

Hand tools – TOOL fox

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

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

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

A wide range of connectors rounds off the product range.

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Professional cutting



Professional stripping



Professional crimping



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



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



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



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



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



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



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



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



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

Hand tools

CUTFOX cable cutters

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



Up to a maximum conductor diameter of 12 mm



Up to a maximum conductor diameter of 18 mm

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

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

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

CUTFOX one-handed ring cable cutters

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



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



Up to a maximum conductor diameter of 45 mm

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

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

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

Accessories		
CUTFOX 50 STEEL/SB	1200291	1

Accessories		

CUTFOX one-handed front cable cutters

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



Up to a maximum conductor diameter of 25 mm



Up to a maximum conductor diameter of 35 mm

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

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

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

CUTFOX two-handed ring cable cutters

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



Up to a maximum conductor diameter of 62 mm



Up to a maximum conductor diameter of 100 mm

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

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

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

Tools – TOOL fox

Hand tools

Cutting tools for special applications

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



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



Cutting tool for screw-on bridges

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

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

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

Cutting tools for special applications

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



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



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

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

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

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

Cutting tools for special applications

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



Diagonal cutter (VDE)



Diagonal cutter (VDE)

Description
Diagonal cutter , with optimized leverage, VDE 1000 V AC/1500 V DC tested, size: 160 mm
Diagonal cutter , with optimized leverage, VDE 1000 V AC/1500 V DC tested, size: 130 mm

Ordering data		
Type	Order No.	Pcs./Pkt.
CUTFOX-S VDE	1212207	1

Ordering data		
Type	Order No.	Pcs./Pkt.
CUTFOX-S VDE M	1212830	1

Automatic cutting device for conductors and cables



Notes:

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

Conductor cross sections from 0.08 to 10 mm²

Description
Automatic cutting device , 100 - 240 V/50 - 60 Hz version, for conductors and cables with a diameter of up to 8 mm, rigid (up to 2.5 mm ²) and flexible (up to 10 mm ²)

Ordering data		
Type	Order No.	Pcs./Pkt.
CUTFOX 10	1206829	1

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

Hand tools

CUTFOX bolt cutters

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



Diagonal cutter



Diagonal cutter with lever (VDE)

Description
Power diagonal cutter , with optimized leverage, also suitable for piano wire, VDE 1000 V AC/1500 V DC tested, size: 200 mm
Power diagonal cutter , with optimized leverage, also suitable for bolts and piano wire, VDE 1000 V AC/ 1500 V DC tested, size: 200 mm

Ordering data		
Type	Order No.	Pcs./Pkt.
CUTFOX-SP VDE	1212206	1

Ordering data		
Type	Order No.	Pcs./Pkt.
CUTFOX-SP BOLT VDE	1212831	1

CUTFOX cutting tools, angled design

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



Diagonal cutter, angled



Electrician's diagonal cutter, angled

Description
Diagonal cutter , angled design, size:180 mm
Electrician's diagonal cutter , angled design, with stripping, crimp, and bending function, screw pincers up to M3.5/M4, size: 180 mm

Ordering data		
Type	Order No.	Pcs./Pkt.
CUTFOX-SE	1212832	1

Ordering data		
Type	Order No.	Pcs./Pkt.
CUTFOX-SE LM	1212833	1

UNIFOX universal tools

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



Combination pliers (VDE)



Combination pliers (VDE), angled



Ordering data		
Type	Order No.	Pcs./Pkt.
UNIFOX-C VDE	1212202	1
UNIFOX-C VDE M	1212834	1

Ordering data		
Type	Order No.	Pcs./Pkt.
UNIFOX-CE VDE	1212203	1

Description

Combination pliers, notched gripping surface, VDE 1000 V AC/1500 V DC tested, size: 180 mm

Combination pliers, notched gripping surface, VDE 1000 V AC/1500 V DC tested, size: 165 mm

