pliers

The VDE-insulated needle-nose pliers are available with straight and 45° angled tips. The gripping surfaces are notched, and the integrated blades are hardened inductively.



1000 V AC/
1500 V DC



1000 V AC/
1500 V DC



1000 V AC/
1500 V DC

Type	Order No.	UNIFOX-P VDE	1212204	UNIFOX-PC VDE	1212205	UNIFOX-PE VDE*	1212529		
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The gripping surfaces of the flat-nosed and round-nose pliers are finely notched in order to grip workpieces securely without damaging them.



1000 V AC/
1500 V DC



1000 V AC/
1500 V DC

Type	Order No.	UNIFOX-F VDE	1212363	UNIFOX-R VDE	1212364				
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* Optimally positioned fulcrums require only a small amount of manual force when using these tools.

UNIFOX universal tools

Contact removal and assembly tools

Contact removal tools are designed for turned contacts, and contact assembly tools are designed for crimp contacts.



Type	Order No.	UNIFOX RT-CK 1.6 1072069	UNIFOX RT-CK 2.5 1072067	UNIFOX RT-CK 4.0 1072064	UNIFOX MT-CK 1.6/2.5 1089092
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Blind rivet pliers

The UNIFOX-RVT P rivet setting tools are designed for plastic body-bound rivets.



Type	Order No.	UNIFOX RVT P 4 1212478	UNIFOX RVT P 6 1212509	RVT-PA 4 RVT-PA 6 3240498 3240499
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Wire tie guns

Tension and cut cable binders in one step with these ergonomic tools for plastic and stainless-steel cable binders. The continuously adjustable tension force is indicated by a scale in the handle area. When the tension force is reached, the remainder is automatically severed for a flush finish.



Type	Order No.	UNIFOX-CT 4,8 1212475	UNIFOX-CT 4,8P 1212609	UNIFOX-CT M 7,9 1212610
Description		For plastic cable binders up to 4.8 mm wide	For plastic cable binders up to 4.8 mm wide	For stainless-steel cable binders up to 7.9 mm wide

WIREFOX

Stripping tools

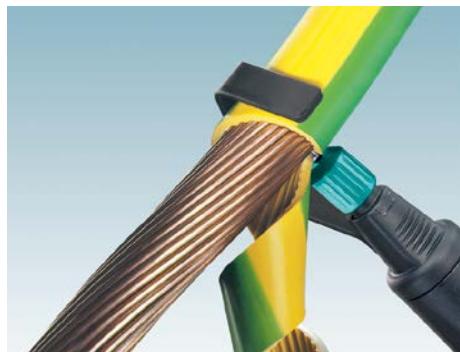
Wire stripping and dismantling tools for a spectrum of wire and cable insulations.

The WIREFOX line features hardened blades with special geometries, integrated cutters, and self-adjustment for a defined range of AWGs. These industrial wire stripping tools are safe to touch with no sharp edges and impress with their ergonomic properties.

Effortless clean results

Process all types of conductors with standard or special insulation quickly and safely.

- Easily replaceable blade cassettes provide simple versatility
- Ergonomic handle design provides fatigue-free and nonslip handling
- Durable, high-quality components and materials



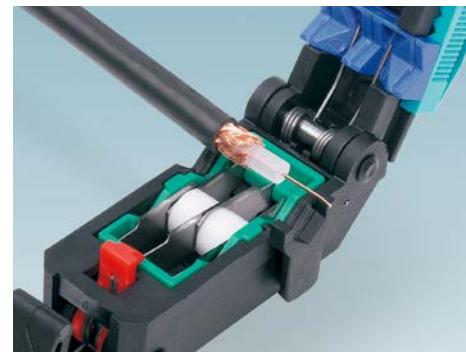
Precise and safe stripping

The WIREFOX stripping tools can strip all types of conductors and cables quickly, precisely, and reliably. Appropriate tools are also available for special types of insulation.



Easy blade replacement

The design of the pliers allows blade cassettes to be replaced easily, which means that special types of insulation can be processed using a standard tool.



Multistage stripping

The CUTFOX-D CX stripping tools enable multistage stripping of data and round cables in a single step. The cable remains undamaged with the central fine adjustment of the stripping blade.



WIREFOX stripping tools

Stripping pliers for conductors and cables

<p>WIREFOX stripping tools feature an automatic adjustment mechanism for a wide range of insulation types and conductor diameters. Particularly useful are the integrated wire cutter and adjustable limit stop for the stripping length. Replaceable, interchangeable stripping blades make this wire stripping tool compatible with a wide range of wires.</p>	 FLAT BLADE	 FLAT BLADE	 OVAL BLADE	
	Type Conductor / cable [mm ²] / AWG	WIREFOX 10 1212150	WIREFOX-E 10 1212706	WIREFOX 16 1212155
	Strip length up to ... [mm]	0.02 – 10 / 34 – 8	0.02 – 10 / 34 – 8	4 – 16 / 12 – 5
	Insulation type	18	18	18
	Max wire cutter diameter stranded [mm ²] / AWG	Standard	Standard	Standard
	Max wire cutter diameter solid [mm ²] / AWG	10 / 8 1.5 / 16	10 / 8 1.5 / 16	10 / 8 1.5 / 16
Accessories				
Replacement blade	WIREFOX 10/SB	1212152	WIREFOX 10/SB	1212152
Clamping jaws	WIREFOX 16/CJ	1200286	WIREFOX 10/CJ	1200286
The dies are compatible with all types of pliers and can be replaced in just a few steps. Basic pliers can therefore be used to cover a range of applications.	 OVAL BLADE	 V-BLADE	 V-BLADE	
Type Conductor / cable [mm ²] / AWG	WIREFOX-E 16 1212707		WIREFOX 4 1212156	WIREFOX-E 4 1212704
Strip length up to ... [mm]	4 – 16 / 12 – 5		0.1 – 4 / 28 – 12	0.1 – 4 / 28 – 12
	18		18	18
Insulation type	Standard		Special insulation, e.g., PTFE	Special insulation, e.g., PTFE
Max wire cutter diameter stranded [mm ²] / AWG	10 / 8		10 / 8	10 / 8
Max wire cutter diameter solid [mm ²] / AWG	1.5 / 16		1.5 / 16	1.5 / 16
Accessories				
Replacement blade	WIREFOX 16/SB	1212153	WIREFOX 4/SB	1212151
Clamping jaws	WIREFOX 16/CJ	1200286	WIREFOX 16/CJ	1200286
	 V-BLADE	 V-BLADE	 FLAT BLADE	
Type Conductor / cable [mm ²] / AWG	WIREFOX 6SC 1212158		WIREFOX-E 6SC 1212705	WIREFOX 2,5 1212368
Strip length up to ... [mm]	1.5 – 6 / 16 – 10		1.5 – 6 / 16 – 10	0.08 – 2.5 / 28 – 14
	18		18	15
Insulation type	Short-circuit-proof		Short-circuit-proof	Standard
Max wire cutter diameter stranded [mm ²] / AWG	10 / 8		10 / 8	10 / 8
Max wire cutter diameter solid [mm ²] / AWG	1.5 / 16		1.5 / 16	1.5 / 16
Accessories				
Replacement blade	WIREFOX 6SC/SB	1212314	WIREFOX 6SC/SB	1212314
Replacement limit stop				WIREFOX 2,5/SB 1212369
Clamping jaws	WIREFOX 16/CJ	1200286	WIREFOX 16/CJ	WIREFOX 2,5/WS 1212370
				WIREFOX 16/CJ 1200286

Stripping pliers for sensor/actuator cables

<p>The WIREFOX SAC is suitable for safely stripping sensor/actuator (SAC) and similar cables. The specially shaped blade geometries prevent damage to the conductors inside.</p>				
	Type Order No.	WIREFOX 16-1 1212157	WIREFOX SAC 1212623	WIREFOX SAC-1 1212757
	Conductor / cable diameter [mm]	6 - 16 mm ² / AWG: 10 - 6	4.4 – 7 / AWG: 12 - 10	3.2 – 4.4 / AWG: 12 - 10
	Stripping length up to ... [mm]	Any	Any	Any
	Insulation type	Standard	SAC cables	SAC cables
Accessories				
Replacement blade	WIREFOX 16-1/SB 1204944	WIREFOX SAC/SB 1200282	WIREFOX SAC-1/SB 1200283	WIREFOX ASI/SB 1208076
				WIREFOX FC/SB 1200284

WIREFOX stripping tools

VDE stripping pliers

The WIREFOX-MP VDE is a multifunctional tool that is suitable for both stripping and dismantling indoor installation cables, e.g., NYM. The VDE-insulated stripping pliers can be used to strip conductors up to 10 mm². The adjusting screw with locking nut ensures consistent stripping quality in standard production.



1000 V AC/
1500 V DC



1000 V AC/
1500 V DC



Type	Order No.	WIREFOX-MP VDE	1212528	WIREFOX 10 VDE	1212366	WIREFOX-D SHIELD	1212172
Conductor / cable	[mm ²] / AWG	0.2 – 10 / 24 – 8		0.2 – 10 / 24 – 8			
Stripping length up to ...	[mm]			20			
Insulation type		Standard		Standard			

Stripping tools for dismantling

The WIREFOX-D 11 dismantling tool strips single and multi-strand signal, control, and fiberglass cables up to 11 mm in diameter. The WIREFOX-D SR 6 is ideal for use with MC 3,4 and SOLAROK contacts, while the WIREFOX-D SR 6-1 is suitable for SUNCLIX field plugs.



Type	Order No.	WIREFOX-D 11	1212160	WIREFOX-D SR 6	1212507	WIREFOX-D 13	1212162
				WIREFOX-D SR 6-1	1212511		
				WIREFOX-CX 6,35	1212733		
Conductor/cable diameter	[mm]	2.5 – 11				8 – 13	
Max. insulation thickness	[mm]	1.0				–	
Conductor	[mm ²]			2.5 – 6 / RG 59 and RG 6			
Stripping length	[mm]	Any		8.5 / 15 / 6.35			
Replacement blade		WIREFOX-D 11/SB	1212312				

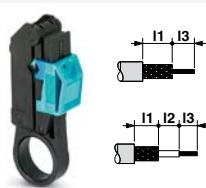
The WIREFOX-D 40 stripping tool is used to strip cables up to 40 mm in diameter professionally and safely. The swivel blade can be used to make cuts around, lengthwise, or spiral down the cable.



Type	Order No.	WIREFOX-D 40	1212161	WIREFOX-D 16	1212173
				WIREFOX-D 28	1212174
Conductor/cable diameter	[mm]	4.5 – 40		4 – 16, 8 – 28	
Max. insulation thickness	[mm]	4.5		–	–

Stripping tools for multistage dismantling of coaxial cables

The WIREFOX-D CX... stripping tools allow you to easily perform multistage stripping of data and round cables in a single step. The cable remains undamaged due to the central fine adjustment of the stripping blade. The blade cassettes are compatible with the respective tool.



Type	Order No.		Accessories - replacement blade
2-stage/strip-off dimension l1 = 6.0 mm		WIREFOX-D CX-1	1212163
2-stage/strip-off dimension l1 = 9.2 mm		WIREFOX-D CX-2	1212164
2-stage/strip-off dimension l1 = 12 mm		WIREFOX-D CX-3	1212165
2-stage/strip-off dimension l1 = 6.8 mm		WIREFOX-D CX-4	1212166
3-stage/strip-off dimension l1 = 5.5 mm and l2 = 5.5 mm		WIREFOX-D CX-5	1212167
3-stage/strip-off dimension l1 = 2.7 mm and l2 = 8.3 mm		WIREFOX-D CX-6	1212168
3-stage/strip-off dimension l1 = 6.0 mm and l2 = 6.0 mm		WIREFOX-D CX-7	1212169
3-stage/strip-off dimension l1 = 2.5 mm and l2 = 6.8 mm		WIREFOX-D CX-8	1212170
3-stage/strip-off dimension l1 = 3.5 mm and l2 = 7.5 mm		WIREFOX-D CX-9	1212171
		WIREFOX-D CX-1/SB	1212303
		WIREFOX-D CX-2/SB	1212304
		WIREFOX-D CX-3/SB	1212305
		WIREFOX-D CX-4/SB	1212306
		WIREFOX-D CX-5/SB	1212307
		WIREFOX-D CX-6/SB	1212308
		WIREFOX-D CX-7/SB	1212309
		WIREFOX-D CX-8/SB	1212310
		WIREFOX-D CX-9/SB	1212311

CRIMPFOX

Crimping tools

An extensive series of innovative, industrial crimping pliers, the CRIMPFOX line features a special power transmission method that reduces the amount of manual force required by 25 percent. Optimized hand geometry and integrated pressure locking ensures solid, high-quality results. The portfolio offers a variety of handle sizes to ensure the right fit, and Phoenix Contact ferrule crimpers used with our ferrules are UL Listed.

Professional crimping

Mechanical crimping pliers can be used to crimp all types of contacts safely and effortlessly.

- Interchangeable dies allow maximum flexibility
- Ergonomic handle design with nonslip material for easy handling
- Durable, high-quality components and raw materials



Professional crimping

Depending on the area of application, you can choose between tools with lateral or front crimp entry.



High-quality crimping

Precise dies and an integrated pressure lock ensure long-term, stable, gastight crimping. The pressure lock makes certain that the crimp cycle is carried out in full. If required, it can be unlocked with one hand.



Flexibility

Rotating crimping pliers with front or side entry enable flexibility and comfort, whether working at a workstation or directly inside a cabinet.



PHOENIX
CONTACT

CRIMPFOX DUO 16S
1202877

0,14-16 mm²/26-6 AWG
G817197 921109

Made in Sweden
Pat. Pend



Overview of crimping tools for ferrules, connectors, and more

Ferrules for insulated and uninsulated contacts

Crimping tool designation	Order No.	Conductor cross-section [mm ²]	Conductor cross-section [AWG]	Page
CRIMPFOX 2,5-M	1212719	0.25 – 2.5	24 – 14	20
CRIMPFOX 6	1212034	0.25 – 6	24 – 10	20
CRIMPFOX 6-M	1212720	0.25 – 6	24 – 10	20
CRIMPFOX 10	1212721	4 – 10	12 – 8	20
CRIMPFOX 25R	1212039	10 – 25	8 – 4	20
CRIMPFOX 50R	1212041	35 – 50	2 – 1	20
CRIMPFOX DUO 10	1031721	0.14 – 10	24 – 8	20
CRIMPFOX DUO 16S	1202877	0.14 – 16	26 – 6	20
CRIMPFOX 10T-F	1134913	0.14 – 10	24 – 8	20
CRIMPFOX CENTRUS 10S	1213154	0.14 – 10	24 – 8	20
CRIMPFOX CENTRUS 10H	1213156	0.14 – 10	24 – 8	20
CRIMPFOX 4in1	1200101	0.5 – 2.5	20 – 14	20

Cable lugs and connectors

Crimping tool designation	Order No.	Conductor cross-section [mm ²]	Conductor cross-section [AWG]	Page
CRIMPFOX-RCI 1	1212055	0.14 – 1	26 – 18	21
CRIMPFOX-RCI 1-M	1212727	0.14 – 1	26 – 18	21
CRIMPFOX-RCI 2,5	1212053	0.75 – 2.5	20 – 14	21
CRIMPFOX-RCI 2,5-M	1212728	0.75 – 2.5	20 – 14	21
CRIMPFOX-RCI 6	1212057	0.75 – 6	20 – 10	21
CRIMPFOX-RCI 6-M	1212730	0.75 – 6	20 – 10	21
CRIMPFOX-RCI DIN 6	1212729	0.75 – 6	20 – 10	21
CRIMPFOX-RCI 6-1	1212059	0.75 – 6	20 – 10	21
CRIMPFOX-HS 6	1212722	0.5 – 6	20 – 10	21

Uninsulated cable lugs

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

Uninsulated slip-on sleeves

Crimping tool designation	Order No.	Conductor cross-section [mm ²]	Conductor cross-section [AWG]	Page
CRIMPFOX-SC 1,5	1212048	0.1 – 1.5	26 – 16	23
CRIMPFOX-SC 1,5-M	1212725	0.1 – 1.5	26 – 16	23
CRIMPFOX-SC 6L	1212052	0.5 – 6	22 – 10	23
CRIMPFOX-SC 6	1212050	0.5 – 6	22 – 10	23
CRIMPFOX-SCA 2,5-M	1212726	1 – 2.5	18 – 14	23

Turned contacts

Crimping tool designation	Order No.	Conductor cross-section [mm ²]	Conductor cross-section [AWG]	Page
CRIMPFOX-TC HC 4	1297083	0.5 – 4	22 – 12	23
CRIMPFOX-TC HC 10	1314533	4 – 10	12 – 8	23
CRIMPFOX-TC MP	1212510	0.08 – 2.5	28 – 14	23

Overview of crimping tools for ferrules, connectors, and more

Coaxial and fiber-optic connectors



Crimping tool designation	Order No.	Hex wrench width across flats [mm]	Page
CRIMPFOX-FO 5,41	1212099	3.25 / 3.84 / 4.52 / 5.0 / 5.41	23
CRIMPFOX-CX 4,52	1212094	1.69 / 3.25 / 4.52	24
CRIMPFOX-CX 6,48	1212095	1.69 / 5.41 / 6.48	24
CRIMPFOX-CX 9,14	1212096	1.73 / 8.23 / 9.14	24
CRIMPFOX-CX 10,54	1212097	2.54 / 10.54	24
CRIMPFOX-CX 10,90	1212098	2.54 / 10.90	24
CRIMPFOX-CX 4,52-M	1212713	1.69 / 3.25 / 4.52	24
CRIMPFOX-CX 5,41-M	1212712	0.7 / 1.07 / 1.69 / 3.25 / 4.52 / 5.41	24
CRIMPFOX-CX 6,48-M	1212714	1.69 / 5.41 / 6.48	24
CRIMPFOX-CX 7,06 HD-M	1212718	1.04 / 4.52 / 6.48 / 7.06	24
CRIMPFOX-CX 10,90-1	1212715	1.69 / 2.54 / 5.41 / 10.90	24

D-SUB contacts



Crimping tool designation	Order No.	Conductor cross-section [mm ²]	Conductor cross-section [AWG]	Page
CRIMPFOX-DSUB 5	1212111	0.08 – 0.5	28 – 22	25
CRIMPFOX-DSUB 5-1	1212711	0.05 – 0.5	30 – 22	25

Crimp snap-in contacts



Crimping tool designation	Order No.	Conductor cross-section [mm ²]	Conductor cross-section [AWG]	Page
CRIMPFOX MT 2,5	1204038	0.5 – 2.5	20 – 12	25

Solar connectors



Crimping tool designation	Order No.	Conductor cross-section [mm ²]	Conductor cross-section [AWG]	Page
CRIMPFOX-SR 6-1	1212467	2.5 – 6	14 – 10	25
CRIMPFOX-SR 6-2	1212468	2.5 – 6	14 – 10	25
CRIMPFOX-SR 6-3	1212469	2.5 – 6	14 – 10	25

Coaxial CATV connectors



Crimping tool designation	Order No.	Conductor	Page
CRIMPFOX-CATV 8,23	1212716	1.69 / 8.23	26
CRIMPFOX-CATV 8,23-1	1212717	6.65 / 8.23 / 9.70	26

Data plug



Crimping tool designation	Order No.		Page
CRIMPFOX-C D	1212734		26

CRIMPFOX crimping tools



Crimping pliers for ferrules

<p>The self-adjusting die of the crimping pliers automatically adapts to the size of the connector and impresses with its quick and reliable contact processing method.</p>				
Type	Order No.	CRIMPFOX 6 1212034	CRIMPFOX 2,5-M 1212719	CRIMPFOX 6-M 1212720
Conductor	[mm ²] / AWG	0.25 – 6 / 24 – 10	0.25 – 2.5 / 24 – 14	0.25 – 6 / 24 – 10
Accessories	Replacement die	CRIMPFOX 6/DIE 1212035	CRIMPFOX/SPR-1 1212069	
	Replacement recuperating spring	CRIMPFOX/SPR-3 1212036		
<p>The CRIMPFOX pliers are equipped with a pressure lock (unlockable). The innovative design and ergonomically shaped handles reduce the amount of force required.</p>				
Type	Order No.	CRIMPFOX 10T-F 1134913	CRIMPFOX 4in1 Tool only 1200101 4in1 set 1200102	CRIMPFOX DUO 10 1031721
Conductor	[mm ²] / AWG	0.14 – 10 / 26 – 8	0.5 – 25 / 20 – 14	0.14 – 16 (2 x 0.5 – 2 x 6) / 26 – 6 (2 x 20 – 2 x 10) 0.14 – 10 (2 x 0.5 – 2 x 4) / 26 ... 8 (2 x 20 – 12)
Accessories	Replacement recuperating spring	CRIMPFOX/SPR-1 1212069		
<p>These compact crimping pliers are designed to reduce effort with a built-in ratcheted mechanism to ensure a proper and complete crimp. The handles provide a comfortable ergonomic fit and a nonslip pressure point. The self-adjusting dies automatically adapt to the cross-section. 'S' = square crimp profile 'H' = hexagonal crimp profile</p>				
Type	Order No.	CRIMPFOX Centrus 6S 1213144	CRIMPFOX Centrus 10S 1213154	CRIMPFOX Centrus 6S-NC 1202882
Conductor	[mm ²] / AWG	0.14 – 6 / 24 – 10	0.14 – 10 / 24 – 8	NO COVER HANDLE 1202880
Accessories	Replacement die	CRIMPFOX/SPR-2 21212047	CRIMPFOX/SPR-2 21212047	CRIMPFOX Centrus 6H-NC 1202883
				0.14 – 6 / 24 – 10
<p>These crimping pliers are used to process ferrules up to 50 mm². The ergonomically designed handles and the optimized mechanical transmission ensure an optimum grip and reduce the amount of force required by 25%.</p>				
Type	Order No.	CRIMPFOX 10 1212721	CRIMPFOX 25R 1212039	CRIMPFOX 50R 1212041
Conductor	[mm ²] / AWG	4 – 10 / 12 – 8	10 – 25 / 8 – 4	35 – 50 / 2 – 1
Accessories	Replacement die	CRIMPFOX 25R/DIE 1212040		CRIMPFOX 50R/DIE 1212042
	Replacement recuperating spring	CRIMPFOX/SPR-1 1212069		CRIMPFOX/SPR-1 1212069

CRIMPFOX crimping tools



Crimping pliers for insulated cable lugs and connectors

The color-coded dies for the CRIMPFOX RCI pliers clearly indicate the cross-section. The precision-manufactured dies ensure consistently high levels of quality during contact processing.



Type	Order No.
Conductor	[mm ²] / AWG

CRIMPFOX-RCI 1 [1212055](#)

0.14 – 1 / 26 – 18

CRIMPFOX-RCI 2,5 [1212053](#)

0.75 – 2.5 / 20 – 14

Accessories

Replacement die [CRIMPFOX-RCI 1/DIE](#) [1212056](#)

The RCI...M crimping pliers have a compact frame and optimized leverage, with minimum actuation force.



Type	Order No.
Conductor	[mm ²] / AWG

CRIMPFOX-RCI 1-M [1212727](#)

0.14 – 1 / 26 – 18

CRIMPFOX-RCI 2,5-M [1212728](#)

0.75 – 2.5 / 20 – 14

CRIMPFOX-RCI 6-M [1212730](#)

0.75 – 6 / 20 – 10

Accessories

Replacement die

CRIMPFOX-RCI 6/DIE [1212058](#)

Even large cross-sections can be processed easily and with very little force using this series of pliers. The obligatory pressure lock ensures consistent, high-quality results every time.



Type	Order No.
Conductor	[mm ²] / AWG

CRIMPFOX-RCI 6 [1212057](#)

0.75 – 6 / 20 – 10

CRIMPFOX-RCI 6-1 [1212059](#)

0.75 – 6 / 20 – 10

CRIMPFOX-RCI DIN 6 [1212729](#)

0.75 – 6 / 20 – 10

Accessories

Replacement die

CRIMPFOX-RCI 6/DIE [1212058](#)

CRIMPFOX-RCI 6-1/DIE [1212290](#)

CRIMPFOX-RCI 6/DIE [1212058](#)

The CRIMPFOX-HS 6 is suitable for crimping shrink connectors.



Type	Order No.
Conductor	[mm ²] / AWG

CRIMPFOX-HS 6 [1212722](#)

0.5 – 6 / 20 – 10

CRIMPFOX crimping tools



Crimping pliers for uninsulated cable lugs and tubular cable lugs

<p>The CRIMPFOX RC crimping pliers are used to process uninsulated cable lugs. They have an unlockable pressure lock and marked die stations for precise processing of corresponding cross-sections.</p>					
	Type Conductor	Order No. [mm ²] / AWG	CRIMPFOX-RC 2,5 1212063	CRIMPFOX-RC 6 1212710	
<p>Accessories</p> <p>Replacement die</p>	CRIMPFOX-RC 2,5/DIE 1212064				
<p>The CRIMPFOX RC...M crimping pliers have a compact frame and optimized leverage, with minimum actuation force.</p>					
	Type Conductor	Order No. [mm ²] / AWG	CRIMPFOX-RC 2,5-M 1212723	CRIMPFOX-RC 6-M 1212724	
<p>With the CRIMPFOX RC... pliers, the actuation force required is kept to a minimum during work, even with larger cross-sections, due to the optimized leverage. The CRIMPFOX RC... and RC... M pliers have a pressure lock that can be unlocked without additional tools.</p>					
	Type Conductor	Order No. [mm ²] / AWG	CRIMPFOX-RC 10 1212061	CRIMPFOX-RC 25 1212065	
<p>Accessories</p> <p>Replacement die</p>	CRIMPFOX-RC 10/DIE 1212062				
<p>The CRIMPFOX-RCT crimping pliers are used to process standard tubular cable lugs.</p>					
	Type Conductor	Order No. [mm ²] / AWG	CRIMPFOX-RCT 25-1 1212066	CRIMPFOX-RCT 16-1 1212731	CRIMPFOX-RCT 70-1 1212732
<p>Accessories</p> <p>Replacement die</p>	CRIMPFOX-RCT 25/DIE 1212300				

CRIMPFOX crimping tools



Crimping pliers for uninsulated slip-on sleeves

The CRIMPFOX-SC... crimping pliers are used to process uninsulated slip-on blade connectors and slip-on sleeves up to 6 mm². The marked die stations enable precise processing. The CRIMPFOX-SCA 2,5-M is designed for processing angled slip-on sleeves.



Type	Order No.	CRIMPFOX-SC 1,5	1212048	Type	Order No.	CRIMPFOX-SC 1,5-M	1212725	Type	Order No.	CRIMPFOX-SCA 2,5-M	1212726
Conductor	[mm ²] / AWG	0.1 – 1.5 / 26 – 16		Conductor	[mm ²] / AWG	0.1 – 1.5 / 26 – 16		Conductor	[mm ²] / AWG	1 – 2.5 / 18 – 14	

Accessories

Replacement die	CRIMPFOX-SC 1,5/DIE	1212049					
Replacement recuperating spring	CRIMPFOX/SPR-3	1212036					

The CRIMPFOX-SC 6L is equipped with a locator as an additional positioning aid.



Type	Order No.	CRIMPFOX-SC 6	1212050	Type	Order No.	CRIMPFOX-SC 6L	1212052	
Conductor	[mm ²] / AWG	0.5 – 6 / 22 – 10		Conductor	[mm ²] / AWG	0.5 – 6 / 22 – 10		

Accessories

Replacement die	CRIMPFOX-SC 6/DIE	1212051	CRIMPFOX-SC 6/DIE	1212051			
Replacement recuperating spring	CRIMPFOX/SPR-1	1212069	CRIMPFOX/SPR-1	1212069			



Crimping pliers for turned contacts

The CRIMPFOX-TC... crimping pliers are used to process turned contacts up to 10 mm². The integrated locator enables contacts with pin diameters of 1.6, 2.5, and 4 mm to be positioned precisely in the die.



Type	Order No.	CRIMPFOX-TC HC 4	1297083	Type	Order No.	CRIMPFOX-TC HC 10	1314533	CRIMPFOX-TC MP	1212510	CRIMPFOX-TC MP-6	1202888
Conductor	[mm ²] / AWG	0.5 – 4 / 22 – 12		Conductor	[mm ²] / AWG	4 – 10 / 12 – 8		Conductor	[mm ²] / AWG	0.08 – 2.5 / 28 – 14	*requires 1142829

Accessories

Replacement die	CRIMPFOX-TC HC 4/DIE	1324130	CRIMPFOX-TC HC 10/DIE	1324135		
Replacement recuperating spring	CRIMPFOX/SPR-1	1212069	CRIMPFOX/SPR-1	1212069		



Crimping pliers for fiber optic connectors

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



Type	Order No.	CRIMPFOX-FO 5,41	1212099			
Hex wrench width across flats						

Die stations 1 / 2 / 3 / 4 / 5	[mm]	3.25 / 3.84 / 4.52 / 5.0 / 5.41			
Accessories					

Replacement die	CRIMPFOX-FO 5,41/DIE	1212294		
Accessories				

CRIMPFOX crimping tools



Crimping pliers for coaxial connectors

<p>The CRIMPFOX-CX... crimping pliers are used to process coaxial connectors. Equipped with a pressure lock, the pliers provide consistently high-quality crimping.</p> <p><i>For two- and three-stage stripping tools, see page 21.</i></p>	 	 	
Type	Order No.	CRIMPFOX-CX 4,52 1212094	CRIMPFOX-CX 6,48 1212095
Hex wrench width across flats			CRIMPFOX-CX 7,06 HD-M 1212718
Die stations 1 / 2 / 3	[mm]	1.69 / 3.25 / 4.52	1.69 / 5.41 / 6.48
Accessories			
Replacement spring		CRIMPFOX/SPR-1 1212069	CRIMPFOX/SPR-1 1212069
Replacement die		CRIMPFOX-CX 4,52/DIE 1212284	CRIMPFOX-CX 6,48/DIE 1212286
The innovative mechanical design of these pliers means that up to 25 percent less force is required compared to conventional pliers.			
Type	Order No.	CRIMPFOX-CX 9,14 1212096	CRIMPFOX-CX 10,54 1212097
Hex wrench width across flats			CRIMPFOX-CX 10,90 1212098
Die stations 1 / 2	[mm]	1.73 / 8.23 / 9.14	2.54 / 10.54
Accessories			
Replacement spring		CRIMPFOX/SPR-1 1212069	CRIMPFOX/SPR-1 1212069
Replacement die		CRIMPFOX-CX 9,14/DIE 1212293	CRIMPFOX-CX 10,54/DIE 1212291
The CRIMPFOX-CX... -M pliers have an extremely compact body.			
Type	Order No.	CRIMPFOX-CX 4,52-M 1212713	CRIMPFOX-CX 5,41-M 1212712
Hex wrench width across flats			CRIMPFOX-CX 6,48-M 1212714
Die stations 1 / 2 / 3 / 4 / 5 / 6	[mm]	1.69 / 3.25 / 4.52	0.7 / 1.07 / 1.69 / 3.25 / 4.52 / 5.41
In the case of the CRIMPFOX-CX... crimping pliers, the conductor is inserted laterally.			
Type	Order No.	CRIMPFOX-CX 10,90-1 1212715	
Hex wrench width across flats			
Die stations 1 / 2 / 3 / 4	[mm]	1.69 / 2.54 / 5.41 / 10.90	

CRIMPFOX crimping tools



Crimping pliers for D-SUB contacts

The CRIMPFOX-D SUB crimping pliers with integrated contact locator are used to process high-density and D-SUB 1 contacts from 0.08 to 0.5 mm².



Type	Order No.	CRIMPFOX-DSUB 5	1212111	Type	Order No.	CRIMPFOX-DSUB 5-1	1212711
Conductor	[mm ²] / AWG	0.08 – 0.5 / 28 – 22		Conductor	[mm ²] / AWG	0.05 – 0.5 / 30 – 22	
Accessories				Accessories			
Replacement die		CRIMPFOX-DSUB 5/DIE	1212287	Replacement die			



Crimping pliers for crimp snap-in contacts

These crimping pliers are specially designed to work with Phoenix Contact contacts from the COMBICON product line.



Type	Order No.	CRIMPFOX MT 2,5	1204038	Type	Order No.	CRIMPFOX-P CC 0.75 L	1064998	Type	Order No.	CRIMPFOX-P CK 1.6 ER 2.5 OIC-L	1069228
Conductor	[mm ²] / AWG	0.5 – 2.5 / 20 – 12		Conductor	[mm ²] / AWG	0.14 – 0.75/24 – 20		Conductor	[mm ²] / AWG	0.14 – 2.5/24 – 14	
Contacts				Contacts				Contacts			
		MSTBC-MT 0,5-1,0	3190564			PTCM-MP-P 0,14-0,5	1013781			CK1,6-ER-1,00BU OIC AG	1004362
		MSTBC-MT 1,5-2,5	3190551			PTCM-MP-P 0,34-0,75	1013780			CK1,6-ER-1,00ST OIC AG	1004360
		ICC-MT 0,5-1,0	3190577			PTCM-MP-PI 0,14-0,5	1013990			CK1,6-ER-2,50BU OIC AG	1004366
		ICC-MT 1,5-2,5	3190580			PTCM-MP-PI 0,34-0,75	1013989			CK1,6-ER-2,50ST OIC AG	1004365
		STG-MTN 0,5-1,0	3190438			MCC 0,5-MP AU 0,14-0,5	1013425				
		STG-MTN 1,5-2,5	3190506			MCC 0,5-MP AU 0,34-0,75	1013419				
Accessories				Accessories				Accessories			
Replacement die		CRIMPFOX MT 2,5 DIE	1208050	Replacement die				Replacement die			



Crimping pliers for solar connectors

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



Type	Order No.	CRIMPFOX-SR 6-1	1212467	Type	Order No.	CRIMPFOX-SR 6-2	1212468	Type	Order No.	CRIMPFOX-SR 6-3	1212469
Conductor	[mm ²] / AWG	2.5 – 6/14 – 10		Conductor	[mm ²] / AWG	2.5 – 6/14 – 10		Conductor	[mm ²] / AWG	2.5 – 6/14 – 10	
For solar connectors		MC3		For solar connectors		MC4		For solar connectors		SOLARLOK	

CRIMPFOX crimping tools



Crimping pliers for coaxial CATV connectors

The precision-manufactured dies enable optimum crimping of CATV contacts.



Type Conductor	Order No. [mm]	CRIMPFOX-CATV 8,23	1212716	CRIMPFOX-CATV 8,23-1	1212717
		1.69 / 8.23		6.65 / 8.23 / 9.70	



Universal pliers for data plugs and accommodating various dies

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



Type	Order No.	CRIMPFOX-C D	1212734	CRIMPFOX-C RJ11/DIE	1212735
Die for unshielded RJ11 connectors				CRIMPFOX-C RJ22/DIE	1212736
Die for unshielded RJ22 connectors				CRIMPFOX-C RJ45/DIE	1212737
Die for unshielded RJ45 connectors				CRIMPFOX-C RJ45U/DIE	1212738
Die for unshielded RJ45 connectors, universal				CRIMPFOX-C 10P/DIE	1212739
Die, 10-pos.				CRIMPFOX-C MMJ/DIE	1212740
Die for DEC MML connectors				CRIMPFOX-C DMCC 1P/DIE	1235253
Crimp insert for shielded connectors of the DMCC 0.5 series – 1-pair shielded				CRIMPFOX-C DMCC 2P/DIE	1235259
Crimp insert for shielded connectors of the DMCC 0.5 series – 2-pair shielded				CRIMPFOX-C DMCC 4P/DIE	1235258
Crimp insert for shielded connectors of the DMCC 0.5 series – 4-pair shielded				CRIMPFOX-C DMCC 5/DIE	1235257
Connected data cable for various diameters starting from 5 mm				CRIMPFOX-C DMCC 7/DIE	1235256
Connected data cable for various diameters up to 7 mm					



COMBICON crimp connector

The Crimpfox-P CDC is a crimper designed exclusively for crimping CDC-MP contacts for SKEDD. It features a very precise parallel action frame with consistent crimping performance.



Type				
CDC-MP 1,14-0,5	Crimpfox-P CDC 0,5L	1142831	CDC-MP 0,14-0,5	1016664
CDC-MP 0,5-1,5	Crimpfox-P CDC 1,5L	1142832	CDC-MP 0,5-1,5	1016662
CDC-MP 1,5-2,5	Crimpfox-P CDC 2,5 L	1142833	CDC-MP 1,5-2,5	1016660

CRIMPFOX crimping tools

Universal pliers for accommodating various crimp inserts

A key feature of the CRIMPFOX-M is how easily the crimp inserts can be quickly replaced without the need for tools. The variety of inserts make them a space-saving universal tool for all applications.



Type	Order No.	CRIMPFOX-M Basic pliers without die	1212072	CRIMPFOX-M SET Contents: CRIMPFOX-M and 4 dies	1212093
					1212074 , 1212079 , 1212080 , 1212081

Accessories					
Die, for ferrules					
0.25 - 10 mm ² / 22 - 8 AWG	CRIMPFOX-M 10/DIE	1212080	CRIMPFOX-M 10/DIE	1212080	(included in the set)
16 - 25 mm ² / 6 - 4 AWG	CRIMPFOX-M 25/DIE	1212081	CRIMPFOX-M 25/DIE	1212081	(included in the set)
35 - 50 mm ² / 2 - 1/0 AWG	CRIMPFOX-M 50/DIE	1212082			
Die, for insulated cable lugs					
0.5 - 1.5 and 1.5 - 2/5 mm ² / 20 - 16 and 16 - 24 AWG	CRIMPFOX-M RCI 2,5/DIE	1212074	CRIMPFOX-M RCI 2,5/DIE	1212074	(included in the set)
0.1 - 0.4 and 4 - 10 mm ² / 18-12 and 12 - 10 AWG	CRIMPFOX-M RCI 6/DIE	1212073			
Die, for uninsulated cable lugs					
0.75 - 2.5 mm ² / 18 - 14 AWG	CRIMPFOX-M RC 2,5/DIE	1212078	CRIMPFOX-M RC 6/DIE	1212079	(included in the set)
0.5 - 6 mm ² / 20 - 10 AWG	CRIMPFOX-M RC 6/DIE	1212079			
4 - 10 mm ² / 12 - 8 AWG	CRIMPFOX-M RC 10/DIE	1212077			
4 - 6 mm ² and 10 mm ² / 12 - 8 and 8 AWG	CRIMPFOX-M RC 10-1/DIE	1212744			
Die, for uninsulated slip-on sleeves					
0.1 - 1 mm ² / 26 - 18 AWG	CRIMPFOX-M SC 1/DIE	1212083			
0.5 - 2.5 mm ² / 20 - 14 AWG	CRIMPFOX-M SC 2,5/DIE	1212084			
0.5 - 6 mm ² / 20 - 10 AWG	CRIMPFOX-M SC 6/DIE	1212085			
0.5 - 6 mm ² / 20 - 10 AWG, wide, flat crimp	CRIMPFOX-M SC 6-FL/DIE	1212741			
1.0 - 2.5 mm ² / 18 - 14 AWG, for angled slip-on sleeves, 6.3 mm	CRIMPFOX-M SCA 2,5/DIE (left insertion)	1212742			
1.0 - 2.5 mm ² / 18 - 14 AWG, for angled slip-on sleeves, 8 mm	CRIMPFOX-M SCA 2,5-1/DIE (right insertion)	1212743			
Die, for turned contacts					
2.5 - 4.0 mm ² /cross-section: 0.14 - 4 mm ²	CRIMPFOX-M TC 4/DIE	1212075			
4.0 mm ² /cross-section: 6 - 10 mm ²	CRIMPFOX-M TC 10/DIE	1212076			
Die, for coaxial connectors					
RG 174, RG 179, BNC, TNC	CRIMPFOX-M CX 1/DIE	1212087			
RG 58, RG 59, RG 62, RG 71, BNC, TNC	CRIMPFOX-M CX 2/DIE	1212088			
CATV RG 6,59	CRIMPFOX-M CX 3/DIE	1212089			
BNC, TNC, RG6, 1.73, 6.48, 8.23	CRIMPFOX-M CX 4/DIE	1212745			
BNC, TNC, 0.70, 3.25, 3.85	CRIMPFOX-M CX 5/DIE	1212746			
BNC, TNC, 1.07, 6.48, 8.23	CRIMPFOX-M CX 6/DIE	1212747			
BNC, TNC, 1.72, 5.41	CRIMPFOX-M CX 7/DIE	1212748			
BNC, TNC, 1.72, 8.23	CRIMPFOX-M CX 8/DIE	1212749			
BNC, TNC, 1.72, 5.41	CRIMPFOX-M CX 9/DIE	1212750			
BNC, TNC, 1.20, 5.41	CRIMPFOX-M CX-10/DIE	1212751			
BNC, TNC, 1.73, 10.90	CRIMPFOX-M CX 11/DIE	1212752			
BNC, TNC, 1.46, 5.18	CRIMPFOX-M CX 12/DIE	1212753			
Die, for unshielded RJ45 connectors	CRIMPFOX-M RJ45/DIE	1212090			
Die, for unshielded RJ11 connectors	CRIMPFOX-M RJ11/DIE	1212091			
Die, for shrink butt connectors					
0.1 - 0.4 mm ² and 4 - 6 mm ²	CRIMPFOX-M HS-1/DIE	1212282			
0.5 - 1.5 mm ² and 1.5 - 2.5 mm ²	CRIMPFOX-M HS/DIE	1219092			
Die, for solar connectors					
MC3, Multi-Contact, 2.5 - 6 mm ²	CRIMPFOX M SR 6-1/DIE	1212471			
MC4, Multi-Contact, 2.5 - 6 mm ²	CRIMPFOX M SR 6-2/DIE	1212472			
SOLARLOK, Tyco, 2.5 - 6 mm ²	CRIMPFOX M SR 6-3/DIE	1212473			
Die, for fiber optics connectors					
ST/SC/SMA/SMB/SFR	CRIMPFOX-M FO/DIE	1212086			

CRIMPFOX crimping tools

Universal pliers for accommodating various crimp inserts

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



Type	Order No.	CRIMPFOX-C50	1212340	CRIMPFOX-C120	1212318
Accessories: die combinations for ferrules					
Upper die part					
50 mm ² , 70 mm ²				CRIMPFOX-C120 AI 70/M-DIE	1212335
95 mm ²				CRIMPFOX-C120 AI 95/M-DIE	1212336
Lower die part					
50 mm ²				CRIMPFOX-C120 AI 50/F-DIE	1212337
70 mm ²				CRIMPFOX-C120 AI 70/F-DIE	1212338
95 mm ²				CRIMPFOX-C120 AI 95/F-DIE	1212339
120 mm ² (die pair)				AI 120/DIE	1209910
Accessories: die combinations for uninsulated cable lugs					
Upper die part					
6 - 35 mm ²		CRIMPFOX-C50 RC 35/M-DIE	1212343	CRIMPFOX-C120 RC 70/M-DIE	1212331
6 - 70 mm ²					
Lower die part					
25 mm ²		CRIMPFOX-C50 RC 25/F-DIE	1212344		
35 mm ²		CRIMPFOX-C50 RC 35/F-DIE	1212345		
10, 16, 25, 35 mm ²				CRIMPFOX-C120 RC 35/F-DIE	1212332
6, 50 mm ²				CRIMPFOX-C120 RC 50/F-DIE	1212333
10, 70 mm ²				CRIMPFOX-C120 RC 70/F-DIE	1212334
Accessories: die pair for insulated cable lugs					
10 mm ²		CRIMPFOX-C50 RCI 10/DIE	1212346	CRIMPFOX-C120 RCI 10/DIE	1212327
16 mm ²		CRIMPFOX-C50 RCI 16/DIE	1212347	CRIMPFOX-C120 RCI 16/DIE	1212328
25 mm ²		CRIMPFOX-C50 RCI 25/DIE	1212348	CRIMPFOX-C120 RCI 25/DIE	1212329
35 mm ²				CRIMPFOX-C120 RCI 35/DIE	1212330
Accessories: die pair for standard copper tubular cable lugs					
35 mm ²		CRIMPFOX-C50 RCT 35-1/DIE	1212341	CRIMPFOX-C120 RCT 35-1/DIE	1212320
16, 35 mm ²					
50 mm ²		CRIMPFOX-C50 RCT 50-1/DIE	1212342		
25, 50 mm ²				CRIMPFOX-C120 RCT 50-1/DIE	1212321
10, 70 mm ²				CRIMPFOX-C120 RCT 70-1/DIE	1212319
95 mm ²				CRIMPFOX-C120 RCT 95-1/DIE	1212322
120 mm ²				CRIMPFOX-C120 RCT 120-1/DIE	1212323
Accessories: pre-round die pair for sector cables					
25, 35 mm ²		CRIMPFOX-C50 R25-35/DIE	1212349		
35, 50 mm ²		CRIMPFOX-C50 R35-50/DIE	1212350		
50, 70 mm ²		CRIMPFOX-C50 R50-70/DIE	1212351		
25, 50 mm ²				CRIMPFOX-C120 R25-50/DIE	1212324
35, 70 mm ²				CRIMPFOX-C120 R35-70/DIE	1212325
95 mm ²				CRIMPFOX-C120 R95/DIE	1212326

Ferrules



What is a ferrule?