Combination pliers, angled design, with opening spring and locking device, cross-notched gripping surface, integrated M8 - M10 ring wrench, VDE 1000 V AC/1500 V DC tested, size: 200 mm

UNIFOX universal tools

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



Needle-nose pliers (VDE)



Needle-nose pliers (VDE), curved and angled



Ordering data		
Type	Order No.	Pcs./Pkt.
UNIFOX-P VDE	1212204	1
UNIFOX-PC VDE	1212205	1

Ordering data		
Type	Order No.	Pcs./Pkt.
UNIFOX-PE VDE	1212529	1

Description

Needle-nose pliers with cutter, notched gripping surface, VDE 1000 V AC/1500 V DC tested, size: 170 mm

Needle-nose pliers with cutter, angled 45°, notched gripping surface, VDE 1000 V AC/1500 V DC tested, size: 170 mm

Needle-nose pliers, angled design, with opening spring and locking device, finely notched gripping surface, stripping possible for 1.5 mm² and 2.5 mm², integrated M8 - M10 ring wrench, VDE 1000 V AC/1500 V DC tested, size: 200 mm

Tools – TOOL fox

Hand tools

UNIFOX universal tools

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



Flat-nose pliers (VDE)



SUNCLIX mounting pliers

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

UNIFOX cable tie tools for plastic and stainless steel cable ties

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



Cable tie tool for plastic cable ties



Cable tie tool for stainless steel cable ties

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

UNIFOX screw pliers and water pump pliers

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



Screw pliers



Water pump pliers

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

UNIFOX punch pliers

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



Punch pliers

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

Hand tools

Unlocking tool



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

Description
Unlocking tool, for CK1,6-.... turned and rolled contacts



Removal tool

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.
UNIFOX RT-CK 1.6	1072069	1
UNIFOX RT-CK 2.5	1072067	1
UNIFOX RT-CK 4.0	1072064	1

Cable duct cutter



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

Dimensions	[mm]
Width	-
Length	245
Height	-
General data	
Weight	[kg]
	0.43

Description
Cable duct cutter
Limit stop, 90°



Cable duct cutter

Technical data		
Width	Length	Height
-	245	-
0.43		
Ordering data		
Type	Order No.	Pcs./Pkt.
CUTFOX-CD	1212474	1
Accessories		
CUTFOX-CD/ES 90	1200289	1

Cable duct cutter



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

Dimensions	[mm]
Width	285
Length	280
Height	290
General data	
Length of the measuring rail	[mm]
Length of the hand lever	[mm]
	1000
	500

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



Cable duct cutter

Technical data		
Width	Length	Height
285	280	290
1000		
500		
Ordering data		
Type	Order No.	Pcs./Pkt.
PPS CD M	1207569	1
Accessories		
PPS CD BLADE	1207572	1
PPS CD M COHO	1208995	1
PPS TABLE	1206285	1

Hand tools

Profile cutters



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



DIN rail cutter

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

Technical data		
Width	Length	Height
150	60	180
8.3	1000	590

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

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

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

Accessories		
PPS TABLE	1206285	1



DIN rail cutter with bore hole die

DIN rail cutter with piercer
and quick change mechanism

Hydraulic cylinder

Technical data		
Width	Length	Height
180	100	220
19		
1000		
1000		

Ordering data		
Type	Order No.	Pcs./Pkt.

PPS STANDARD M	1206175	1
PPS STANDARD I/M	1206230	1

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

PPS HYDRAULIC CYL	1208924	1
PPS TABLE	1206285	1

Technical data		
Width	Length	Height
250	100	230
19		
1000		
1000		

Ordering data		
Type	Order No.	Pcs./Pkt.

PPS CLASSIC M	1206243	1
PPS CLASSIC I/M	1206256	1

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

PPS TABLE	1206285	1
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Technical data		
Width	Length	Height
95	95	110
3		
-		
-		

Ordering data		
Type	Order No.	Pcs./Pkt.