A ferrule is a tin-plated copper tube with or without colored polypropylene insulation. It is applied to the end of a conductor where the insulation of the wire has been stripped off. Ferrules come in many sizes and styles, including insulated, un-insulated, single, twin, loose, in strips, and reeled.



Why use ferrules?

Ferrules provide many benefits, ensuring solid, air-tight connections. When wires are stripped of their insulation, the individual strands are compromised. The strands become loose or frayed and can be severed. Ferrules strengthen stranded wire bundles, eliminating stray strands and providing a durable and safe connection, ensuring

long-term electrical performance. Ferrules safeguard connections from corrosion and vibration, providing protection from high temperatures, short circuits, and, in some cases, arc flashes.

How do I apply a ferrule?

First, the conductor must be cut flush. Using a sharp, proper cutting device will prevent an uneven insulation cut. Carefully remove the insulation to prevent damage to the individual strands. Then remove only the length of insulation required, as removing too much will result in an extra step of cutting off the excess once the ferrule is applied. Removing too little will affect the air-tight corrosion resistance of the connection. The strands should completely fill the ferrule's barrel and protrude no more than .02 inches (0.5 millimeters) from the end of the barrel. Locate a suitable wire stripper that offers strip length adjustments. The strip length should, at minimum, equal the barrel length of the ferrule. Set the strip length guide accordingly and strip the insulation off the conductor. Insert the stripped conductor into the plastic collar of the ferrule and then into the proper ferrule crimping tool to fasten. The ferrule should pass a pull force test that determines the amount of force required to pull the ferrule off the wire once crimped. There are different pull force requirements depending on the American Wire Gauge of the wire.

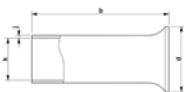
How do I choose a high-quality ferrule?

One very important step in manufacturing a quality ferrule is called annealing. Annealing is when metal is heated and allowed to cool slowly. This process alters the physical and chemical properties to increase flexibility and toughen the metal. Ferrules that are not annealed are weaker and more likely to crack when crimped or touched. Annealing is an additional step in the production of ferrules and results in additional costs and a higher price to the end user. Many lower-cost manufacturers skip the annealing step, so their ferrules stand the chance of cracking.

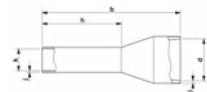
How does UL Listing work for ferrules?

Ferrules are not UL Listed. The UL Listing applies to the combination of a ferrule and a crimper. UL tests a manufacturer's ferrules with the same manufacturer's crimper, and either passes or fails them. If passed, the combination is then UL Listed. Because of the testing requirements and process, mixing manufacturers is not permitted. Ferrules from Manufacturer A cannot be crimped by Manufacturer B's crimpers, regardless of whether both manufacturers carry UL. Phoenix Contact ferrules used with a Phoenix Contact crimper is UL Listed.

Uninsulated ferrules

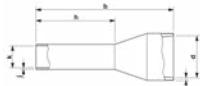


Insulated ferrules

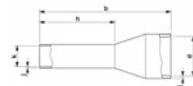


Cross-section			Dimensions			Ordering data			Cross-section			Dimensions			Ordering data		
mm ²	AWG	Color	Barrel	Opening	End opening	Description	Order No.	Pcs/Pkg	mm ²	AWG	Color	Barrel	Opening	End opening	Description	Order No.	Pcs/Pkg
0.25	24	silver	5.00	1.70	0.80	A 0,25-5	3202465	1000	0.14	26	gray	6.00	2.00	0.80	AI 0,14-6 GY-1000	1034128	1000
0.25	24	silver	7.00	1.70	0.80	A 0,25-7	3202478	1000	0.14	26	gray	8.00	2.00	0.80	AI 0,14-8 GY-1000	3203011	1000
0.34	22	silver	7.00	1.80	0.90	A 0,34-7	3009202	1000	0.25	24	yellow	6.00	2.00	0.80	AI 0,25-6 YE	3203024	100
0.5	20	silver	6.00	2.10	1.00	A 0,5-8	3200218	1000	0.25	24	yellow	8.00	2.00	0.80	AI 0,25-8 YE	3203037	100
0.5	20	silver	8.00	2.10	1.00	A 0,5-8	3202481	1000	0.25	24	yellow	10.00	2.00	0.80	AI 0,25-10 YE	3241128	100
0.5	20	silver	10.00	2.10	1.00	A 0,5-10	3202494	1000	0.25	24	blue	6.00	2.00	0.80	AI 0,25-6 BU	3203040	100
0.75	18	silver	6.00	2.30	1.20	A 0,75-6	3200221	1000	0.25	24	blue	8.00	2.00	0.80	AI 0,25-8 BU	3201364	100
0.75	18	silver	8.00	2.30	1.20	A 0,75-8	3202504	1000	0.25	24	blue	12.00	2.00	0.80	AI 0,25-12 BU	3200632	100
0.75	18	silver	10.00	2.30	1.20	A 0,75-10	3200234	1000	0.34	22	turquoise	6.00	2.00	0.80	AI 0,34-6 TQ	3203053	100
1	18	silver	6.00	2.50	1.40	A 1-6	3200247	1000	0.34	22	turquoise	8.00	2.00	0.80	AI 0,34-8 TQ	3203066	100
1	18	silver	8.00	2.50	1.40	A 1-8	3202517	1000	0.34	22	turquoise	10.00	2.00	0.80	AI 0,34-10 TQ	3241129	100
1	18	silver	10.00	2.50	1.40	A 1-10	3200250	1000	0.34	22	turquoise	12.00	2.00	0.80	AI 0,34-12 TQ	3200645	100
1.5	16	silver	7.00	2.80	1.70	A 1,5-7	3200263	1000	0.5	20	white	6.00	2.50	1.10	AI 0,5-6 WH	3200687	100
1.5	16	silver	10.00	2.80	1.70	A 1,5-10	3200276	1000	0.5	20	white	8.00	2.50	1.10	AI 0,5-8 WH	3200014	100
1.5	16	silver	12.00	2.80	1.70	A 1,5-12	3200588	1000	0.5	20	white	8.00	2.50	1.10	AI 0,5-8 WH-1000	3200881	1000
1.5	16	silver	15.00	2.80	1.70	A 1,5-15	3202591	1000	0.5	20	white	10.00	2.50	1.10	AI 0,5-10 WH	3201275	100
1.5	16	silver	18.00	2.80	1.70	A 1,5-18	3202601	1000	0.5	20	white	12.00	2.50	1.10	AI 0,5-12 WH	3200506	100
2.5	14	silver	7.00	3.40	2.20	A 2,5-7	3200289	1000	0.5	20	orange	6.00	2.50	1.10	AI 0,5-6 OG	3201301	100
2.5	14	silver	12.00	3.40	2.20	A 2,5-12	3200292	1000	0.5	20	orange	8.00	2.50	1.10	AI 0,5-8 OG	3201123	100
2.5	14	silver	18.00	3.40	2.20	A 2,5-18	3202821	1000	0.5	20	orange	8.00	2.50	1.10	AI 0,5-8 OG-1000	3202902	1000
4	12	silver	9.00	4.00	2.80	A 4-9	3200302	1000	0.5	20	orange	10.00	2.50	1.10	AI 0,5-10 OG	3241126	100
4	12	silver	12.00	4.00	2.80	A 4-12	3200315	1000	0.75	18	white	6.00	2.80	1.30	AI 0,75-6 WH	3201314	100
4	12	silver	18.00	4.00	2.80	A 4-18	3202834	1000	0.75	18	white	8.00	2.80	1.30	AI 0,75-8 WH	3201110	100
6	10	silver	10.00	4.70	3.50	A 6-10	3202520	500	0.75	18	blue	8.00	2.80	1.30	AI 0,75-8 BU	3200027	100
6	10	silver	12.00	4.70	3.50	A 6-12	3200328	500	0.75	18	blue	8.00	2.80	1.30	AI 0,75-8 BU-1000	1213200	1000
10	8	silver	12.00	5.80	4.50	A 10-12	3200331	500	0.75	18	gray	6.00	2.80	1.30	AI 0,75-6 GY	3200690	100
10	8	silver	18.00	5.80	4.50	A 10-18	3200344	500	0.75	18	gray	8.00	2.80	1.30	AI 0,75-8 GY	3200519	100
		silver	25.00	5.80	4.50	A 10-25	1090628	500	0.75	18	gray	8.00	2.80	1.30	AI 0,75-8 GY-1000	3200894	1000
		silver	32.00	5.80	4.50	A 10-32	1090629	500	0.75	18	gray	10.00	2.80	1.30	AI 0,75-10 GY	3201288	1000
16	6	silver	12.00	7.50	5.80	A 16-12	3200425	100	0.75	18	gray	10.00	2.80	1.30	AI 0,75-10 GY-1000	3203118	1000
16	6	silver	25.00	7.50	5.80	A 16-25	1090632	250	0.75	18	gray	12.00	2.80	1.30	AI 0,75-12 GY	3200849	100
16	6	silver	32.00	7.50	5.80	A 16-32	1090633	250	1	18	yellow	6.00	3.00	1.50	AI 1-6 YE	3201327	100
25	4	silver	12.00	9.50	7.30	A 25-12	3200357	100	1	18	yellow	8.00	3.00	1.50	AI 1-8 YE	3201097	100
25	4	silver	15.00	9.50	7.30	A 25-15	3200360	100	1	18	yellow	8.00	3.00	1.50	AI 1-8 YE-1000	3202915	1000
25	4	silver	18.00	9.50	7.30	A 25-18	3200373	100	1	18	red	6.00	3.00	1.50	AI 1-6 RD	3200742	100
25	4	silver	20.00	9.50	7.30	A 25-20	3200386	100	1	18	red	8.00	3.00	1.50	AI 1-8 RD	3200030	100
25	4	silver	25.00	9.50	7.30	A 25-25	1090634	100	1	18	red	8.00	3.00	1.50	AI 1-8 RD-1000	3200904	1000
25	4	silver	32.00	9.50	7.30	A 25-32	1090636	100	1	18	red	10.00	3.00	1.50	AI 1-10 RD	3200182	100
25	4	silver	40.00	9.50	7.30	A 25-40	3241238	100	1	18	red	10.00	3.00	1.50	AI 1-10 RD-1000	3203121	1000
35	2	silver	18.00	11.00	8.30	A 35-18	3200399	100	1	18	red	12.00	3.00	1.50	AI 1-12 RD	3200674	100
35	2	silver	20.00	11.00	8.30	A 35-20	3200409	100	1	18	red	12.00	3.00	1.50	AI 1-12 RD-1000	1200311	1000
35	2	silver	40.00	11.00	8.20	A 35-40	3241239	100	1	18	turquoise	8.00	3.00	1.50	AI-S 1-8 TQ	1200293	100
35	2	silver	32.00	11.00	8.20	A 35-32	1090638	100	1.5	16	black	6.00	3.40	1.80	AI 1,5-6 BK	3200755	100
50	1/0	silver	32.00	13.00	10.30	A 50-32	1090639	100	1.5	16	black	8.00	3.40	1.80	AI 1,5-8 BK	3200043	100
50	1/0	silver	40.00	13.00	10.30	A 50-40	3241240	100	1.5	16	black	8.00	3.40	1.80	AI 1,5-8 BK-1000	3200917	1000
70	2/0	silver	40.00	15	12.50	A 70-40	3241241	100	1.5	16	black	10.00	3.40	1.80	AI 1,5-10 BK	3200195	100
95	3/0	silver	40.00	17	14.50	A 95-40	3241242	100	1.5	16	black	10.00	3.40	1.80	AI 1,5-10 BK-1000	3203134	1000
120	4/0	silver	40.00	19	17.70	A 120-40	1090640	50	1.5	16	black	12.00	3.40	1.80	AI 1,5-12 BK	3201482	100
									1.5	16	black	12.00	3.40	1.80	AI 1,5-12 BK-1000	1200310	1000
									1.5	16	black	18.00	3.40	1.80	AI 1,5-18 BK	3200056	100
									1.5	16	red	8.00	3.40	1.80	AI 1,5-8 RD	3201136	100
									1.5	16	red	8.00	3.40	1.80	AI 1,5-8 RD-1000	3202928	1000
									1.5	16	red	18.00	3.40	1.80	AI 1,5-18 RD	3241125	500
									2.5	14	gray	8.00	4.20	2.30	AI 2,5-8 GY	3200069	100
									2.5	14	gray	8.00	4.20	2.30	AI 2,5-12 GY	3202025	100
									2.5	14	gray	18.00	4.20	2.30	AI 2,5-18 GY	3200072	100
									2.5	14	blue	8.00	4.20	2.30	AI 2,5-8 BU	3200522	100
									2.5	14	blue	8.00	4.20	2.30	AI 2,5-8 BU-1000	3200920	1000
									2.5	14	blue	10.00	4.20	2.30	AI 2,5-10 BU	3202533	100
									2.5	14	blue	10.00	4.20	2.30	AI 2,5-10 BU-1000	3203147	1000
									2.5	14	blue	12.00	4.20	2.30	AI 2,5-12 BU	3200962	100
									2.5	14	blue	18.00	4.20	2.30	AI 2,5-18 BU	3200580	100

Insulated ferrules AWG 4 and up



GB ferrules (larger insulated collar opening)



Cross-section			Dimensions			Ordering data			Cross-section			Dimensions			Ordering data		
mm ²	AWG	Color	Barrel	Opening	End opening	Description	Order No.	Pcs/Pkg	mm ²	AWG	Color	Barrel	Opening	End opening	Description	Order No.	Pcs/Pkg
4	12	gray	10.00	4.80	2.80	AI 4-10 GY	3200535	100	0.5	20	white	8.00	3.00	1.10	AI 0,5-8 WH-GB	1208966	500
4	12	gray	10.00	4.80	2.80	AI 4-10 GY-1000	1200308	1000	0.5	20	white	10.00	3.00	1.10	AI 0,5-10 WH-GB	3203150	100
4	12	gray	12.00	4.80	2.80	AI 4-12 GY	3200959	100	0.75	18	gray	8.00	3.40	1.30	AI 0,75-8 GY-GB	1208979	500
4	12	gray	12.00	4.80	2.80	AI 4-12 GY-1000	1200309	1000	0.75	18	gray	10.00	3.40	1.30	AI 0,75-10 GY-GB	3203163	100
4	12	gray	15.00	4.80	2.80	AI 4-15 GY	1200264	100	0.75	18	gray	10.00	3.40	1.30	AI 0,75-10 GY-GB-1000	3203299	1000
4	12	gray	18.00	4.80	2.80	AI 4-18 GY	3200593	100	1	18	red	8.00	3.40	1.50	AI 1-8 RD-GB	1208982	500
4	12	orange	10.00	4.80	2.80	AI 4-10 OG	3200085	100	1	18	red	10.00	3.40	1.50	AI 1-10 RD-GB-1000	1208869	1000
4	12	orange	10.00	4.80	2.80	AI 4-10 OG-1000	1213202	1000	1.5	16	black	8.00	3.70	1.80	AI 1,5-8 BK-GB-1000	3202892	1000
4	12	orange	12.00	4.80	2.80	AI 4-12 OG	3200438	100	1.5	16	black	10.00	3.70	1.80	AI 1,5-10 BK-GB-1000	1208872	1000
4	12	orange	18.00	4.80	2.80	AI 4-18 OG	3200098	100									
6	10	yellow	12.00	6.20	3.50	AI 6-12 YE	3200548	100									
6	10	yellow	18.00	6.20	3.50	AI 6-18 YE	3200603	100									
6	10	black	12.00	6.20	3.50	AI 6-12 BK	3201107	100									
6	10	black	12.00	6.20	3.50	AI 6-12 BK-1000	1004301	1000									
6	10	green	12.00	6.20	3.50	AI 6-12 GN	3200108	100									
6	10	green	12.00	6.20	3.50	AI 6-12 GN-1000	1213203	1000									
6	10	green	18.00	6.20	3.50	AI 6-18 GN	3200111	100									
10	8	red	12.00	7.50	4.60	AI 10-12 RD	3200551	100									
10	8	red	18.00	7.50	4.60	AI 10-18 RD	3200616	100									
10	8	ivory	12.00	7.50	4.60	AI 10-12 IV	3201068	100									
10	8	brown	12.00	7.50	4.60	AI 10-12 BN	3200124	100									
10	8	brown	18.00	7.50	4.60	AI 10-18 BN	3200137	100									
16	6	blue	12.00	8.80	5.80	AI 16-12 BU	3200564	100									
16	6	blue	18.00	8.80	5.80	AI 16-18 BU	3200629	100									
16	6	green	12.00	8.80	5.80	AI 16-12 GN	3201152	100									
16	6	green	18.00	8.80	5.80	AI 16-18 GN	3201330	100									
16	6	white	12.00	8.80	5.80	AI 16-12 WH	3200140	100									
16	6	white	18.00	8.80	5.80	AI 16-18 WH	3200153	100									
16	6	ivory	12.00	8.80	5.80	AI 16-12 IV	3201181	100									
25	4	yellow	16.00	11.00	7.30	AI 25-16 YE	3200577	50									
25	4	yellow	18.00	11.00	7.30	AI 25-18 YE	3201505	50									
25	4	yellow	22.00	11.00	7.30	AI 25-22 YE	3200700	50									
25	4	black	16.00	11.00	7.30	AI 25-16 BK	3200412	50									
25	4	black	22.00	11.00	7.30	AI 25-22 BK	3200739	50									
25	4	brown	16.00	11.00	7.30	AI 25-16 BN	3201084	50									
35	2	red	16.00	12.50	8.30	AI 35-16 RD	3200441	50									
35	2	red	18.00	12.50	8.30	AI 35-18 RD	3201495	50									
35	2	red	25.00	12.50	8.30	AI 35-25 RD	3200713	50									
35	2	beige	16.00	12.50	8.30	AI 36-16 BE	3201071	50									
50	1/0	blue	20.00	15.00	10.30	AI 50-20 BU	3200454	50									
50	1/0	blue	25.00	15.00	10.30	AI 50-25 BU	3200726	25									
50	1/0	olive	20.00	15.00	10.30	AI 50-20 OL	3201178	50									
50	1/0	black	25.00	15.00	10.30	AI 50-25 BK	3240678	1000									
70	2/0	yellow	20.00	16.00	12.70	AI 70-20 YE	3201848	25									
95	3/0	red	25.00	18.00	14.70	AI 95-25 RD	3201853	25									
120	4/0	blue	27.00	21.00	16.70	AI 120-27 BU	3201822	25									

XL ferrules (extra-large insulated collar opening)



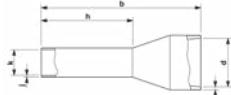
TWIN ferrules



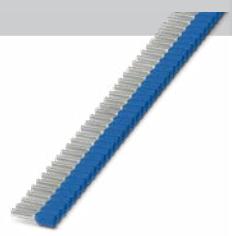
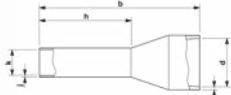
Cross-section			Dimensions			Ordering data		
mm ²	AWG	Color	Barrel	Opening	End opening	Description	Order No.	Pcs/Pkg
2x0.5	2x20	white	8.00	2.50	1.50	AI-TWIN 2X0,5-8 WH	3200933	100
2x0.5	2x20	white	10.00	2.50	1.50	AI-TWIN 2X0,5-10 WH	3203309	100
2x0.75	2x18	gray	8.00	2.80	1.80	AI-TWIN 2X0,75-8 GY	3200807	100
2x0.75	2x18	gray	10.00	2.80	1.80	AI-TWIN 2X0,75-10 GY	3200975	100
2x0.75	2x18	blue	8.00	2.80	1.80	AI-TWIN 2X0,75-8 BU	3240668	100
2x0.75	2x18	blue	10.00	2.80	1.80	AI-TWIN 2X0,75-10 BU	3200810	100
2x1	2x18	red	8.00	3.40	2.05	AI-TWIN 2X1-8 RD	3200988	100
2x1	2x18	red	10.00	3.40	2.05	AI-TWIN 2X1-10 RD	3200988	100
2x1	2x18	red	12.00	3.40	2.05	AI-TWIN 2X1-12 RD	3240679	100
2x1.5	2x16	black	8.00	3.60	2.30	AI-TWIN 2X1,5-8 BK	3200823	100
2x1.5	2x16	black	10.00	3.60	2.30	AI-TWIN 2X1,5-10 BK	3201534	100
2x1.5	2x16	black	12.00	3.60	2.30	AI-TWIN 2X1,5-12 BK	3200991	100
2x2.5	2x14	blue	10.00	4.20	2.90	AI-TWIN 2X2,5-10 BU	3200836	100
2x2.5	2x14	blue	13.00	4.20	2.90	AI-TWIN 2X2,5-13 BU	3200878	100
2x2.5	2x14	blue	16.00	4.20	2.90	AI-TWIN 2X2,5-16 BU	1200281	100
2x2.5	2x14	gray	10.00	4.20	2.90	AI-TWIN 2X2,5-10 GY	3240669	100
2x4	2x12	gray	12.00	4.90	3.80	AI-TWIN 2X4-12 GY	3201000	100
2x4	2x12	orange	12.00	4.90	3.80	AI-TWIN 2x4-12 OG	1213204	100
2x6	2x10	yellow	14.00	5.90	4.90	AI-TWIN 2X6-14 YE	3201013	100
2x6	2x10	green	14.00	5.90	4.90	AI-TWIN 2X6-14 GN	1213205	100
2x10	2x8	red	14.00	7.20	6.50	AI-TWIN 2X10-14 RD	3201026	100
2x10	2x8	brown	14.00	7.20	6.50	AI-TWIN 2X10-14 BN	1213206	100
2x16	2x6	blue	16.00	8.80	8.50	AI-TWIN 2X16-16 BU	3202847	50
2x16	2x6	white	16.00	8.80	8.50	AI-TWIN 2X16-16 WH	1213207	50

Ferrules

Taped ferrules

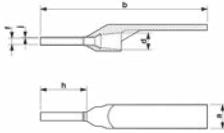


Sleeved ferrules



Cross-section			Dimensions			Ordering data			Cross-section			Dimensions			Ordering data		
mm ²	AWG	Color	Barrel	Opening	End opening	Description	Order No.	Pcs/ Pkg	mm ²	AWG	Color	Barrel	Opening	End opening	Description	Order No.	Pcs/ Pkg
0.25	24	yellow	8.00	2.00	0.80	AI 0,25-8 YE-B	3240251	1000	0.5	20	white	8.00	2.50	1.10	AI 0,5-8 WH S1	1200104	500
0.25	24	blue	8.00	2.00	0.80	AI 0,25-8 BU-B	3240250	1000	0.75	18	blue	8.00	2.80	1.30	AI 0,75-8 BU S1	1200163	500
0.34	22	turquoise	8.00	2.00	0.80	AI 0,34-8 TQ-B	3240249	1000	0.75	18	gray	8.00	2.80	1.30	AI 0,75-8 GY S1	1200105	500
0.5	20	white	8.00	2.50	1.10	AI 0,5-8 WH-B	3201369	1000	1	18	red	8.00	3.00	1.50	AI 1-8 RD S1	1200106	500
0.5	20	white	8.00	2.50	1.10	AI 0,5-8 WH-B 3000	3240663	3000	1.5	16	black	8.00	3.40	1.80	AI 1,5-8 BK S1	1200107	500
0.5	20	orange	8.00	2.50	1.10	AI 0,5-8 OG-B	3201563	1000	2.5	14	blue	8.00	4.20	2.30	AI 2,5-8 BU S1	1200108	400
0.75	18	white	8.00	2.80	1.30	AI 0,75-8 WH-B	3201576	1000	2.5	14	gray	8.00	4.20	2.30	AI 2,5-8 GY S1	1200164	400
0.75	18	white	8.00	2.80	1.30	AI 0,75-8 WH-B 3000	3240677	3000									
0.75	18	gray	8.00	2.80	1.30	AI 0,75-8 GY-B	3201372	1000									
0.75	18	gray	8.00	2.80	1.30	AI 0,75-8 GY-B 3000	3240664	3000									
0.75	18	blue	8.00	2.80	1.30	AI 0,75-8 BU-B	3201547	1000									
1	18	yellow	8.00	3.00	1.50	AI 1-8 YE-B	3201589	1000									
1	18	red	8.00	3.00	1.50	AI 1-8 RD-B	3201385	1000									
1	18	red	8.00	3.00	1.50	AI 1-8 RD-B 3000	3240665	3000									
1.5	16	red	8.00	3.40	1.80	AI 1,5-8 RD-B	3201592	1000									
1.5	16	black	8.00	3.40	1.80	AI 1,5-8 BK-B	3201398	1000									
1.5	16	black	8.00	3.40	1.80	AI 1,5-8 BK-B 2500	3240666	2500									
2.5	14	gray	8.00	4.20	2.30	AI 2,5-8 GY-B	3201550	1000	mm ²	AWG	Color	Barrel	Opening	End opening	Description	Order No.	Pcs/ Pkg
2.5	14	blue	8.00	4.20	2.30	AI 2,5-8 BU-B	3201408	1000	0.5	20	white	8.00	2.90	1.40	AI-WM 0,5-8 WH	3240542	500
2.5	14	blue	8.00	4.20	2.30	AI 2,5-8 BU-B 1500	3240667	1500	0.75	18	gray	8.00	2.90	1.60	AI-WH 0,75-8 GY	3240543	500
									1	18	red	8.00	3.00	1.80	AI-WM 1-8 RD	3240544	500
									1.5	16	white	8.00	3.40	2.10	AI-WM 1,5-8 WH	3240545	500
									2.5	14	blue	8.00	4.20	2.60	AI-WM 2,5-8 BU	3240572	500

Wire marker ferrules



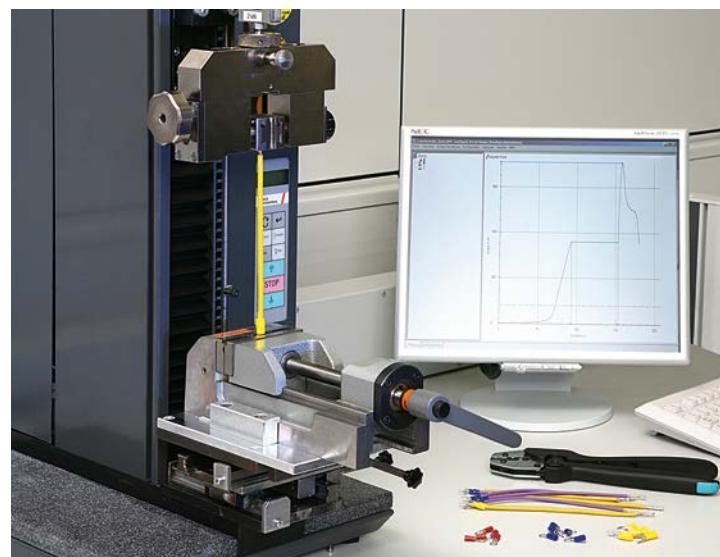
Conductor pull-out test

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

In practice, crimping points can be affected by tensile forces during wiring or operation.

Therefore, properly crimped contacts must offer a high degree of mechanical safety. To test the tensile load capacity, the crimping must withstand a predefined tensile force based on the cross-section for 60 seconds. The tensile force exerts stress on the conductor at the crimping point. The crimping must withstand the force without any damage.

The test results for Phoenix Contact contacts are significantly higher than the minimum values required by the standard.



Conductor pull-out test

Metric	JIS type	AWG/MCM equivalent		UL 486F-A-F	IEC 60999-1/2 EN 60947-1 DIN 46228-1/4	IEC 60352-2	UL486A/B (CU)	JIS C 2805	DIN EN 61238-1 (CU)	DIN EN 61210
0.2 mm ²	-	24	0.21 mm ²	20 N	10 N	28 N	22.3 N			28 N
0.25 mm ²				20 N		32 N				
0.34 mm ²	-	22	0.33 mm ²	20 N	15 N	40 N	35.6 N			40 N
0.5 mm ²	-	20	0.52 mm ²	20 N	20 N	60 N	57.9 N			56 N
0.75 mm ²	-			30 N	30 N	85 N	89 N			84 N
1 mm ²	-	18	0.82 mm ²	30 N	30 N	90 N	89 N			
-	1.25 mm ²			35 N	35 N	108 N				108 N
1.5 mm ²	-	16	1.31 mm ²	40 N	40 N	135 N	134 N			
-	2.0 mm ²			40 N		150 N	134 N			150 N
2.5 mm ²	-	14	2.08 mm ²	50 N	50 N	200 N	223 N			
-	12		3.31 mm ²	50 N	50 N	230 N	223 N			230 N
	3.5 mm ²			60 N	60 N	275 N	312 N			
4 mm ²	-			60 N	60 N	310 N	312 N			310 N
-	5.5 mm ²									
6 mm ²	-	10	5.26 mm ²	80 N	80 N	360 N	356 N			360 N
-	8 mm ²									
8			8.37 mm ²			370 N	401 N			
10 mm ²	-			90 N	90 N	380 N	401 N			600 N
-	14 mm ²									1400 N
16 mm ²	-	6	13.23 mm ²	100 N	100 N		445 N			960 N
-	22 mm ²									1800 N
25 mm ²	-	4	21.15 mm ²	135 N	135 N		623 N			1500 N
-	3		26.67 mm ²				712 N			
35 mm ²	-	2	33.62 mm ²	190 N	190 N		801 N			2100 N
	38 mm ²									2500 N
50 mm ²	-	1	42.41 mm ²				890 N			
-	1/0		53.48 mm ²		236 N		1113 N			3000 N
60 mm ²										3200 N
70 mm ²	-	2/0	67.43 mm ²		285 N		1235 N			4200 N
95 mm ²	-	3/0	85.01 mm ²		351 N		1558 N			5700 N
	100 mm ²									3900 N
120 mm ²	-	4/0	107.22 mm ²		427 N		2003 N			7200 N
-	250 MCM		127 mm ²				2225 N			
150 mm ²	150 mm ²	300 MCM	152 mm ²		427 N		2448 N	4100 N	9000 N	
185 mm ²		350 MCM	177 mm ²		503 N		2670 N		11100 N	
	200 mm ²									4400 N
240 mm ²		400 MCM	203 mm ²				2893 N			
	500 MCM		253 mm ²		578 N		3560 N			14400 N
300 mm ²		600 MCM	304 mm ²		578 N		4005 N			18000 N
	325 mm ²									4800 N

Cross-section related pull-out values

CRIMPFOX – corresponding connectors for the CRIMPFOX series

Slip-on sleeves and blade connectors, uninsulated					Ring cable lugs, insulated																																																																																																																																																																																																		
<p>The uninsulated slip-on sleeves and slip-on blade connectors are made from electrolytically tin-plated brass. They supplement the product range in terms of connectors.</p> 					<p>The insulated ring cable lugs are hard-soldered and feature the "EASY ENTRY" system. The sleeves are conically tapered to facilitate easy and correct insertion of the conductor.</p> 																																																																																																																																																																																																		
Description Slip-on sleeve , uninsulated, according to DIN 46247 Material / coating: brass / tin-plated Temperature range: ... 110°C					Description Insulated according to UL Material / coating: copper / tin-plated Temperature range: -20 ... 105°C																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th>Cross-section mm²</th> <th>Color AWG</th> <th>Width mm</th> <th>Description</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>0.5 - 1</td> <td>20 - 18</td> <td>silver</td> <td>2.80 C-SCF 1/2,8X0,5</td> <td>3240152</td> </tr> <tr> <td>0.5 - 1</td> <td>20 - 18</td> <td>silver</td> <td>2.80 C-SCF 1/2,8X0,8</td> <td>3240153</td> </tr> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>silver</td> <td>4.80 C-SCF 1,5/4,8X0,5</td> <td>3240154</td> </tr> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>silver</td> <td>4.80 C-SCF 1,5/4,8X0,8</td> <td>3240155</td> </tr> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>silver</td> <td>6.30 C-SCF 1,5/6,3X0,8</td> <td>3240156</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>silver</td> <td>4.80 C-SCF 2,5/4,8X0,5</td> <td>3240157</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>silver</td> <td>4.80 C-SCF 2,5/4,8X0,8</td> <td>3240158</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>silver</td> <td>6.30 C-SCF 2,5/6,3X0,8</td> <td>3240159</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>silver</td> <td>6.30 C-SCF 6/6,3X0,8</td> <td>3240160</td> </tr> </tbody> </table>					Cross-section mm ²	Color AWG	Width mm	Description	Order No.	0.5 - 1	20 - 18	silver	2.80 C-SCF 1/2,8X0,5	3240152	0.5 - 1	20 - 18	silver	2.80 C-SCF 1/2,8X0,8	3240153	0.5 - 1.5	20 - 16	silver	4.80 C-SCF 1,5/4,8X0,5	3240154	0.5 - 1.5	20 - 16	silver	4.80 C-SCF 1,5/4,8X0,8	3240155	0.5 - 1.5	20 - 16	silver	6.30 C-SCF 1,5/6,3X0,8	3240156	1.5 - 2.5	16 - 14	silver	4.80 C-SCF 2,5/4,8X0,5	3240157	1.5 - 2.5	16 - 14	silver	4.80 C-SCF 2,5/4,8X0,8	3240158	1.5 - 2.5	16 - 14	silver	6.30 C-SCF 2,5/6,3X0,8	3240159	4 - 6	12 - 10	silver	6.30 C-SCF 6/6,3X0,8	3240160	<table border="1"> <thead> <tr> <th>Cross-section mm²</th> <th>Color AWG</th> <th>Hole Ø mm</th> <th>Description</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>red 3.20</td> <td>C-RCI 1,5/M3</td> <td>3240016</td> </tr> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>red 3.70</td> <td>C-RCI 1,5/M3,5</td> <td>3240017</td> </tr> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>red 4.30</td> <td>C-RCI 1,5/M4</td> <td>3240018</td> </tr> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>red 5.30</td> <td>C-RCI 1,5/M5</td> <td>3240019</td> </tr> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>red 6.50</td> <td>C-RCI 1,5/M6</td> <td>3240020</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 3.20</td> <td>C-RCI 2,5/M3</td> <td>3240021</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 3.20</td> <td>C-RCI 2,5/M3-B</td> <td>1200334</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 3.70</td> <td>C-RCI 2,5/M3,5</td> <td>3240022</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 3.70</td> <td>C-RCI 2,5/M3,5-B</td> <td>1200335</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 4.30</td> <td>C-RCI 2,5/M4</td> <td>3240023</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 4.30</td> <td>C-RCI 2,5/M4-B</td> <td>1200336</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 5.30</td> <td>C-RCI 2,5/M5</td> <td>3240024</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 5.30</td> <td>C-RCI 2,5/M6-B</td> <td>1200337</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 6.50</td> <td>C-RCI 2,5/M6</td> <td>3240025</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 8.50</td> <td>C-RCI 2,5/M8</td> <td>3240026</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 4.30</td> <td>C-RCI 6/M4</td> <td>3240027</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 4.30</td> <td>C-RCI 6/M4-B</td> <td>1200338</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 5.30</td> <td>C-RCI 6/M5</td> <td>3240028</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 5.30</td> <td>C-RCI 6/M5-B</td> <td>1200339</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 6.50</td> <td>C-RCI 6/M6</td> <td>3240029</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 6.50</td> <td>C-RCI 6/M6-B</td> <td>1200340</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 8.50</td> <td>C-RCI 6/M8</td> <td>3240030</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 10.50</td> <td>C-RCI 6/M10</td> <td>3240031</td> </tr> <tr> <td>- 10</td> <td>- 8</td> <td>red 5.30</td> <td>C-RCI 10/M5</td> <td>3240219</td> </tr> <tr> <td>- 10</td> <td>- 8</td> <td>red 6.50</td> <td>C-RCI 10/M6</td> <td>3240220</td> </tr> <tr> <td>- 10</td> <td>- 8</td> <td>red 8.40</td> <td>C-RCI 10/M8</td> <td>3240221</td> </tr> <tr> <td>- 10</td> <td>- 8</td> <td>red 10.50</td> <td>C-RCI 10/M10</td> <td>3240222</td> </tr> </tbody> </table>					Cross-section mm ²	Color AWG	Hole Ø mm	Description	Order No.	0.5 - 1.5	20 - 16	red 3.20	C-RCI 1,5/M3	3240016	0.5 - 1.5	20 - 16	red 3.70	C-RCI 1,5/M3,5	3240017	0.5 - 1.5	20 - 16	red 4.30	C-RCI 1,5/M4	3240018	0.5 - 1.5	20 - 16	red 5.30	C-RCI 1,5/M5	3240019	0.5 - 1.5	20 - 16	red 6.50	C-RCI 1,5/M6	3240020	1.5 - 2.5	16 - 14	blue 3.20	C-RCI 2,5/M3	3240021	1.5 - 2.5	16 - 14	blue 3.20	C-RCI 2,5/M3-B	1200334	1.5 - 2.5	16 - 14	blue 3.70	C-RCI 2,5/M3,5	3240022	1.5 - 2.5	16 - 14	blue 3.70	C-RCI 2,5/M3,5-B	1200335	1.5 - 2.5	16 - 14	blue 4.30	C-RCI 2,5/M4	3240023	1.5 - 2.5	16 - 14	blue 4.30	C-RCI 2,5/M4-B	1200336	1.5 - 2.5	16 - 14	blue 5.30	C-RCI 2,5/M5	3240024	1.5 - 2.5	16 - 14	blue 5.30	C-RCI 2,5/M6-B	1200337	1.5 - 2.5	16 - 14	blue 6.50	C-RCI 2,5/M6	3240025	1.5 - 2.5	16 - 14	blue 8.50	C-RCI 2,5/M8	3240026	4 - 6	12 - 10	yellow 4.30	C-RCI 6/M4	3240027	4 - 6	12 - 10	yellow 4.30	C-RCI 6/M4-B	1200338	4 - 6	12 - 10	yellow 5.30	C-RCI 6/M5	3240028	4 - 6	12 - 10	yellow 5.30	C-RCI 6/M5-B	1200339	4 - 6	12 - 10	yellow 6.50	C-RCI 6/M6	3240029	4 - 6	12 - 10	yellow 6.50	C-RCI 6/M6-B	1200340	4 - 6	12 - 10	yellow 8.50	C-RCI 6/M8	3240030	4 - 6	12 - 10	yellow 10.50	C-RCI 6/M10	3240031	- 10	- 8	red 5.30	C-RCI 10/M5	3240219	- 10	- 8	red 6.50	C-RCI 10/M6	3240220	- 10	- 8	red 8.40	C-RCI 10/M8	3240221	- 10	- 8	red 10.50	C-RCI 10/M10	3240222
Cross-section mm ²	Color AWG	Width mm	Description	Order No.																																																																																																																																																																																																			
0.5 - 1	20 - 18	silver	2.80 C-SCF 1/2,8X0,5	3240152																																																																																																																																																																																																			
0.5 - 1	20 - 18	silver	2.80 C-SCF 1/2,8X0,8	3240153																																																																																																																																																																																																			
0.5 - 1.5	20 - 16	silver	4.80 C-SCF 1,5/4,8X0,5	3240154																																																																																																																																																																																																			
0.5 - 1.5	20 - 16	silver	4.80 C-SCF 1,5/4,8X0,8	3240155																																																																																																																																																																																																			
0.5 - 1.5	20 - 16	silver	6.30 C-SCF 1,5/6,3X0,8	3240156																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	silver	4.80 C-SCF 2,5/4,8X0,5	3240157																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	silver	4.80 C-SCF 2,5/4,8X0,8	3240158																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	silver	6.30 C-SCF 2,5/6,3X0,8	3240159																																																																																																																																																																																																			
4 - 6	12 - 10	silver	6.30 C-SCF 6/6,3X0,8	3240160																																																																																																																																																																																																			
Cross-section mm ²	Color AWG	Hole Ø mm	Description	Order No.																																																																																																																																																																																																			
0.5 - 1.5	20 - 16	red 3.20	C-RCI 1,5/M3	3240016																																																																																																																																																																																																			
0.5 - 1.5	20 - 16	red 3.70	C-RCI 1,5/M3,5	3240017																																																																																																																																																																																																			
0.5 - 1.5	20 - 16	red 4.30	C-RCI 1,5/M4	3240018																																																																																																																																																																																																			
0.5 - 1.5	20 - 16	red 5.30	C-RCI 1,5/M5	3240019																																																																																																																																																																																																			
0.5 - 1.5	20 - 16	red 6.50	C-RCI 1,5/M6	3240020																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 3.20	C-RCI 2,5/M3	3240021																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 3.20	C-RCI 2,5/M3-B	1200334																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 3.70	C-RCI 2,5/M3,5	3240022																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 3.70	C-RCI 2,5/M3,5-B	1200335																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 4.30	C-RCI 2,5/M4	3240023																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 4.30	C-RCI 2,5/M4-B	1200336																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 5.30	C-RCI 2,5/M5	3240024																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 5.30	C-RCI 2,5/M6-B	1200337																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 6.50	C-RCI 2,5/M6	3240025																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 8.50	C-RCI 2,5/M8	3240026																																																																																																																																																																																																			
4 - 6	12 - 10	yellow 4.30	C-RCI 6/M4	3240027																																																																																																																																																																																																			
4 - 6	12 - 10	yellow 4.30	C-RCI 6/M4-B	1200338																																																																																																																																																																																																			
4 - 6	12 - 10	yellow 5.30	C-RCI 6/M5	3240028																																																																																																																																																																																																			
4 - 6	12 - 10	yellow 5.30	C-RCI 6/M5-B	1200339																																																																																																																																																																																																			
4 - 6	12 - 10	yellow 6.50	C-RCI 6/M6	3240029																																																																																																																																																																																																			
4 - 6	12 - 10	yellow 6.50	C-RCI 6/M6-B	1200340																																																																																																																																																																																																			
4 - 6	12 - 10	yellow 8.50	C-RCI 6/M8	3240030																																																																																																																																																																																																			
4 - 6	12 - 10	yellow 10.50	C-RCI 6/M10	3240031																																																																																																																																																																																																			
- 10	- 8	red 5.30	C-RCI 10/M5	3240219																																																																																																																																																																																																			
- 10	- 8	red 6.50	C-RCI 10/M6	3240220																																																																																																																																																																																																			
- 10	- 8	red 8.40	C-RCI 10/M8	3240221																																																																																																																																																																																																			
- 10	- 8	red 10.50	C-RCI 10/M10	3240222																																																																																																																																																																																																			
Description With additional crimp zone for conductor insulation Material / coating: copper / tin-plated Temperature range: -20 ... 105°C					<table border="1"> <thead> <tr> <th>Cross-section mm²</th> <th>Color</th> <th>Hole Ø mm</th> <th>Description</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>red 3.20</td> <td>C-RCEI 1,5/M3</td> <td>3241201</td> </tr> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>red 3.70</td> <td>C-RCEI 1,5/M3,5</td> <td>3241202</td> </tr> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>red 4.30</td> <td>C-RCEI 1,5/M4</td> <td>3241203</td> </tr> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>red 5.30</td> <td>C-RCEI 1,5/M5</td> <td>3241204</td> </tr> <tr> <td>0.5 - 1.5</td> <td>20 - 16</td> <td>red 6.50</td> <td>C-RCEI 1,5/M6</td> <td>3241205</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 3.70</td> <td>C-RCEI 2,5/M3,5</td> <td>3241206</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 4.30</td> <td>C-RCEI 2,5/M4</td> <td>3241207</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 5.30</td> <td>C-RCEI 2,5/M5</td> <td>3241208</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 6.50</td> <td>C-RCEI 2,5/M6</td> <td>3241209</td> </tr> <tr> <td>1.5 - 2.5</td> <td>16 - 14</td> <td>blue 8.50</td> <td>C-RCEI 2,5/M8</td> <td>3241210</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 5.30</td> <td>C-RCEI 6/M5</td> <td>3241211</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 6.50</td> <td>C-RCEI 6/M6</td> <td>3241212</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 8.50</td> <td>C-RCEI 6/M8</td> <td>3241213</td> </tr> <tr> <td>4 - 6</td> <td>12 - 10</td> <td>yellow 10.50</td> <td>C-RCEI 6/M10</td> <td>3241214</td> </tr> </tbody> </table>					Cross-section mm ²	Color	Hole Ø mm	Description	Order No.	0.5 - 1.5	20 - 16	red 3.20	C-RCEI 1,5/M3	3241201	0.5 - 1.5	20 - 16	red 3.70	C-RCEI 1,5/M3,5	3241202	0.5 - 1.5	20 - 16	red 4.30	C-RCEI 1,5/M4	3241203	0.5 - 1.5	20 - 16	red 5.30	C-RCEI 1,5/M5	3241204	0.5 - 1.5	20 - 16	red 6.50	C-RCEI 1,5/M6	3241205	1.5 - 2.5	16 - 14	blue 3.70	C-RCEI 2,5/M3,5	3241206	1.5 - 2.5	16 - 14	blue 4.30	C-RCEI 2,5/M4	3241207	1.5 - 2.5	16 - 14	blue 5.30	C-RCEI 2,5/M5	3241208	1.5 - 2.5	16 - 14	blue 6.50	C-RCEI 2,5/M6	3241209	1.5 - 2.5	16 - 14	blue 8.50	C-RCEI 2,5/M8	3241210	4 - 6	12 - 10	yellow 5.30	C-RCEI 6/M5	3241211	4 - 6	12 - 10	yellow 6.50	C-RCEI 6/M6	3241212	4 - 6	12 - 10	yellow 8.50	C-RCEI 6/M8	3241213	4 - 6	12 - 10	yellow 10.50	C-RCEI 6/M10	3241214																																																																																																																			
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0.5 - 1.5	20 - 16	red 5.30	C-RCEI 1,5/M5	3241204																																																																																																																																																																																																			
0.5 - 1.5	20 - 16	red 6.50	C-RCEI 1,5/M6	3241205																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 3.70	C-RCEI 2,5/M3,5	3241206																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 4.30	C-RCEI 2,5/M4	3241207																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 5.30	C-RCEI 2,5/M5	3241208																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 6.50	C-RCEI 2,5/M6	3241209																																																																																																																																																																																																			
1.5 - 2.5	16 - 14	blue 8.50	C-RCEI 2,5/M8	3241210																																																																																																																																																																																																			
4 - 6	12 - 10	yellow 5.30	C-RCEI 6/M5	3241211																																																																																																																																																																																																			
4 - 6	12 - 10	yellow 6.50	C-RCEI 6/M6	3241212																																																																																																																																																																																																			
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4 - 6	12 - 10	yellow 10.50	C-RCEI 6/M10	3241214																																																																																																																																																																																																			