PPS HYDRAULIC CYL	1208924	1
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Accessories		
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PPS HYDRAULIC CYL	1208924	1
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PPS TABLE	1206285	1
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Hand tools

MICROFOX electronics pliers

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

Notes:

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



Diagonal cutter, with chamfer



Front cutter

Ordering data

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

Ordering data

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

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

MICROFOX electronics pliers

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



Needle-nose pliers



Flat and round-nose pliers

Ordering data

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

Ordering data

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

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

MICROFOX ESD electronics pliers

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

Notes:

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

**Diagonal cutter****Front cutter****Ordering data**

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

Ordering data

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

MICROFOX ESD electronics pliers

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

**Needle-nose pliers****Flat and round-nose pliers****Ordering data**

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

Ordering data

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

Description

ESD electronic needle-nose pliers, smooth grip, with opening spring

ESD electronic needle-nose pliers, 45° angle, smooth grip, with opening spring

ESD electronic flat-nose pliers, smooth grip, with opening spring

ESD electronic round-nose pliers, smooth grip, with opening spring

Hand tools

WIREFOX stripping tools

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



0.08 - 2.5 mm² conductor cross section



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

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

ERC		
Technical data		
0.08 - 2.5 / 28 - 12		
15		
2.5 / 14 // 6 / 10		

Description

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

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

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

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

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

ERC		
Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX 2,5	1212368	1

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

ERC		
Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-E 4	1212704	1

Replacement blade cartridge
Replacement limit stop
Replacement clamping jaws

Accessories		
WIREFOX 2,5/SB	1212369	1
WIREFOX 2,5/WS	1212370	1

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



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



0.02 - 10 mm² conductor cross section



4 - 16 mm² conductor cross section

ERC

Technical data		
1.5 - 6 / 16 - 10		
18		
1.5 / 16 // 10 / 8		
Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-E 6SC	1212705	1

ERC

Technical data		
0.02 - 10 / 34 - 8		
18		
1.5 / 16 // 10 / 8		
Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-E 10	1212706	1

ERC

Technical data		
4 - 16 / 12 - 5		
18		
1.5 / 16 // 10 / 8		
Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-E 16	1212707	1

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

Accessories		
WIREFOX 10/SB	1212152	1
WIREFOX 10/WS	1200285	1
WIREFOX 10/CJ	1200286	1

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

Hand tools

WIREFOX stripping tools



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

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

Conductor / cable stripping range	
Conductor / cable	[mm²] / AWG
Stripping length up to ...	[mm]
Wire cutter rigid // flexible	[mm²] / AWG

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

Replacement blade cartridge
Replacement limit stop
Replacement clamping jaws

Conductor cross section 0.1 - 4 mm²,
for special conductors



Technical data

0.1 - 4 / 28 - 12
18
1.5 / 16 // 10 / 8

Ordering data

Type	Order No.	Pcs./Pkt.
WIREFOX 4	1212156	1

Accessories

WIREFOX 4/SB	1212151	1
WIREFOX 10/WS	1200285	1
WIREFOX 10/CJ	1200286	1

WIREFOX stripping tools



Conductor / cable stripping range	
Conductor / cable	[mm²] / AWG
Stripping length up to ...	[mm]
Wire cutter rigid // flexible	[mm²] / AWG

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

Replacement blade
Replacement limit stop
Replacement clamping jaws

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



Technical data

1.5 - 6 / 16 - 10
18
1.5 / 16 // 10 / 8

Ordering data

Type	Order No.	Pcs./Pkt.
WIREFOX 6SC	1212158	1

Accessories

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

WIREFOX stripping tools

0.02 - 10 mm² conductor cross section4 - 16 mm² conductor cross section

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

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

Description

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

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

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

Accessories		
WIREFOX 10/SB	1212152	1

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

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

Accessories		
WIREFOX 16/SB	1212153	1

Stripping machine

Notes:

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



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

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

Conductor cross sections from 0.08 to 6 mm²

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

Hand tools

WIREFOX stripping tools

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



For sensor/actuator cables (SAC cables)



For flat cables

Conductor / cable stripping range	
Conductor / cable	[mm²] / AWG

Description

Stripping pliers, for cables and conductors with a cross section of 6 - 16 mm², self-adjusting, any stripping length, also suitable for sensor/actuator cables

Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, for diameters from 4.4 mm to 7 mm, any stripping length

Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, for diameters from 3.2 mm to 4.4 mm, any stripping length

Stripping pliers, for 0.75 - 2.5 mm² flat cables up to 15 mm wide, any stripping length

Stripping pliers, for AS-Interface flat cables, any stripping length

Stripping pliers, strip cables for cable cutouts, cable tap-offs, and shield connections with a diameter of 8 - 9 mm, insulation thickness of up to 1.2 mm, stripping length of 20 mm and above

Stripping pliers, for removing the sheath from cables up to 5 mm in diameter, for stripping conductors with a cross section of up to 10 mm², scale for measuring the stripping length; VDE-tested

Multifunctional stripping tool, for removing the sheath from cables with a diameter of 8 to 13 mm, for stripping cables with a cross section of 0.2 to 10 mm², with full-fledged diagonal cutter, VDE 1000 V AC/1500 V DC tested

black

black

Replacement blade

Technical data		
6 - 16 / 10 - 5		

Ordering data

Type	Order No.	Pcs./Pkt.
WIREFOX 16-1	1212157	1
WIREFOX SAC	1212623	1
WIREFOX SAC-1	1212757	1

Accessories

WIREFOX 16-1/SB	1204944	1
WIREFOX SAC/SB	1200282	1
WIREFOX SAC-1/SB	1200283	1

Technical data		
0.75 - 2.5 / 18 - 12		

Ordering data

Type	Order No.	Pcs./Pkt.
WIREFOX FC	1212619	1
WIREFOX ASI	1212154	1

Accessories

WIREFOX FC/SB	1200284	1
WIREFOX ASI/SB	1208076	1



For both shielded and unshielded cables

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

Multifunctional tool

EAC

EAC

EAC

Technical data		
- / -		
Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-D SHIELD	1212172	1
Accessories		

Technical data		
0.2 - 10 / 24 - 8		
Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX 10 VDE	1212366	1
Accessories		

Technical data		
0.2 - 10 / 24 - 8		
Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-MP VDE	1212528	1
Accessories		

WIREFOX stripping tools



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



Conductor diameter of 2.5 - 11 mm

ERC

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

Replacement blade

Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-D 11	1212160	1
Accessories		
WIREFOX-D 11/SB	1212312	1



Conductor diameter of 8 - 13 mm



Conductor diameter of 4.5 - 40 mm



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

EAC

Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-D 13	1212162	1
Accessories		

EAC

Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-D 40	1212161	1
Accessories		
WIREFOX-D 40/SB	1212313	1

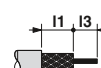
EAC

Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-D 16	1212173	1
WIREFOX-D 28	1212174	1
Accessories		

WIREFOX stripping tools



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



For coaxial cables, conductor diameter of 2.5 - 7.6 mm

ERC

Ordering data

Type	Order No.	Pcs./Pkt.
WIREFOX-D CX-1	1212163	1
WIREFOX-D CX-2	1212164	1
WIREFOX-D CX-3	1212165	1
WIREFOX-D CX-4	1212166	1
WIREFOX-D CX-5	1212167	1
WIREFOX-D CX-6	1212168	1
WIREFOX-D CX-7	1212169	1
WIREFOX-D CX-8	1212170	1
WIREFOX-D CX-9	1212171	1