CRIMPFOX – corresponding connectors for the CRIMPFOX series

Ring cable lugs, uninsulated

The ring cable lugs without plastic sleeves 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 to be achieved.



Description

Uninsulated according to DIN 46234

Material / coating: copper / tin-plated

Temperature range: ... 110°C

Cross-section mm ²	Color	Hole Ø mm	Description	Order No.	Cross-section mm ²	Color	Hole Ø mm	Description	Order No.		
AWG					AWG						
0.5 - 1	20 - 18	silver	2.80	C-RC 1/M2,5 DIN	3240069	- 95	- 3/0	silver	8.40	C-RC 95/M8 DIN	3240120
0.5 - 1	20 - 18	silver	3.20	C-RC 1/M3 DIN	3240070	- 95	- 3/0	silver	10.50	C-RC 95/M10 DIN	3240121
0.5 - 1	20 - 18	silver	3.70	C-RC 1/M3,5 DIN	3240071	- 95	- 3/0	silver	13.00	C-RC 95/M12 DIN	3240122
0.5 - 1	20 - 18	silver	4.30	C-RC 1/M4 DIN	3240072	- 95	- 3/0	silver	17.00	C-RC 95/M16 DIN	3240123
0.5 - 1	20 - 18	silver	5.30	C-RC 1/M5 DIN	3240073	-120	- 4/0	silver	17.00	C-RC 120/M16 DIN	3240127
0.5 - 1	20 - 18	silver	6.50	C-RC 1/M6 DIN	3240074	120	250	silver	8.40	C-RC 120/M8 DIN	3240124
0.5 - 1	20 - 18	silver	8.40	C-RC 1/M8 DIN	3240075	120	250	silver	10.50	C-RC 120/M10 DIN	3240125
1 - 2.5	18 - 14	silver	3.20	C-RC 2,5/M3 DIN	3240076	120	250	silver	13.00	C-RC 120/M12 DIN	3240126
1 - 2.5	18 - 14	silver	3.70	C-RC 2,5/M3,5 DIN	3240077	150	300	silver	10.50	C-RC 150/M10 DIN	3240128
1 - 2.5	18 - 14	silver	4.30	C-RC 2,5/M4 DIN	3240078	150	300	silver	13.00	C-RC 150/M12 DIN	3240129
1 - 2.5	18 - 14	silver	5.30	C-RC 2,5/M5 DIN	3240079	150	300	silver	17.00	C-RC 150/M16 DIN	3240130
1 - 2.5	18 - 14	silver	6.50	C-RC 2,5/M6 DIN	3240080	185	350	silver	10.50	C-RC 185/M10 DIN	3240131
1 - 2.5	18 - 14	silver	8.40	C-RC 2,5/M8 DIN	3240081	185	350	silver	13.00	C-RC 185/M12 DIN	3240132
1 - 2.5	18 - 14	silver	10.50	C-RC 2,5/M10 DIN	3240082	185	350	silver	17.00	C-RC 185/M16 DIN	3240133
2.5 - 6	14 - 10	silver	4.30	C-RC 6/M4 DIN	3240083	240	500	silver	10.50	C-RC 240/M10 DIN	3240134
2.5 - 6	14 - 10	silver	5.30	C-RC 6/M5 DIN	3240084	240	500	silver	13.00	C-RC 240/M12 DIN	3240135
2.5 - 6	14 - 10	silver	6.50	C-RC 6/M6 DIN	3240085	240	500	silver	17.00	C-RC 240/M16 DIN	3240136
2.5 - 6	14 - 10	silver	8.40	C-RC 6/M8 DIN	3240086						
2.5 - 6	14 - 10	silver	10.50	C-RC 6/M10 DIN	3240087						
2.5 - 6	14 - 10	silver	13.00	C-RC 6/M12 DIN	3240088						
- 10	- 8	silver	5.30	C-RC 10/M5 DIN	3240089						
- 10	- 8	silver	6.50	C-RC 10/M6 DIN	3240090						
- 10	- 8	silver	8.40	C-RC 10/M8 DIN	3240091						
- 10	- 8	silver	10.50	C-RC 10/M10 DIN	3240092						
- 10	- 8	silver	13.00	C-RC 10/M12 DIN	3240093						
- 16	- 6	silver	5.30	C-RC 16/M5 DIN	3240094						
- 16	- 6	silver	6.50	C-RC 16/M6 DIN	3240095						
- 16	- 6	silver	8.40	C-RC 16/M8 DIN	3240096						
- 16	- 6	silver	10.50	C-RC 16/M10 DIN	3240097						
- 16	- 6	silver	13.00	C-RC 16/M12 DIN	3240098						
- 25	- 4	silver	5.30	C-RC 25/M5 DIN	3240099						
- 25	- 4	silver	6.50	C-RC 25/M6 DIN	3240100						
- 25	- 4	silver	8.40	C-RC 25/M8 DIN	3240101						
- 25	- 4	silver	10.50	C-RC 25/M10 DIN	3240102						
- 25	- 4	silver	13.00	C-RC 25/M12 DIN	3240103						
- 25	- 4	silver	17.00	C-RC 25/M16 DIN	3240104						
- 35	- 2	silver	6.50	C-RC 35/M6 DIN	3240105	0.5 - 1.5	20 - 16	silver	3.20	C-FC 1,5/M3	3240137
- 35	- 2	silver	8.40	C-RC 35/M8 DIN	3240106	0.5 - 1.5	20 - 16	silver	3.70	C-FC 1,5/M3,5	3240138
- 35	- 2	silver	10.50	C-RC 35/M10 DIN	3240107	0.5 - 1.5	20 - 16	silver	4.30	C-FC 1,5/M4	3240139
- 35	- 2	silver	13.00	C-RC 35/M12 DIN	3240108	0.5 - 1.5	20 - 16	silver	5.30	C-FC 1,5/M5	3240140
- 35	- 2	silver	17.00	C-RC 35/M16 DIN	3240109	0.5 - 1.5	20 - 16	silver	6.40	C-FC 1,5/M6	3240141
- 50	- 1/0	silver	6.50	C-RC 50/M6 DIN	3240110	1.5 - 2.5	16 - 14	silver	3.20	C-FC 2,5/M3	3240142
- 50	- 1/0	silver	8.40	C-RC 50/M8 DIN	3240111	1.5 - 2.5	16 - 14	silver	3.70	C-FC 2,5/M3,5	3240143
- 50	- 1/0	silver	10.50	C-RC 50/M10 DIN	3240112	1.5 - 2.5	16 - 14	silver	4.30	C-FC 2,5/M4	3240144
- 50	- 1/0	silver	13.00	C-RC 50/M12 DIN	3240113	1.5 - 2.5	16 - 14	silver	5.30	C-FC 2,5/M5	3240145
- 50	- 1/0	silver	17.00	C-RC 50/M16 DIN	3240114	1.5 - 2.5	16 - 14	silver	6.40	C-FC 2,5/M6	3240146
- 70	- 2/0	silver	6.50	C-RC 70/M6 DIN	3240115	1.5 - 2.5	16 - 14	silver	8.40	C-FC 2,5/M8	3240147
- 70	- 2/0	silver	8.40	C-RC 70/M8 DIN	3240116	4 - 6	12 - 10	silver	4.30	C-FC 6/M4	3240148
- 70	- 2/0	silver	10.50	C-RC 70/M10 DIN	3240117	4 - 6	12 - 10	silver	5.30	C-FC 6/M5	3240149
- 70	- 2/0	silver	13.00	C-RC 70/M12 DIN	3240118	4 - 6	12 - 10	silver	6.40	C-FC 6/M6	3240150
- 70	- 2/0	silver	17.00	C-RC 70/M16 DIN	3240119	4 - 6	12 - 10	silver	8.40	C-FC 6/M8	3240151

Fork-type cable lugs, uninsulated

The fork-type cable lugs without insulation have a hard-soldered neck. When used in conjunction with the CRIMPFOX-RC... pliers, they achieve maximum conductor pull-out forces.



Description

Uninsulated according to DIN 46234

Material / coating: copper / tin-plated

Temperature range: ... 110°C

Cross-section mm ²	Color	Fork size mm	Description	Order No.
AWG				
0.5 - 1.5	silver	3.20	C-FC 1,5/M3	3240137
0.5 - 1.5	silver	3.70	C-FC 1,5/M3,5	3240138
0.5 - 1.5	silver	4.30	C-FC 1,5/M4	3240139
0.5 - 1.5	silver	5.30	C-FC 1,5/M5	3240140
0.5 - 1.5	silver	6.40	C-FC 1,5/M6	3240141
1.5 - 2.5	silver	3.20	C-FC 2,5/M3	3240142
1.5 - 2.5	silver	3.70	C-FC 2,5/M3,5	3240143
1.5 - 2.5	silver	4.30	C-FC 2,5/M4	3240144
1.5 - 2.5	silver	5.30	C-FC 2,5/M5	3240145
1.5 - 2.5	silver	6.40	C-FC 2,5/M6	3240146
1.5 - 2.5	silver	8.40	C-FC 2,5/M8	3240147
4 - 6	silver	4.30	C-FC 6/M4	3240148
4 - 6	silver	5.30	C-FC 6/M5	3240149
4 - 6	silver	6.40	C-FC 6/M6	3240150
4 - 6	silver	8.40	C-FC 6/M8	3240151

CRIMPFOX – corresponding connectors for the CRIMPFOX series

Fork-type cable lugs, insulated					Slip-on sleeves and blade connectors, insulated				
<p>The insulated fork-type cable lugs are halogen-free and feature "EASY ENTRY" technology. When used in conjunction with the CRIMPFOX-RCI pliers, these cable lugs achieve maximum conductor pull-out forces.</p> 					<p>The insulated slip-on blade connectors and slip-on sleeves with plastic collars feature easy and safe conductor insertion with "EASY ENTRY" technology, a hard-soldered crimping zone for maximum pull-out forces, electrolytic tin plating, and they are halogen-free.</p> 				
Description According to UL Material / coating: copper / tin-plated Temperature range: -20 ... 105°C					Description Slip-on sleeve, insulated according to UL Material / coating: brass / tin-plated Temperature range: -20 ... 105°C				
Cross-section mm ²	Color AWG	Fork size mm	Description	Order No.	Cross-section mm ²	Color	Width mm	Description	Order No.
0.5 - 1.5	20 - 16	red 3.20	C-FCI 1,5/M3	3240032	0.5 - 1.5	20 - 16	red 2.80	C-SCFI 1,5/2,8X0,5	3240048
0.5 - 1.5	20 - 16	red 3.70	C-FCI 1,5/M3,5	3240033	0.5 - 1.5	20 - 16	red 2.80	C-SCFI 1,5/2,8X0,8	3240049
0.5 - 1.5	20 - 16	red 4.30	C-FCI 1,5/M4	3240034	0.5 - 1.5	20 - 16	red 4.80	C-SCFI 1,5/4,8X0,5	3240050
0.5 - 1.5	20 - 16	red 5.30	C-FCI 1,5/M5	3240035	0.5 - 1.5	20 - 16	red 4.80	C-SCFI 1,5/4,8X0,8	3240051
0.5 - 1.5	20 - 16	red 6.50	C-FCI 1,5/M6	3240036	0.5 - 1.5	20 - 16	red 6.30	C-SCFI 1,5/6,3X0,8	3240052
1.5 - 2.5	16 - 14	blue 3.20	C-FCI 2,5/M3	3240037	1.5 - 2.5	16 - 14	blue 4.80	C-SCFI 2,5/4,8X0,5	3240053
1.5 - 2.5	16 - 14	blue 3.70	C-FCI 2,5/M3,5	3240038	1.5 - 2.5	16 - 14	blue 4.80	C-SCFI 2,5/4,8X0,8	3240054
1.5 - 2.5	16 - 14	blue 4.30	C-FCI 2,5/M4	3240039	1.5 - 2.5	16 - 14	blue 6.30	C-SCFI 2,5/6,3X0,8	3240055
1.5 - 2.5	16 - 14	blue 5.30	C-FCI 2,5/M5	3240040	4 - 6	12 - 10	yellow 6.30	C-SCFI 6/6,3X0,8	3240056
1.5 - 2.5	16 - 14	blue 6.50	C-FCI 2,5/M6	3240041	Slip-on blade connector, insulated according to UL				
4 - 6	12 - 10	yellow 4.30	C-FCI 6/M4	3240042	0.5 - 1.5	20 - 16	red 6.30	C-SCMI 1,5/6,3X0,8	3240058
4 - 6	12 - 10	yellow 5.30	C-FCI 6/M5	3240043	0.5 - 1.5	16 - 14	blue 6.30	C-SCMI 2,5/6,3X0,8	3240059
4 - 6	12 - 10	yellow 6.50	C-FCI 6/M6	3240044	4 - 6	12 - 10	yellow 6.30	C-SCMI 6/6,3X0,8	3240060
4 - 6	12 - 10	yellow 8.50	C-FCI 6/M8	3240045					

Flat pin cable lugs with hooks, insulated					Flat pin cable lugs, straight, insulated					
The insulated flat pin cable lugs with plastic collars feature easy and safe conductor insertion with "EASY ENTRY" technology, electrolytic tin plating, and they are halogen-free.					Easy and safe conductor insertion with "EASY ENTRY," hard-soldered crimping zone for maximum conductor pull-out forces in conjunction with the CRIMPFOX RCI... pliers, electrolytically tin-plated, halogen-free.					
Description Material / coating: copper / tin-plated Temperature range: -20 ... 105°C					Description Material / coating: copper / electrolytically tin-plated Temperature range: -20 ... 105°C					
Cross-section mm ²	Color AWG	Pin width mm	Description	Order No.	Cross-section Pin dim. mm:	Color	Pin width mm	Description	Order No.	
0 - 1.5	20 - 16	red 2.80	C-BCI 1,5/2,8	3240015	19,5 x 2,8	0.5 - 1.5	20 - 16	red 2.80	C-BCSI 1,5/9X2,8	3240531
0.5 - 1.5	20 - 16	red 4.60	C-BCI 1,5/4,6	3240568	32 x 4,5	1.5 - 2.5	16 - 14	blue 2.80	C-BCSI 2,5/9X2,8	3240532
1.5 - 2.5	16 - 14	blue 2.80	C-BCI 2,5/2,8	3240046	32 x 4,5	4 - 6	12 - 10	yellow 2.80	C-BCSI 6/10X2,8	3240546
1.5 - 2.5	16 - 14	blue 4.60	C-BCI 2,5/4,6	3240569	24 x 2,8	4 - 6	12 - 10	yellow 4.50	C-BCSI 6/18X4,5	3240533
4 - 6	12 - 10	yellow 2.80	C-BCI 6/2,8	3240047						
4 - 6	12 - 10	yellow 4.60	C-BCI 6/4,6	3240570						

CRIMPFOX – corresponding connectors for the CRIMPFOX series

Pin cable lugs, insulated

The insulated pin cable lugs with plastic collars feature easy and safe conductor insertion with "EASY ENTRY" technology, hard-soldered crimping zone for maximum pull-out forces, and electrolytic tin plating, and they are halogen-free.



Butt connectors, fully insulated

Conductor push-through protection, hard-soldered crimping zone for maximum conductor pull-out forces in conjunction with the CRIMPFOX RCI... pliers, electrolytically tin-plated, halogen-free.



Description

Insulated according to UL
Material / coating: copper / tin-plated
Temperature range: -20 ... 105°C

Cross-section	Color	Pin Ø	Description	Order No.
mm ²	AWG	mm		
0.5 - 1	20 - 16	red	2.00	C-PCI 1,5/2 3240064
1.5 - 2.5	16 - 14	blue	2.00	C-PCI 2,5/2 3240066
4 - 6	12 - 10	yellow	2.70	C-PCI 6/2,7 3240068

Description

Material / coating: copper / electrolytically tin-plated
Temperature range: -20 ... 105°C

Cross-section	Color	Width	Description	Order No.
mm ²	AWG	mm		
0 - 1.5	20 - 16	red	4.00	C-JCI1,5 3240061
1.5 - 2.5	16 - 14	blue	4.50	C-JCI2,5 3240062
4 - 6	12 - 10	yellow	6.00	C-JCI6 3240063

Pin cable lugs, insulated with additional crimp zone

The insulated pin cable lugs with plastic collars feature easy and safe conductor insertion with "EASY ENTRY" technology, hard-soldered crimping zone for maximum pull-out forces, and electrolytic tin plating, and they are halogen-free.



Slip-on sleeves, fully insulated

Easy and safe conductor insertion with "EASY ENTRY," hard-soldered crimping zone for maximum conductor pull-out forces in conjunction with the CRIMPFOX RCI... pliers, electrolytically tin-plated, halogen-free.



Description

Material / coating: copper / tin-plated
Temperature range: -20 ... 105°C

Cross-section	Color	Pin Ø	Description	Order No.
mm ²	AWG	mm		
0.5 - 1	20 - 16	red	2.00	C-PCEI 1,5/2 3241215
1.5 - 2.5	16 - 14	blue	2.00	C-PCEI 2,5/2 3241216
4 - 6	12 - 10	yellow	2.70	C-PCEI 6/2 3241217

Description

For connectors
Material / coating: brass / electrolytically tin-plated
Temperature range: -20 ... 105°C

Cross-section	Color	Width	Description	Order No.
mm ²	AWG	mm		
2.8 x 0.5 mm	0.5 - 1.5	20 - 16	red	2.80 C-SCFFI 1,5/2,8X0,5 3240534
2.8 x 0.8 mm	0.5 - 1.5	20 - 16	red	2.80 C-SCFFI 1,5/2,8X0,8 3240535
4.8 x 0.5 mm	0.5 - 1.5	20 - 16	red	4.80 C-SCFFI 1,5/4,8X0,5 3240536
4.8 x 0.8 mm	0.5 - 1.5	20 - 16	red	4.80 C-SCFFI 1,5/4,8X0,8 3240537
6.3 x 0.8 mm	0.5 - 1.5	20 - 16	red	6.30 C-SCFFI 1,5/6,3X0,8 3240538
4.8 x 0.5 mm	1.5 - 2.5	16 - 14	blue	4.80 C-SCFFI 2,5/4,8X0,5 3240539
4.8 x 0.8 mm	1.5 - 2.5	16 - 14	blue	4.80 C-SCFFI 2,5/4,8X0,8 3240540
6.3 x 0.8 mm	1.5 - 2.5	16 - 14	blue	6.30 C-SCFFI 2,5/6,3X0,8 3240547
6.3 x 0.8 mm	4 - 6	12 - 10	yellow	6.30 C-SCFFI 6/6,3X0,8 3240541

Slip-on distributors, insulated

Easy and safe conductor insertion with "EASY ENTRY," hard-soldered crimping zone for maximum conductor pull-out forces in conjunction with the CRIMPFOX RCI... pliers, electrolytically tin-plated, halogen-free.



Description

For 6.3 x 0.8 mm connectors and sleeves
Material / coating: brass / electrolytically tin-plated
Temperature range: -20 ... 105°C

Cross-section	Color	Width	Description	Order No.
mm ²	AWG	mm		
0.5 - 1	20 - 16	red	6.30	C-SCFMI 1,5/6,3X0,8 3240529
1.5 - 2.5	16 - 14	blue	6.30	C-SCFMI 2,5/6,3X0,8 3240530

Tool and crimp sets

 	 	 
<p>CRIMPSET 6 Order No. 1202072</p> <p>Assortment box, metal</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Ferrules according to DIN 46228-4: 1990-09, CSA-certified 500 pcs. each of: <ul style="list-style-type: none"> - 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 pcs.: <ul style="list-style-type: none"> - AI 2,5-8 BU 200 pcs.: <ul style="list-style-type: none"> - AI 4-10 GY 100 pcs.: <ul style="list-style-type: none"> - AI 6-12 YE • Stripping tool for cables and conductors up to 6 mm², QUICK WIREFOX 6 • Crimping pliers with integrated pressure lock for ferrules from 0.5 to 6 mm², front entry, CRIMPFOX 6T <p>CRIMPSET 6/25 EMPTY 1204041</p>	<p>CRIMPSET 25 Order No. 1202580</p> <p>Assortment box, metal</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Ferrules according to DIN 46228-4: 1990-09, CSA-certified 300 pcs.: <ul style="list-style-type: none"> - AI 10-12 RD 200 pcs.: <ul style="list-style-type: none"> - AI 16-12 BU 100 pcs.: <ul style="list-style-type: none"> - AI 25-16 YE • Stripping tool for dismantling cables from 4.5 to 40 mm Ø, WIREFOX-D 40 • Crimping pliers with integrated pressure lock for ferrules from 10 to 25 mm², lateral entry, CRIMPFOX 25R 	<p>AI SORTI BOX RD Order No. 3202960</p> <p>Assortment box, red</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Ferrules according to DIN 46228-4, CSA-certified 50 pcs. each of: <ul style="list-style-type: none"> - AI 0,5-8 WH, AI 2,5-8 BU 100 pcs. each of: <ul style="list-style-type: none"> - AI 0,75-8 GY, AI 1-8 RD, AI 1,5-8 BK <p>For further assortment boxes, see www.phoenixcontact.net/products</p> <ul style="list-style-type: none"> • AI-TWIN SORTI BOX BU 3202986 • AI-TWIN SORTI BOX GY 3202999 • AI SORTI BOX ANT 3202973
		
<p>TOOL DATA SET Order No. 1208856</p> <p>Set for cutting, stripping, and crimping</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Cable cutter for copper and aluminum up to 12 mm in diameter, CUTFOX 12 • Stripping tool for dismantling multi-strand signal, control, and fiberglass cables 2.5 - 11 mm in diameter, WIREFOX-D11 • Basic pliers for accommodating dies for various contact types, CRIMPFOX-M • Die for CRIMPFOX-M, for unshielded RJ45 connectors 	<p>TOOL SET ALLROUND 2 Order No. 1208843</p> <p>Set for cutting, stripping, and crimping</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Cable cutter for copper and aluminum up to 12 mm in diameter, CUTFOX 12 • Stripping tool for cables and conductors from 0.02 to 10 mm², WIREFOX 10 • Crimping pliers with integrated pressure lock for ferrules from 0.14 to 10 mm², CRIMPFOX 10S 	

Tool sets

Universal tool sets for convenient on-site use, equipped with cutting, stripping, and testing tools from the TOOL fox tool range. The pockets are made from robust, durable material.



Description	Order No.	
Set for cutting, stripping, crimping, and screwing, consisting of:		
	TOOL-KIT STANDARD	1212422
CUTFOX 18	CUTFOX 18	Front cable cutter for copper and aluminum up to 18 mm in diameter (up to 50 mm ²)
WIREFOX-D 40	WIREFOX-D 40	Dismantling tool for dismantling cables 4.5 - 40 mm in diameter, insulation thickness of up to 4.5 mm
WIREFOX 10	WIREFOX 10	Stripping pliers for stripping cables and conductors from 0.02 to 10 mm ²
CRIMPFOX 6S-F	CRIMPFOX 6S-F	Crimping pliers for ferrules with self-adjusting die, front conductor entry, and unlockable pressure lock
SZF 1-0,6X3,5	SZF 1-0,6X3,5	Screwdriver
	TOOL-KIT STANDARD EMPTY	Tool kit, empty, 1212423
	TOOL-ZIP BASE CASE EMPTY	Tool zip case empty, with shoulder strap 1005050



Description	Order No.	
Lockable tool case with adjustable strap, equipped with each of the following tools:		
	TOOL-CASE	1212629
CUTFOX 12	CUTFOX 12	Cable cutter for copper and aluminum conductors up to 12 mm in diameter (up to 35 mm ²)
CUTFOX-S VDE	CUTFOX-S VDE	Diagonal cutter for copper and aluminum conductors, VDE-tested
MICROFOX-SB	MICROFOX-SB	Electronic diagonal cutter
WIREFOX 10	WIREFOX 10	Stripping pliers, for stripping conductors up to 10 mm ²
WIREFOX-D 13	WIREFOX-D 13	Stripping tool, for dismantling cables from 8 to 13 mm
WIREFOX-D 28	WIREFOX-D 28	Stripping tool, for dismantling cables from 8 to 28 mm
WIREFOX-D 11	WIREFOX-D 11	Stripping tool for dismantling signal, control, and fiberglass cables up to 11 mm, insulation thickness of up to 1 mm
CRIMPFOX-M SET	CRIMPFOX-M SET	Crimping pliers set for ferrules and insulated and uninsulated cable lugs
CRIMPFOX-M RCI 6/DIE	CRIMPFOX-M RCI 6/DIE	Die, for CRIMPFOX-M, for uninsulated cable lugs, stackable storage box
UNIFOX-C VDE	UNIFOX-C VDE	Combination pliers, VDE version
UNIFOX-P VDE	UNIFOX-P VDE	Needle-nose pliers, VDE version
UNIFOX-WP	UNIFOX-WP	Water pump pliers
SZS 0,4x2,5 VDE	SZS 0,4x2,5 VDE	Screwdriver, bladed, blade: 0.4 x 2.5 x 80 mm, length: 161 mm, VDE version
SZS 0,5x3,0 VDE	SZS 0,5x3,0 VDE	Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm, VDE version
SZS 1,0x4,0 VDE	SZS 1,0x4,0 VDE	Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm, VDE version
SZS 1,0x6,5 VDE	SZS 1,0x6,5 VDE	Screwdriver, bladed, blade: 1.0 x 6.5 x 150 mm, length: 248 mm, VDE version
SZK PH0 VDE	SZK PH0 VDE	Screwdriver, for Phillips Recess screws, size: 0, VDE version
SZK PH1 VDE	SZK PH1 VDE	Screwdriver, for Phillips Recess screws, size: 1, VDE version
SZK PH2 VDE	SZK PH2 VDE	Screwdriver, for Phillips Recess screws, size: 2, VDE version
DUSPOL EXPERT	DUSPOL EXPERT	Voltage tester, for DC and AC voltages from 12 V to 1000 V AC/1100 V DC, IP65
USS 4	USS 4	Control cabinet key, metal, for all common control cabinets
AI SORTI BOX RD	AI SORTI BOX RD	Assortment box, with ferrules, 50 pcs. each of: AI 0,5-8 WH, AI 2,5-8 BU; 100 pcs. each of: AI 0,75-8 GY, AI 1-8 RD, AI 1,5-8 BK
AI-TWIN SORTI BOX BU	AI-TWIN SORTI BOX BU	Assortment box, with TWIN ferrules, 50 pcs. each of: AI-TWIN 2x0,5-8 WH, AI-TWIN 2x0,75-8 GY, AI-TWIN 2x1-8 RD, AI-TWIN 2x 1,5-8 BK; 25 pcs. each of: AI-TWIN 2x2,5-10 BU
Cutting knife		With segment blade
Measuring tape		5 m
	TOOL-CASE EMPTY	Tool case, lockable, with elasticated straps to hold tools in place, empty, 1212628

Tool sets

Universal tool sets for convenient on-site use, equipped with cutting, stripping, and testing tools from the TOOL fox tool range. The pockets are made from robust, durable material.



Description	Order No.	TOOL-WRAP	1212505	TOOL-WRAP 2	1200100
Tool wrap equipped with each of the following tools:		CUTFOX 16 VDE	Cable cutter for copper and aluminum conductors, VDE-tested	CRIMPFOX CENTRUS 6H	
		CUTFOX-S VDE	Diagonal cutter for copper and aluminum conductors, VDE-tested	CUTFOX 18	
		PROFIPOL	Voltage tester, for DC and AC voltages from 6 V to 400 V, IP65	WIREFOX 10	
		SZK PH0	Screwdriver, for Phillips Recess screws, size: 0	WIREFOX 16-1	
		SZK PH1	Screwdriver, for Phillips Recess screws, size: 1	WIREFOX D40	
		SZK PH2	Screwdriver, for Phillips Recess screws, size: 2	Tool set SF-SL/PH/PZ-SL SET S-VDE	
		SZS 0,4X2,5	Screwdriver, bladed, blade: 0.4 x 2.5 x 80 mm, length: 161 mm		
		SZS 0,5X3,0	Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm		
		SZS 1,0X4,0	Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm		
		SZS 1,0X6,5	Screwdriver, bladed, blade: 1.0 x 6.5 x 150 mm, length: 248 mm		
		UNIFOX-C VDE	Combination pliers, VDE version		
		UNIFOX-P VDE	Needle-nose pliers, VDE version		
		TOOL-WRAP EMPTY	Tool wrap, empty, 1212501		



Description	Order No.	TOOL-BAG	1212504
Tool bag with laptop and document compartments, equipped with each of the following tools:		AI SORTI BOX RD	Assortment box, with ferrules, 50 pcs. each of: AI 0,5-8 WH, AI 2,5-8 BU; 100 pcs. each of: AI 0,75-8 GY, AI 1-8 RD, AI 1,5-8 BK
		CRIMPFOX-M SET	Crimping pliers set for ferrules and insulated and uninsulated cable lugs
		CUTFOX 25 VDE	Cable cutter for copper and aluminum conductors, VDE-tested
		CUTFOX-S VDE	Diagonal cutter for copper and aluminum conductors, VDE-tested
		DUSPOL EXPERT	Voltage tester, for DC and AC voltages from 12 V to 1000 V AC/1100 V DC, IP65
		SZK PH0	Screwdriver, for Phillips Recess screws, size: 0
		SZK PH1	Screwdriver, for Phillips Recess screws, size: 1
		SZK PH2	Screwdriver, for Phillips Recess screws, size: 2
		SZS 0,4X2,5	Screwdriver, bladed, blade: 0.4 x 2.5 x 80 mm, length: 161 mm
		SZS 0,5X3,0	Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm
		SZS 1,0X4,0	Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm
		SZS 1,0X6,5	Screwdriver, bladed, blade: 1.0 x 6.5 x 150 mm, length: 248 mm
		UNIFOX-C VDE	Combination pliers, VDE version
		UNIFOX-P VDE	Needle-nose pliers, VDE version
		UNIFOX-WP	Water pump pliers
		USS 4	Control cabinet key, metal, for all common control cabinets
		WIREFOX 10	Stripping tool, for cables and conductors from 4 to 16 mm ² , stripping length up to 18 mm
		WIREFOX-D 40	Stripping tool, for dismantling cables from 4.5 mm to 40 mm, insulation thickness of up to 4.5 mm
		Cutting knife	With segment blade
		Measuring tape	5 m
		TOOL-BAG EMPTY	Tool bag, with document and laptop compartments, empty, 1212500

Tool sets

Universal tool sets for convenient on-site use, equipped with cutting, stripping, and testing tools from the TOOL fox tool range. The pockets are made from robust, durable material.



Description	Order No.	
Tool bag equipped with each of the following tools:		TOOL-CARRIER
CRIMPFOX-M		Basic pliers, for accommodating dies for various contact types
CRIMPFOX-M 10/DIE		Die, for CRIMPFOX-M, for 0.25 - 10 mm ² ferrules, stackable storage box
CUTFOX 18		Cable cutter for copper and aluminum conductors
CUTFOX-S VDE		Diagonal cutter for copper and aluminum conductors, VDE-tested
PROFIPOLO		Voltage tester, for DC and AC voltages from 6 V to 400 V, IP65
SZK PH0		Screwdriver, for Phillips Recess screws, size: 0
SZK PH1		Screwdriver, for Phillips Recess screws, size: 1
SZK PH2		Screwdriver, for Phillips Recess screws, size: 2
SZS 0,4X2,5		Screwdriver, bladed, blade: 0.4 x 2.5 x 80 mm, length: 161 mm
SZS 0,5X3,0		Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm
SZS 1,0X4,0		Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm
SZS 1,0X6,5		Screwdriver, bladed, blade: 1.0 x 6.5 x 150 mm, length: 248 mm
UNIFOX-CE VDE		Combination pliers, angled, VDE version
UNIFOX-P VDE		Needle-nose pliers, VDE version
UNIFOX-WP		Water pump pliers
USS 4		Control cabinet key, metal, for all common control cabinets
WIREFOX 10 VDE		Stripping pliers, for stripping conductors up to 10 mm ²
WIREFOX-D 13		Stripping tool, for dismantling cables from 8 to 13 mm
WIREFOX-D 28		Stripping tool, for dismantling cables from 8 to 28 mm
Cutting knife		With segment blade
Measuring tape	5 m	
TOOL-CARRIER EMPTY		Tool bag, empty, 1212499



Description	Order No.	
Tool belt pouch equipped with each of the following tools:		TOOL-BELTPOUCH
CUTFOX 18		Cable cutter for copper and aluminum conductors up to 18 mm in diameter (up to 50 mm ²)
CUTFOX-S VDE		Diagonal cutter for copper and aluminum conductors, VDE-tested
PROFIPOLO		Voltage tester, for DC and AC voltages from 6 V to 400 V, IP65
SZK PH1		Screwdriver, for Phillips Recess screws, size: 1
SZK PH2		Screwdriver, for Phillips Recess screws, size: 2
SZS 0,5X3,0		Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm
SZS 1,0X4,0		Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm
SZS 1,0X5,5		Screwdriver, bladed, blade: 1.0 x 5.5 x 125 mm, length: 223 mm
UNIFOX-CE VDE		Combination pliers, angled, VDE version
USS 4		Control cabinet key, metal, for all common control cabinets
WIREFOX-D 13		Stripping tool, for dismantling cables from 8 to 13 mm
Cutting knife		With segment blade
Measuring tape	5 m	
TOOL-BELTPOUCH EMPTY		Tool-belt pouch, empty, 1212502

For screwdriver sets, see page 49

SCREWFOX

Screwdrivers and torque screwdrivers

Phoenix Contact's screwdrivers are tailored to fit a multitude of screws. The product line features ergonomically designed handles, durable, specially hardened and tempered drives, and precise torque levels. Adjustable torque and cordless screwdrivers complete the product range.

Ergonomic and durable

Phoenix Contact has the right tool for you, with a wide variety of bits, drives, sizes, and cordless and manual torque options.

- Durable, specially hardened and tempered drives
- High torque transmission with special two-component handle geometry
- Solid, high-quality components and raw materials



Maximum force transmission

Two-component, ergonomically designed handles ensure an optimum grip and help prevent fatigue when working.



Precise torque

Finely adjustable torque enables optimum adaptation to various screw sizes and ensures a consistent torque at all times.



SF-M set

Fit any application with this bit screwdriver set with quick-action chuck.



SCREWFOX screwdriver tools

Screwdrivers for actuating spring-cage and fast-connection terminal blocks

In addition to their standard application, the SZF series screwdrivers are also ideal for actuating modular terminal blocks from the ST... and QTC... series.			
Description	Order No.	Uninsulated	Insulated
Blade: 0.4 x 2.5 x 75 mm, length: 156 mm	SZF 0-0,4X2,5	1204504	ST-BW
Blade: 0.6 x 3.5 x 100 mm, length: 181 mm	SZF 1-0,6X3,5	1204517	ST-BW 0
Blade: 0.8 x 4.0 x 100 mm, length: 198 mm	SZF 2-0,8X4,0	1204520	Spin Top
Blade: 1.0 x 5.5 x 150 mm, length: 248 mm	SZF 3-1,0X5,5	1206612	SZS 0,4X2,0
			1205202

VDE screwdrivers, slender design

Because the insulation runs into the shaft, there is no protruding edge. This means that even deeper-lying screws can be reached with ease.			
Description	Order No.	SF-SL 0,6X3,5-100 S VDE	1212587
		SF-SL 0,8X4,0-100 S VDE	1212588
		SF-SL 1,0X5,5-125 S VDE	1212589
		SF-PZ1-80 S VDE	1212695
		SF-PZ2-100 S VDE	1212696
		SF-PH1-80 S VDE	1212693
		SF-PH2-100 S VDE	1212694
		SF-PZSL 1-80 S VDE	1212699
		SF-PZSL 2-100 S VDE	1212700
		SF-PHSL 1-80 S VDE	1212697
		SF-PHSL 2-100 S VDE	1212698

Bladed screwdrivers, VDE bladed screwdrivers

The blades of Phoenix Contact screwdrivers have a large bearing surface in the screw head. This is the only way to achieve the required torque.			
Description	Order No.	Insulated	Uninsulated
		SZS 0,4X2,5	1205037
		SZS 0,5X3,0	1207404
		SZS 0,6X2,5	1205040
		SZS 0,6X3,5	1212602
		SZS 0,8X4,0	1212508
		SZS 1,0X4,0	1205066
		SZS 1,0X5,5	1209114
		SZS 1,0X6,5	1205079
		SZS 1,2X8,0	1205082
		SF-SL 0,4X2,0-60	1212546
		SF-SL 0,4X2,5-75	1212547
		SF-SL 0,5X3,0-80	1212548
		SF-SL 0,6X3,5-100	1212549
		SF-SL 0,6X3,5-200	1212550
		SF-SL 0,8X4,0-100	1212551
		SF-SL 1,0X5,5-150	1212552
		SF-SL 1,2X6,5-150	1212553

VDE crosshead screwdrivers with Phillips and Pozidriv drive

The VDE-insulated screwdrivers for Phillips screws are available as Pozidriv/Supadriv and Phillips Recess versions.			
Description	Order No.		
Size: PZ/PH0 x 80 mm, length: 161 mm	SZK PZ0	1206447	SZK PH0
Size: PZ/PH1 x 80 mm, length: 161 mm	SZK PZ1	1206450	SZK PH1
Size: PZ/PH2 x 100 mm, length: 205 mm	SZK PZ2	1206463	SZK PH2
Size: PZ/PH3 x 150 mm, length: 262 mm	SZK PZ3	1212599	SZK PH3
		1205147	1205150
		1205163	1212536