Description

Stripping tool, for coaxial cables, from 2.5 - 7.6 mm Ø, I3 = variable

2-stage, setting dimension I1 = 6.0 mm

2-stage, setting dimension I1 = 9.2 mm

2-stage, setting dimension I1 = 12 mm

2-stage, setting dimension I1 = 6.8 mm

3-stage, setting dimension I1 = 5.5 mm, I2 = 5.5 mm

3-stage, setting dimension I1 = 8.3 mm, I2 = 2.7 mm

3-stage, setting dimension I1 = 6.0 mm, I2 = 6.0 mm

3-stage, setting dimension I1 = 6.8 mm, I2 = 2.5 mm

3-stage, setting dimension I1 = 7.5 mm, I2 = 3.5 mm

Stripping tool, for CATV type F, stripping length: 6.35 mm

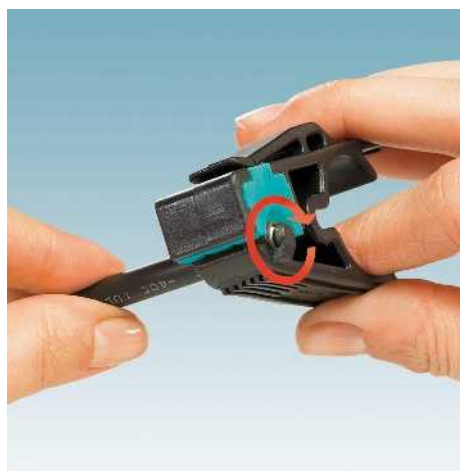
Stripping tool, for 2.5 - 6 mm² solar cables, 8.5 mm stripping length, for MC3, MC4 and SOLARLOK contacts

Stripping tool, for standard 2.5, 4, and 6 mm² solar cables, with 15 mm length stop, for SUNCLIX field connectors

Accessories

WIREFOX-D CX-1/SB	1212303	1
WIREFOX-D CX-2/SB	1212304	1
WIREFOX-D CX-3/SB	1212305	1
WIREFOX-D CX-4/SB	1212306	1
WIREFOX-D CX-5/SB	1212307	1
WIREFOX-D CX-6/SB	1212308	1
WIREFOX-D CX-7/SB	1212309	1
WIREFOX-D CX-8/SB	1212310	1
WIREFOX-D CX-9/SB	1212311	1

Replacement blade





For coaxial cables, RG 59 and RG 6

For solar cables, conductor cross section of 2.5 ... 6 mm²For solar cables, conductor cross section of 2.5 ... 6 mm²

ERC

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

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-D SR 6	1212507	1
Accessories		

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.
WIREFOX-D SR 6-1	1212511	1
Accessories		

Hand tools

CRIMPFOX 4 IN 1 multifunctional crimping pliers



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



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



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



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

Notes:

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

Area of application	
Conductor	[mm²] / AWG
Crimping	

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

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

Taped ferrules , ferrule length: 8 mm, in accordance with DIN 46228-4 and UL 486F, 10 strips with 50(40) ferrules per strip, UL and CSA-certified	
0.5 mm²	white
0.75 mm²	gray
1,0 mm²	red
1,5 mm²	black
2.5 mm²	blue
Taped ferrules , color in accordance with NF C 63-023, CSA-certified	
0.75 mm² ¹⁾	blue
2.5 mm² ¹⁾	gray

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



Multifunctional ferrule crimping pliers

Conductor cross section of 0.5 ... 2.5 mm²

ERIC



Technical data		
0.5 - 2.5 / 20 - 14 Indent crimp		
Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX 4 IN 1	1200101	1
CRIMPFOX 4 IN 1 SET	1200102	1
Accessories		
CRIMPFOX 4 IN 1/MAG	1200103	1