SCREWFOX screwdriver tools

Crosshead screwdrivers with Phillips and Pozidriv drive

Description	Order No.		
Size: PZ/PH0 x 60 mm, length: 141 mm	SF-PZ 0-60	1212562	SF-PH 0-60
Size: PZ/PH1 x 80 mm, length: 178 mm	SF-PZ 1-80	1212563	SF-PH 1-80
Size: PZ/PH2 x 100 mm, length: 205 mm	SF-PZ 2-100	1212564	SF-PH 2-100
Size: PZ/PH3 x 150 mm, length: 262 mm	SF-PZ 3-150	1212565	SF-PH 3-150
			1212558
			1212559
			1212560
			1212561

VDE screwdrivers with plus/minus drive and for test socket screws

The SZG... screwdrivers have been specially designed for driving in test socket screws with a diameter of 2.3 and 4 mm safely and without slipping.			
Description	Order No.		
Blade: 0.6 x 3.5 x 100 mm, length: 198 mm	SF-PZSL 1-80	1212556	SF-PHSL 1-80
Blade: 0.9 x 6.5 x 175 mm, length: 287 mm	SF-PZSL 2-100	1212557	SF-PHSL 2-100
			1212283
			1212288
			SZG 0,6X3,5
			1205121
			SZG 0,9X6,5
			1205134

Hexagonal socket wrenches and screwdrivers

Socket wrenches for tightening hexagonal screws and nuts. Two-component, ergonomically designed handles ensure an optimum grip. The Allen key set is a 9-piece set from 1.5 to 10 mm.			
Description	Order No.	Hexagonal socket wrench	Allen key set
Wrench size: 5.0 mm			SF-LHEX SET
Wrench size: 5.5 mm	SHN 5.5	1209855	1212544
Wrench size: 6.0 mm			
Wrench size: 8.0 mm	SHN 8	1209868	Torxd SET, TX 8-40
Wrench size: 13 mm	SHN 13	1209923	SF-LTX SET
			1200162

SCREWFOX screwdriver tools

Torque screwdrivers with hexagonal fast-connection holder

The high-precision, finely adjustable torque screwdrivers according to EN ISO 6789 are optimally tailored to Phoenix Contact products with a screw connection.			
Description	Order No.	TSD-M 1,2NM 1212224	TSD-M 6NM 1212226
Torque		TSD-M 3NM 1212225	3.0 - 6.0 Nm
Accessories		TSD-M SAC-BIT ADAPTER 1212600	

Hexagonal torque screwdriver with preset torque

The preset 4 mm hexagonal torque screwdrivers are ideal for tightening pressure nuts and sensor/actuator cables of distributor boxes from the PLUSCON product range.		
Description	Order No.	Accessories: nuts for
Blade: hexagonal, 4 mm, 0.2 Nm	TSD 02 SAC 1208487	M8 SAC cable/connector with QUICKON connection
Blade: hexagonal, 4 mm, 0.4 Nm	TSD 04 SAC 1208429	M8 connector, for assembly
Blade: hexagonal, 4 mm, 0.8 Nm	TSD 08 SAC 1212597	M12 SAC cable/connector with QUICKON connection
Blade: hexagonal, 4 mm, 2.0 Nm	TSD 20 SAC 1212020	M12 connector, for assembly
Blade: hexagonal, 4 mm, 2.5 Nm	TSD 25 SAC 1212315	Pressure nuts, wrench size: 13 mm
		Pressure nuts, wrench size: 24 mm
		M12 SAC cable/connector, hexagonal knurl
		SAC BIT HOOD-W24 1212486
		SAC BIT QUICKON-W13 1212033
		7/8 inch SAC cable/connector
		SAC BIT M12-W14 1212513
		SAC BIT MIN-D25 1212512

Newton meters-to-inch-pounds conversion chart

Newton meters	Inch pounds	Newton meters	Inch pounds	Newton meters	Inch pounds
0.2	1.77	2.6	23.01	10.5	92.93
0.3	2.65	2.7	23.89	11.0	97.35
0.4	3.54	2.8	24.78	11.5	101.78
0.5	4.42	2.9	25.66	12.0	106.20
0.6	5.31	3.0	26.55	12.5	110.63
0.7	6.19	3.2	28.32	13.0	115.05
0.8	7.08	3.3	29.20	13.5	119.48
0.9	7.96	3.4	30.09	14.0	123.91
1.0	8.85	3.5	30.97	14.5	128.33
1.2	10.62	4.0	35.40	15.0	132.76
1.3	11.50	4.5	39.82	15.5	137.18
1.4	12.39	5.0	44.25	16.0	141.61
1.5	13.27	5.5	48.67	16.5	146.03
1.6	14.16	6.0	53.10	17.0	150.46
1.7	15.04	6.5	57.52	17.5	154.88
1.8	15.93	7.0	61.95	18.0	159.31
1.9	16.81	7.5	66.38	18.5	163.73
2.0	17.70	8.0	70.80	19.0	168.16
2.2	19.47	8.5	75.23	19.5	172.58
2.3	20.35	9.0	79.65	20.0	177.01
2.4	21.24	9.5	84.08	25.0	221.26
2.5	22.12	10.0	88.50	30.0	265.52



Web code: #1758				
Description	Cordless screwdriver set	Cordless screwdriver	Charger	Battery
Description	SF-ASD 16 SET	SF-ASD 16	SF-ASD 16/CHARGER	SF-ASD 16/ACCU 2.0 AH
Order No.	1200295	1200294	1200296	1314530

Torque-adjustment ring inch-pounds*																
Setting	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Symbol
Speed 1 (RPM 220)	1.15	1.86	2.48	3.19	3.89	4.60	5.31	6.02	6.64	7.35	8.05	0.99	9.47	10.27	11.06	38.32
Speed 2 (RPM 450)	1.06	1.86	2.57	3.36	4.16	4.96	5.75	6.55	7.26	8.05	8.85	9.65	10.44	11.33	12.21	24.25
Torque-adjustment ring Newton meter*																
Setting	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Symbol
Speed 1 (RPM 220)	0.13	0.21	0.28	0.36	0.44	0.52	0.60	0.68	0.75	0.83	0.91	0.99	1.07	1.16	1.25	4.33
Speed 2 (RPM 450)	0.12	0.21	0.29	0.38	0.47	0.56	0.65	0.74	0.82	0.91	1.00	1.09	1.18	1.28	1.38	2.74

* Depending on how the operator uses the cordless screwdriver, the tolerance could be up to +/- 20 percent.

**Due to the Lithium-Ion battery, the device can only ship via ground.

SCREWFOX screwdriver tools

Tool bits for cordless screwdriver and bit handle

The hardened bits are suitable for hard and soft screws. Optimum edge geometries increase the bearing surface and prevent the screws from being over tightened.			
Description	Order No.		
	SF-UBH	1212590	
		Size: 0.45 x 2.4 x 70 mm	SF-BIT-SL 0,45X2,4-70 1212607
		Size: 0.5 x 3.0 x 50 mm	SF-BIT-SL 0,5X3,0-50 1212566
		Size: 0.5 x 3.0 x 70 mm	SF-BIT-SL 0,5X3,0-70 1212567
		Size: 0.6 x 3.5 x 50 mm	SF-BIT-SL 0,6X3,5-50 1212568
		Size: 0.6 x 3.5 x 70 mm	SF-BIT-SL 0,6X3,5-70 1212569
		Size: 0.8 x 4.0 x 50 mm	SF-BIT-SL 0,8X4,0-50 1212571
		Size: 0.8 x 4.0 x 70 mm	SF-BIT-SL 1,0X4,0-70 1212572
		Size: 1.0 x 4.0 x 70 mm	SF-BIT 1,0X4,0-70 1212754
		Size: 1.0 x 5.5 x 50 mm	SF-BIT-SL 1,0X5,5-50 1212574
		Size: 1.0 x 5.5 x 70 mm	SF-BIT-SL 1,0X5,5-70 1212575
		Size: 1.2 x 6.5 x 70 mm	SF-BIT-SL 1,2X6,5-70 1212577
			
			
			
Description	Order No.		
Size: 0.6 x 3.5 x 50 mm for test sockets	SF-BIT-SLS 0,6X3,5-50	1212605	
Size: 0.9 x 6.5 x 50 mm for test sockets	SF-BIT-SLS 0,9X6,5-50	1212606	
Size: PH/PZ 1 x 50 mm			SF-BIT-PZ 1-50 1212591
Size: PH/PZ 2 x 50 mm			SF-BIT-PZ 2-50 1212592
Size: PH/PZ 3 x 50 mm			SF-BIT-PZ 3-50 1212593
Size: PH/PZ 1 x 70 mm			SF-BIT-PZ 1-70 1212594
Size: PH/PZ 2 x 70 mm			SF-BIT-PZ 2-70 1212595
Size: PH/PZ 3 x 70 mm			SF-BIT-PZ 3-70 1212596
Plus/minus bits, profile combination of slotted head and crosshead for screw connections on fuse boxes, relays, switching devices, etc.			
			
			
Description	Order No.		
Size: 1 x 70 mm	SF-BIT-PHSL 1-70	1212479	SF-BIT-PZSL 1-70 1212603
Size: 2 x 70 mm	SF-BIT-PHSL 2-70	1212601	SF-BIT-PZSL 2-70 1212604
			
			
Description	Order No.		
Size: 2 x 50 mm			SF-BIT-HEX 2-50 1212645
Size: 2.5 x 50 mm			SF-BIT-HEX 2,5-50 1212646
Size: 3 x 50 mm			SF-BIT-HEX 3-50 1212647
Size: 4 x 50 mm			SF-BIT-HEX 4-50 1212648
Size: 5 x 50 mm			SF-BIT-HEX 5-50 1212649
Size: 6 x 50 mm			SF-BIT-HEX 6-50 1212650
Size: 8 x 50 mm	SF-BIT-TX 8-50	1212570	SF-BIT-HEX 8-50 1212651
Size: 10 x 50 mm	SF-BIT-TX 10-50	1212573	
Size: 15 x 50 mm	SF-BIT-TX 15-50	1212576	
Size: 20 x 50 mm	SF-BIT-TX 20-50	1212578	
Size: 25 x 50 mm	SF-BIT-TX 25-50	1212585	
Size: 30 x 50 mm	SF-BIT-TX 30-50	1212586	

SCREWFOX screwdriver tools

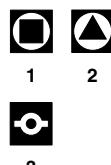
Screwdriver and bit sets



Description	Order No.	Description	Order No.	Description	Order No.
Screwdriver set , slotted/crosshead Phillips Recess®, 6-piece, incl. rack, 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		Bit set , with SF-UBH universal bit holder 25 mm long slotted/crosshead (PZ and PH) bits, 10-piece		Bit screwdriver set with quick-action chuck , 89 mm long slotted/crosshead (PZ and PH)/hex/Torx® bits, 17-piece, 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	
SF-SL/PH SET 1212541		SF-BIT SET 1212545		SF-M SET 1212543	
Screwdriver set , slotted/crosshead Pozidriv®, 6-piece., incl. rack, 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		Cordless screwdriver bit set , 1 nut each in 5.5 mm, 8 mm, 13 mm, adapter to quarter inch.		Bit screwdriver set with quick-action chuck , 89 mm long slotted/crosshead (PH)/hex/Torx® bits, 17-piece, in folding belt pouch, contents: PH 1, 2, 3 x 89, SL 4 x 2.5, 6 x 3.5, 8 x 3.5, 1.0 x 5.5, 1.2 x 6.5, TX 10 - 25 x 89, SW 3,4,5,6 x 89	
SF-SL/PZ SET 1212542		ASD BIT SET HN 1209952		SF-M SET 2 1212756	
Screwdriver set , slotted/crosshead Pozidriv® VDE-insulated, 6-piece, incl. rack, 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					
SF-SL/PZ SET VDE 1212540					
Screwdriver set , slotted/crosshead Phillips Recess®, VDE-insulated, 6-piece, incl. rack, 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					
SF-SL/PH SET VDE 1212539					
Screwdriver set , protective insulation integrated in the shaft, slotted/crosshead Phillips/combined profile, Pozidriv® + slotted (plus/minus), VDE-insulated, 7-piece, incl. rack, contents: 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; PH1 x 80; PH2 x 100; PZ1 x 80; PZ2 x 100					
SF-SL/PH/PZ-SL SET S-VDE 1212701					
Screwdriver set , Torx® with drill bit, 6-piece, incl. rack, 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					
SF-THX SET 1212538					
Screwdriver set , Torx®, VDE-insulated, 6-piece, incl. rack, 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					
SF-TX SET VDE 1212537					

Control cabinet keys

Universal control cabinet key with four closures: 6 mm square, 7 - 8 mm square, 7 - 8 mm triangle, 3 - 5 mm two-way key bit



Universal control cabinet key with strong chain and snap hook for nine closures: 5, 6, 7 - 8, 9 - 10 mm square, 7, 8 - 9, 10 - 11 mm triangle, 3 - 5 mm two-way key bit, 6 mm semicircle



Socket sets

The set includes: 1/4 inch socket set, 47-piece, 1/4 inch reversible ratchet, 48 teeth with fast-locking system, 50 mm and 100 mm 1/4 inch extensions, 1/4 inch screwdriver handle, 150 mm 1/4 inch flexible extension, 1/4 inch Cardan joint, 1/4 inch T-handle, 2 x 1/4 inch bit adapter, 13 knurled 1/4 inch sockets, wrench size: 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 slotted 4, 5, 7 mm, Allen wrench Hex 1.27, 1.5, 2, 2.5 mm.



Description	Order No.	SF-SOCKET SET 47 1200292
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Tooling accessories



Description	Order No.
Measuring tape 5M Inch/Metric	1200304

MICROFOX

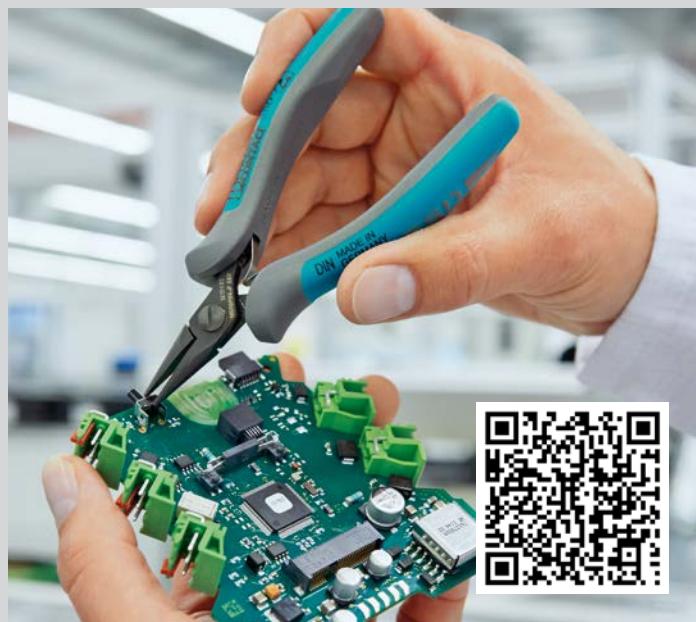
Electronic pliers

The MICROFOX range of small pliers for electronics and electromechanical engineering tasks is ideal for working on hard-to-access areas such as PCB components. The micro-pliers have specially shaped two-component handles ensuring a secure grip that makes for easy work. To protect sensitive electronic components, the ESD version has special handles that discharge electrostatic charges in a controlled manner in accordance with applicable standards and regulations.

Precise and convenient

Sophisticated tools for precise tasks in the field of electronics.

- Protect electronic components with the ESD design
- Ultra-precise: low tolerances during production
- Durable, high-quality components and raw materials



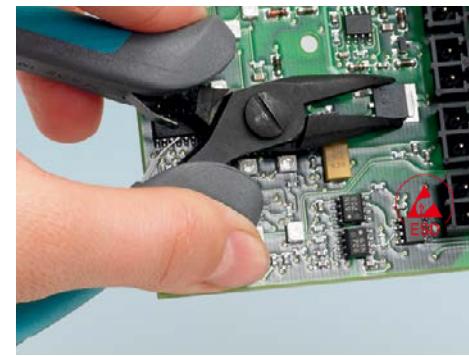
Durable

The tools are made from a special C 60 tool steel. They are hardened and precision-ground for superior cutting performance and are particularly durable.



Precision

The integrated double-leaf spring and the ergonomic nonslip handles ensure accuracy and precision when working with electronic components.



Protection

The handles of the MICROFOX... ESD electronics pliers are made from conductive plastic. This means that electrostatic energy is discharged in a gradual and controlled manner.

MICROFOX electronics pliers

Electronics pliers

<p>MICROFOX electronics pliers feature a through-connected joint for permanent stability and optimum distribution of force. The surfaces are finely polished and oiled.</p>			
	Order No. MICROFOX-SB 1212489 Description Diagonal cutter Rounded head with chamfer	MICROFOX-E 1212494 Front cutter No chamfer	MICROFOX-P 1212491 Needle-nose pliers Smooth gripping surface
			
	Order No. MICROFOX-SP 1212488 Description Diagonal cutter, angled Tapered head without chamfer	MICROFOX-SP-1 1212487 Diagonal cutter Tapered head without chamfer	MICROFOX-EO 1212495 Front cutter 20° angle, no chamfer
			
	Order No. MICROFOX-PC 1212492 Description Needle-nose pliers 45° angle, smooth gripping surface	MICROFOX-F 1212493 Flat-nose pliers Smooth gripping surface	MICROFOX-R 1212490 Round-nose pliers Smooth gripping surface

ESD electronics pliers

<p>The MICROFOX ESD electronics pliers conform to applicable standards and regulations including DIN EN 61340-5. The screwed precision joint ensures optimum results. The metal surfaces are mirror-polished and then phosphate-treated to ensure that there is no glare when working.</p>			
	Order No. MICROFOX-S ESD 1212480 Description Diagonal cutter Rounded head, no chamfer	MICROFOX-E ESD 1212485 Front cutter No chamfer	MICROFOX-P ESD 1212482 Needle-nose pliers Smooth gripping surface
			
	Order No. MICROFOX-PC ESD 1212483 Description Needle-nose pliers Smooth gripping surface, 45° angle	MICROFOX-F ESD 1212484 Flat-nose pliers Smooth gripping surface	MICROFOX-R ESD 1212481 Round-nose pliers Smooth gripping surface

Efficient wire preparation and wiring

The use of worker assistance systems increases productivity, improves process reliability, and guarantees smooth production. With the clipx WIRE assist, Phoenix Contact offers a software-aided “tool” for efficient wire preparation and wiring.

The software controls the devices and guides the worker during wire preparation, reducing the potential errors of manual steps, therefore increasing the process reliability in wire preparation.



Ergonomic and intuitive wire preparation

Customized clipx WIRE assist

A wide range of wires can be stocked and fed directly to the CUTFOX 10 cutting machine. Wires can be changed quickly with just a few steps.



Equipped with special swivel/brake casters, the clipx WIRE assist can be used wherever the need arises. This reduces unnecessary movements and saves time.

Information for processing and wiring is visually displayed on the monitor in an easy-to-follow format.

Semi-automatic tools such as the CF3000 and E.FOX S 10, in addition to the THERMOMARK E SERIES printing system, ensure process-reliable and efficient wire processing.

The flexible positioning of the devices provide the worker with an ergonomic, low-fatigue, comfortable workstation.

Height-adjustable workbench allows for sitting or standing working positions.

clipx WIRE assist

Description	Article	Order #
Basic workbench	AS-WORKBENCH-F 90 US MA	1194550
Display mount for workbench	AS-WB-F/MOUNT DISPLAY A1	1193695
Stand with mounting rails	AS-WB-F/STAND 1350	1193700
Angle for equipment arm	AS-WB-F/ARM-L 380x500	1193701
Equipment arm left side for basic workbench	AS-WB-F/ARM-L 700x500	1193703
Equipment arm right side for basic workbench	AS-WB-F/ARM-R 700x500	1193766
Holder for automatic cutting, stripping, crimping device	AS-WB-F/HOLDER 208x295	1193767
PC mount for workbench	AS-WB-F/MOUNT PC 230x190	1193768
Small shelf	AS-WB-F/SHELF 515x215	1193786
Large shelf	AS-WB-F/SHELF 515x350	1193787
Five-socket power strip with switch	AS-WB-F/POWER STRIP 5 US	1194556
LED table light with swinging arm	AS-WB-F/LAMP	1197098
Bin with holder	AS-WB-F/HOLDER BIN	1193801
Machine holder	AS-WB-F/HOLDER D80	1193827
Holder for THERMOMARK	AS-WB-F/HOLDER 275x425	1194580
Cable reel holder	AS-WB-F/HOLDER W-REEL 240	1193833
Printer shelf on stand	AS-WB-F/SHELF 290x370	1193839
Wire manager on device holder	AS-WB-F/W-MANAGER A1 16	1193837
Keyboard shelf	AS-WB-F/SHELF KEYBOARD	1193830
Shadowboard	AS-WB-F/T-BOARD A1 210x300	1194547
Shadowboard	AS-WB-F/T-BOARD A3 210x300	1194542
Shadowboard	AS-WB-F/T-BOARD A5 210x300	1194537
Holder for THERMOMARK E.	AS-WB-F/HOLDER 270X420	1365638
Box holder including one yellow box	AS-WB-F/HOLDER S-BOX A1	1365640
Dongle	WIREASSIST SW1.x DONGLE	1197102

Customizable and portable

- Height-adjustable workbench with ideal positioning of the automatic tools and marking devices, enables optimal ergonomics, implementing the 5S principle and reducing time spent searching for the right tool
- With steerable casters and its compact shape, the clipx WIRE assist can be moved quickly and easily, increasing efficiency and reducing workstation set up time when changing work locations

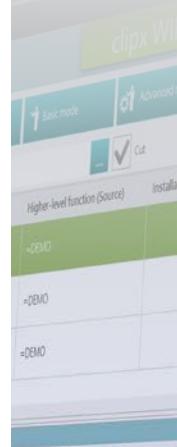
For further information on clipx WIRE assist, simply scan the QR code.



Cutting, stripping, and crimping devices

Semi-automatic wire processing

Phoenix Contact's comprehensive range of innovative semi-automatic wire-processing machines enables the flexible and fast processing of wires and cables. A combination of functionality, quality, and fast setup guarantees high levels of flexibility while ensuring consistent quality. The line includes devices for wire cutting, wire stripping, and connector crimping. The ferrule crimping machines provide UL approval with Phoenix Contact ferrules.



Automatic wire cutting

Reference page 55



Automatic wire stripping

Reference page 55



Automatic wire stripping and crimping
Reference page 56



Automatic wire crimping
Reference page 57

Automatic devices

CUTFOX 10 wire cutting machine

The CUTFOX 10 cutting machine cuts a variety of wires and cables up to 8 AWG. Solid and stranded conductors can be cut to length with measured precision. The length and number of cuts are entered via the user-friendly display. The CUTFOX 10 automatically adapts to the diameter when there is a change in material. Simply open the front cover to insert the wire, close the cover, and it is ready to go.

A user video is available for download from the Internet.



CUTFOX 10

Description	Order No.
Cutting machine, 120 V, 50 - 60 Hz version	1206829
Technical data	
Stranded/Solid wire	[mm ²]
Max number of cuts / max length	[pcs.]
Accessories	
Replacement drive wheels 2 pcs., for CUTFOX 10	CF-10 WHEEL SET
Replacement blade set for CUTFOX 10	CF-10 CUTTER KNIFE SET

E.FOX S 10 and the WF1000 wire stripping machines

The new E.FOX S 10 is an electric-powered stripping device for the efficient processing of conductors operated via a touch display. The adjustment to the desired cross-section and full or partial stripping length is completed quickly and precisely via motorized drives. Barcodes can be created to store favorites for quick and easy recall using a barcode scanner. The new stripping machine can also be integrated into worker assistance systems, such as the clipx WIRE assist, and controlled through a software program.

The compact WF 1000 is a manual-driven stripping device suitable for automatically processing full or partial strip wires. It is suitable for special types of insulation, such as PTFE and silicone, as the clamping force automatically adjusts itself to the required extraction force, preventing pressure points on the sensitive materials. The large, clear, integrated graphic display on top of the device makes it easy to manually select the right settings via individual knobs.



E.FOX S 10

Description	Order No.
Electric driven stripping machine 120 V version	1554298
Technical data	
Stranded wire	[mm ²]
Full strip / Partial strip length	[mm]
Accessories	
Standard V-Shaped replacement stripping blade	E.FOX S 10/S
Flat replacement stripping blade for ribbon cable	E.FOX S 10/SB-F

WF 1000

Description	Order No.
Stripping machine, 120 V version	1212258
Technical data	
Stranded wire	[mm ²]
Full strip / Partial strip length	[mm]
Replacement stripping blade	
	WF 1000/SB

Automatic devices

CF 3000 wire stripping and crimping device

The CF3000 wire stripping and crimping device processes taped ferrules with insulating collars from 22-14 AWG and an 8 mm strip length. The wire is stripped and then fitted with a ferrule in a single step.

The automatic device is lightweight and compact, quickly adaptable to the desired wire gauge in under a minute, and carries UL with Phoenix Contact ferrules.



CF 3000

Description		Order No.
Stripping and crimping device, 120 V version	CF 3000-2,5 120V	1205516
Taped ferrules, 22-14 AWG, stripping length: 8 mm		
Includes conversion kits for 20-14 AWG		
Technical data		
Conductor	[mm ²] / AWG	0.25 – 2.5 / 22 – 14
Crimp profile		Trapezoidal
Accessories		
Conversion kit for 22 AWG, 8 mm strip length	CF 3000-TOOLKIT 0,25	1212376
Replacement locator		
0.25/0.34 mm ² , 22 AWG	CF 3000 LOC 0,25	1212377
0.5 mm ² , 20 AWG	CF 3000 LOC 0,5	1205539
0.75 mm ² , 18 AWG	CF 3000 LOC 0,75	1205642
1.0 mm ² , 18 AWG	CF 3000 LOC 1,0	1205655
1.5 mm ² , 16 AWG	CF 3000 LOC 1,5	1205668
2.5 mm ² , 14 AWG	CF 3000 LOC 2,5	1205671
Replacement blade		
0.25/0.34 mm ² , adjustable, 22 AWG	CF 3000 AB 0,25	1212380
0.5 mm ² , 20 AWG	CF 3000 AM 0,5	1205587
0.75 mm ² , 18 AWG	CF 3000 AM 0,75	1205590
1.0 mm ² , 18 AWG	CF 3000 AM 1,0	1205600
1.5 mm ² , 16 AWG	CF 3000 AM 1,5	1205613
2.5 mm ² , 14 AWG	CF 3000 AM 2,5	1205626

Taped ferrules



Cross-section		Dimensions		Ordering data				
mm ²	AWG	Color	Barrel	Opening	End opening	Type	Order No.	Pcs./Pkt.
0.25	24	yellow	8.00	2.00	0.80	AI 0,25-8 YE-B	3240251	1000
0.25	24	blue	8.00	2.00	0.80	AI 0,25-8 BU-B	3240250	1000
0.34	22	turquoise	8.00	2.00	0.80	AI 0,34-8 TQ-B	3240249	1000
0.5	20	white	8.00	2.50	1.10	AI 0,5-8 WH-B	3201369	1000
0.5	20	white	8.00	2.50	1.10	AI 0,5-8 WH-B 3000	3240663	3000
0.5	20	orange	8.00	2.50	1.10	AI 0,5-8 OG-B	3201563	1000
0.75	18	white	8.00	2.80	1.30	AI 0,75-8 WH-B	3201576	1000
0.75	18	white	8.00	2.80	1.30	AI 0,75-8 WH-B 3000	3240677	3000
0.75	18	gray	8.00	2.80	1.30	AI 0,75-8 GY-B	3201372	1000
0.75	18	gray	8.00	2.80	1.30	AI 0,75-8 GY-B 3000	3240664	3000
0.75	18	blue	8.00	2.80	1.30	AI 0,75-8 BU-B	3201547	1000
1	18	yellow	8.00	3.00	1.50	AI 1-8 YE-B	3201589	1000
1	18	red	8.00	3.00	1.50	AI 1-8 RD-B	3201385	1000
1	18	red	8.00	3.00	1.50	AI 1-8 RD-B 3000	3240665	3000
1.5	16	red	8.00	3.40	1.80	AI 1,5-8 RD-B	3201592	1000
1.5	16	black	8.00	3.40	1.80	AI 1,5-8 BK-B	3201398	1000
1.5	16	black	8.00	3.40	1.80	AI 1,5-8 BK-B 2500	3240666	2500
2.5	14	gray	8.00	4.20	2.30	AI 2,5-8 GY-B	3201550	1000
2.5	14	blue	8.00	4.20	2.30	AI 2,5-8 BU-B	3201408	1000
2.5	14	blue	8.00	4.20	2.30	AI 2,5-8 BU-B 1500	3240667	1500

Automatic devices

CF 1000 crimping device

The CF1000 stripping and crimping device can be used to process loose ferrules with insulating collars. Up to 1200 conductors can be processed in an hour using this device. The conductor is stripped and crimped with a ferrule to a high standard of quality in a single step. The unit is suitable for bulk processing with quick change of cross-section without the need for additional adjustments. The unit is capable of various strip lengths and the option of stripping only. There are two different units, the CF1000-1,5 for 22-12 AWG, and the CF1000-10 for 12, 10, and 8 AWG.



CF 1000

Description

Stripping and crimping device

Electro-pneumatic, for loose ferrules with insulating collar

Includes conversion kits for 20-16 AWG

Stripping and crimping device

Electro-pneumatic, for loose ferrules with insulating collar

Conversion kits not included

Accessories

Extension kit, for CF 1000-1,5, up to serial #160594

22 AWG, stripping length: 6 mm

22 AWG, stripping length: 8 mm

14 AWG, stripping length: 8 mm

Extension kit, for CF 1000-1,5, from serial number 160595

22 AWG, stripping length: 6-8 mm

14 AWG, stripping length: 6-12 mm

12 AWG, stripping length: 10 mm

Crimping jaws, for square crimp profile

20-18 (0.75 mm²) AWG, stripping length: 6-12 mm

18 (1.0 mm²) - 16 AWG, stripping length: 6-12 mm

14 AWG, stripping length: 6-12 mm

Extension kit, for CF 1000-10, for loose ferrules with insulating collar

12 AWG, stripping length: 10 - 12 mm

10 AWG, stripping length: 12 mm

8 AWG, stripping length: 12 mm

Protective feeding bowl cover

CF 1000-1,5

Order No.

[1208199](#)

22-12 AWG

CF 1000-10

Order No.

[1212456](#)

12, 10, 8 AWG

CF 1000-TOOLKIT 0,34/6

Order No.

[1208212](#)

CF 1000-TOOLKIT 0,34/8

Order No.

[1208225](#)

CF 1000-TOOLKIT 2,5/8

Order No.

[1208241](#)

CF1000-TOOLKIT 0,34/6-8

Order No.

[1208226](#)

CF1000-TOOLKIT 2,5/6-12

Order No.

[1208242](#)

CF1000-TOOLKIT 4,0/10

Order No.

[1208271](#)

CF 1000 PBSQ 0,75

Order No.

[1212912](#)

CF1000 PBSQ 1,5

Order No.

[1212913](#)

CF1000 PBSQ 2,5

Order No.

[1212914](#)

CF 1000-10-TOOLKIT 4/10-12

Order No.

[1212458](#)

CF 1000-10-TOOLKIT 6/12

Order No.

[1212459](#)

CF 1000-10-TOOLKIT 10/12

Order No.

[1212460](#)

CF 1000-COVER

Order No.

[1208306](#)

Automatic devices

CF 500 crimping device

The compact CF 500 crimping device is characterized by its high press capacity and the ease with which dies can be changed. With the large number of dies available, this device is an optimal solution for crimping.

- Ferrules up to 1/0 AWG
- TWIN ferrules up to 2 x 8 AWG
- Insulated cable lugs up to 10 AWG
- Uninsulated cable lugs up to 10 AWG
- Tubular cable lugs up to 8 AWG
- Slip-on sleeves and slip-on blade connectors up to 10 AWG
- Turned contacts up to 8 AWG
- Solar contacts 14, 12, and 10 AWG

*** Dies, locators, and protective covers sold separately.**



CF 500

Description	Description	AWG	Order No.
Crimping device, 120 V version, with foot switch (dies, locators, and covers not included)	CF 500-120 V		1208351
Accessories			
CF 500 die for			
Ferrules (A ... and AI ...), 0.25 - 6 mm ²	CF 500/DIE AI 6	22-10	1212238
Ferrules (A ... and AI ...) 10, 16, and 25 mm ²	CF 500/DIE AI 25	8, 6, 4	1212239
Ferrules (A ... and AI ...) 35 and 50 mm ²	CF 500/DIE AI 50	2 and 1/0	1212261
TWIN ferrules (A-TWIN...) 2 x 4, 2 x 6, and 2 x 10 mm ²	CF 500/DIE AI-TWIN 10	2 x 12, 2 x 10, 2 x 8	1212262
TWIN ferrules (AI-TWIN...) 2 x 6, 2 x 10, 2 x 16 mm ²	CF 500/DIE AI-TWIN 16	10, 8, 6	1200299
Insulated cable lugs (RCI ... and FCI ...) 0.14 - 1.5 mm ²	CF 500/DIE RCI 1,5	24-16	1212263
Insulated cable lugs (RCI ... and FCI ...) 0.5 - 6 mm ²	CF 500/DIE RCI 6	20-10	1212240
Insulated cable lugs (RCI ... and FCI ...) 0.5 - 6 mm ²	CF 500/DIE RCI 6-1	20-10	1212691
Uninsulated Cable lugs (RC ... and FC ...) 0.5 - 10 mm ²	CF 500/DIE RC 10	20-8	1212244
Uninsulated Cable lugs (RC ... and FC ...) 16 mm ²	CF 500/DIE RC 16	6	1212257
Tube lugs (RCT ...) 0.1 - 4 mm ²	CF 500/DIE RCT 4	26, 18, 16, 14, 12	1212243
Tube lugs (RCT ...) 4, 6, 10 mm ²	CF 500/DIE RCT 10-1	12, 10, 8	1212245
Tube lugs (RCT ...) 4, 6, 10 mm ²	CF 500/DIE RCT 10-2	12, 10, 8	1212246
Tube lugs (RCT ...) 4, 6, 10 mm ²	CF 500/DIE RCT 10-3	12, 10, 8	1212256
Slip-on sleeves and slip-on blade connectors (SCF ... and SCM ...) 0.1 - 1.5 mm ²	CF 500/DIE SC 1,5	28-16	1212241
Slip-on sleeves and slip-on blade connectors (SCF ... and SCM ...) 0.5 - 6 mm ²	CF 500/DIE SC 6	20-10	1212242
Turned contacts with pin diameters of 2.5 and 4.0 mm (CK 2,5 ... and CK 4,0) 0.14 - 4 mm ²	CF 500/DIE TC HC 4	24-12	1324132
Turned contacts (CK 4,0) 6 - 10 mm ²	CF 500/DIE TC HC 10	10-8	1324137
Solar contacts, 2.5 mm ² , 4 mm ² , 6 mm ²	CF 500/DIE SR 6-2	14, 12, 10	1212692
Assembling FBS... jumpers	CF 500/DIE FBS		1212461
CF 500 locator (positioning tool) for			
Slip-on sleeves (SCF...) W: 2.8 mm, L: 5 mm	CF 500/LOC SCF 2,8/1,5		1212249
Slip-on sleeves (SCF...) W: 4.8 mm	CF 500/LOC SCF 4,8/2,5		1212248
Slip-on sleeves (SCF...) W: 0.5 - 2.5 mm ²	CF 500/LOC SCF 6,3/2,5		1212264
Slip-on sleeves (SCF...) W: 6.3 mm	CF 500/LOC SCF 6,3/6		1212247
Slip-on blade (SCM ...) 1.5 - 6 mm	CF 500/LOC SCM 6,3/6		1212265
CF 500 protective cover for			
Ferrules up to 6 mm ² (AI 6...)	CF 500/COV AI 6		1212254
TWIN ferrules (AI-TWIN...)	CF 500/COV AI-TWIN		1212266
Insulated cable lugs (RCI...)	CF 500/COV RCI		1212255
Tubular cable lugs 0.5 - 10 mm ²	CF 500/COV RC 10		1212252
Tubular cable lugs 0.34 - 2.5 mm ²	CF 500/COV RCT 2,5		1212253
Slip-on sleeves and slip-on blade connectors SC 1,5... and SC 6...	CF 500/COV SC		1212251
For FBS jumpers	CF 500/COV FBS		1212462
Without recess (for all dies without classification)	CF 500/COV		1212250

Automatic devices

ZAP pneumatic crimping pliers

The ZAP crimping pliers are pneumatic pliers for ferrules from 24-8 AWG. The ZAPs have a Duo-Press die, allowing both front and side entry. The crimping process is activated by a manual trigger or a foot pedal, depending on which version is chosen. The T versions are designed to sit on a workbench and have two ferrule holding areas integrated into the design.



ZAP...



ZAP... T

	ZAP 25 / ZAP 40 / ZAP 100 Manual trigger handles
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Description	Order No.	Order No.	Order No.
Pneumatic crimping pliers	ZAP 25 1203110	ZAP 40 1212630	ZAP 100 1203259
Technical data			
Conductor [mm ²] / AWG	0.25 – 2.5 / 24 – 14	0.25 – 4 / 24 – 12	4 – 10 / 12 – 8
Pressure range [bar]	4 – 6	4 – 6	4 – 6
Air consumption per compression [l]	0.2	0.2	0.2
Crimping	Trapezoidal	Trapezoidal	Trapezoidal

	ZAP 25 T / ZAP 100 T Foot pedal activated
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Description	Order No.	Order No.
Pneumatic crimping pliers	ZAP 25 T 1203123	ZAP 100 T 1203262
Technical data		
Conductor [mm ²] / AWG	0.25 – 2.5 / 24 – 14	4 – 10 / 12 – 8
Pressure range [bar]	4 – 6	4 – 6
Air consumption per compression [l]	0.2	0.2
Crimping	Trapezoidal	Trapezoidal

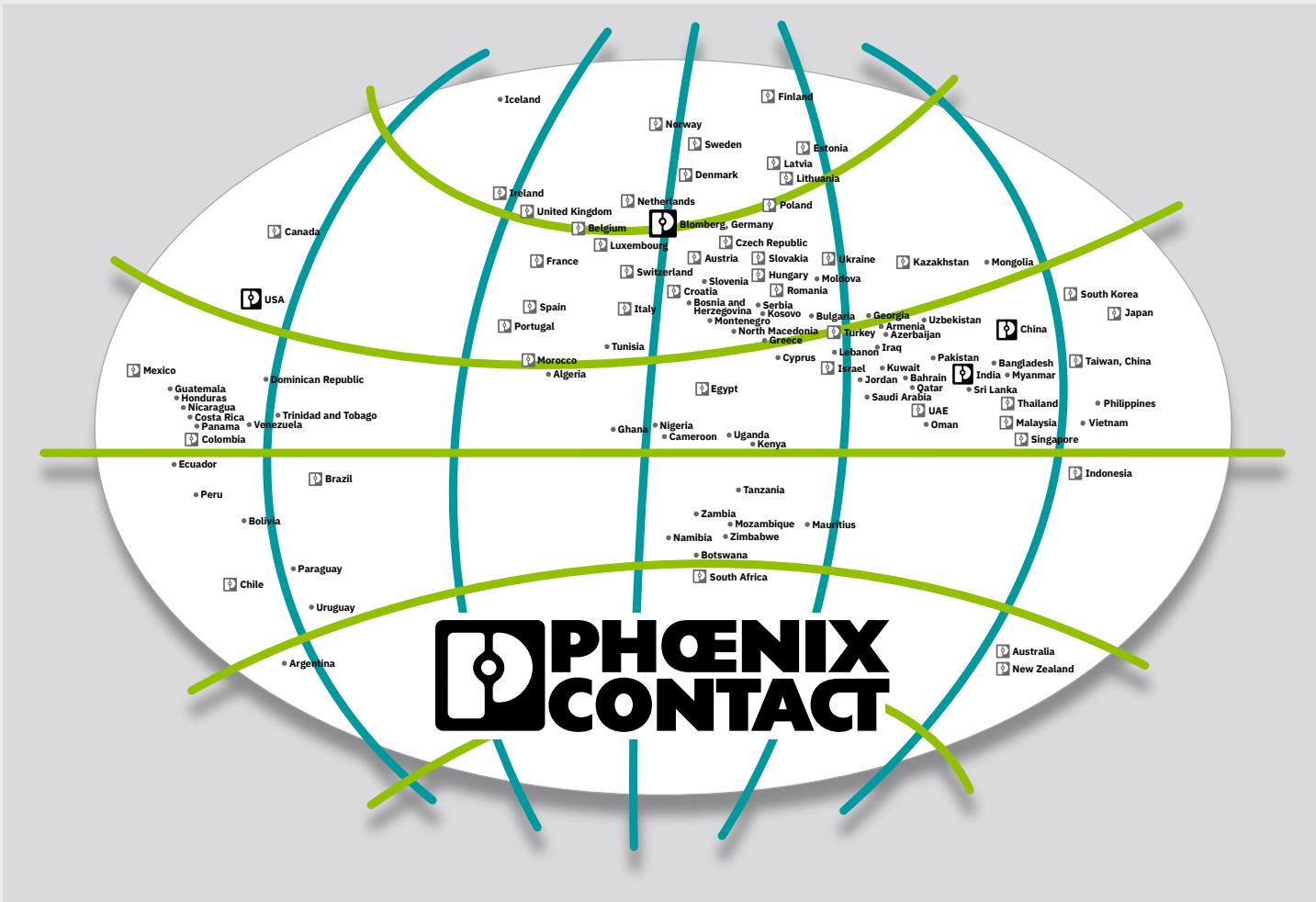
American Wire Gauge to metric conversion chart

AWG/ kcmil	[mm ²]
30	0.05
(29)	
28	0.08
(27)	
26	0.12
(25)	0.14
24	0.22
(23)	0.25
22	0.32
(21)	
20	0.5
(19)	0.75
18	0.82
(17)	1
16	1.3

AWG/ kcmil	[mm ²]
(15)	1.5
14	2.1
(13)	2.5
12	3.3
(11)	4
10	6
(9)	
8	8.4
(7)	10
6	
(5)	16
4	
(3)	25
2	35
1	

AWG/ kcmil	[mm ²]
0	50
00	70
000	95
0000	120
250 kcmil	120
300 kcmil	150
350 kcmil	185
400 kcmil	
500 kcmil	240
600 kcmil	300





Open communication with customers and partners worldwide

Phoenix Contact is a global market leader based in Germany. We are known for producing future-oriented products and solutions for the electrification, networking, and automation of all sectors of the economy and infrastructure. With a global network reaching across more than 100 countries with over 21,000 employees, we maintain close relationships with our customers, something we believe is essential for our common success.

Our wide range of innovative products makes it easy for our customers to implement the latest technology in a variety of applications and industries. This especially applies to the target markets of energy, infrastructure, industry, and mobility.

You can find your local partner at
phoenixcontact.com