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

Hand tools

CRIMPFOX crimping pliers
for ferrules



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



0.25 ... 2.5 mm² conductor cross section

ERC

Area of application	
Conductor	[mm²] / AWG
Crimping	
Description	
Crimping pliers , compact pliers, for ferrules in accordance with DIN 46228-1/4 and UL 486F, unlockable pressure lock, lateral entry	
Crimping pliers , for ferrules in accordance with DIN 46228-1-4 and UL 486F, five marked die stations, unlockable pressure lock, lateral entry	
Crimping pliers , compact pliers, for ferrules in accordance with DIN 46228-1/4 and UL 486F, unlockable pressure lock, lateral entry	
Crimping pliers , for ferrules in accordance with DIN 46228-1/4 and UL 486F, unlockable pressure lock, lateral entry	
Replacement die	
Replacement recuperating spring	

Technical data		
0.25 - 2.5 / 24 - 14		
Trapezoidal crimp		
Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX 2,5-M	1212719	1
Accessories		
CRIMPFOX/ SPR-1	1212069	1

0.25 ... 6 mm² conductor cross section0.25 ... 6 mm² conductor cross section4 ... 10 mm² conductor cross section

EAC

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

EAC

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

EAC

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

Hand tools

CRIMPFOX crimping pliers
for ferrules



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



Conductor cross section
of 0.14 ... 10 mm²

ERC

Area of application	
Conductor	[mm ²] / AWG
Crimping	

Description

Crimping pliers, for ferrules in accordance with DIN 46228-1/-4 and UL 486F, 0.14 ... 10 mm², also ideal for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, rotating die, lateral and front entry

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

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

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

Replacement recuperating spring

Technical data		
0.14 - 10 / 26 - 8 Trapezoidal crimp		

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

Accessories		
CRIMPFOX/ SPR-4	1200288	1



Conductor cross section
of 0.5 ... 6 mm²



Conductor cross section
of 0.25 ... 6 mm²

EAC

Technical data		
0.5 - 6 / 20 - 10 Square crimp		
Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX 6S-F	1212043	1
Accessories		
CRIMPFOX/ SPR-1	1212069	1

EAC

Technical data		
0.25 - 6 / 24 - 10 Trapezoidal crimp		
Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX 6T-F	1212038	1
Accessories		
CRIMPFOX/ SPR-1	1212069	1

Hand tools

CRIMPFOX crimping pliers for ferrules

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



Conductor cross section 0.14 ... 6 mm²



Conductor cross section 0.14 ... 6 mm²

Area of application

Conductor [mm²] / AWG
Crimping

Description

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

Replacement recuperating spring

Technical data

0.14 - 6 / 26 - 10
Square crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX CENTRUS 6S	1213144	1

Accessories

CRIMPFOX/ SPR-4	1200288	1
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Technical data

0.14 - 6 / 26 - 10
HEX crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX CENTRUS 6H	1213146	1

Accessories

CRIMPFOX/ SPR-4	1200288	1
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CRIMPFOX crimping pliers for ferrules

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



Conductor cross section 0.14 ... 10 mm²



Conductor cross section 0.14 ... 10 mm²

Area of application

Conductor [mm²] / AWG
Crimping

Description

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

Replacement recuperating spring

Technical data

0.14 - 10 / 26 - 8
Square crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX CENTRUS 10S	1213154	1

Accessories

CRIMPFOX/ SPR-4	1200288	1
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Technical data

0.14 - 10 / 26 - 8
HEX crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX CENTRUS 10H	1213156	1

Accessories

CRIMPFOX/ SPR-4	1200288	1
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CRIMPFOX crimping pliers for ferrules

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

Conductor cross section of 10 - 25 mm²Conductor cross section of 35 - 50 mm²

Notes:
Find corresponding ferrules from page 480.

Area of application

Conductor [mm²] / AWG
Crimping

Description

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

Two marked die stations

Replacement die

Replacement recuperating spring

Technical data

10 - 25 / 8 - 4
WM crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX 25R	1212039	1

Accessories

CRIMPFOX 25R/DIE	1212040	1
CRIMPFOX/ SPR-1	1212069	1

Technical data

35 - 50 / 2 - 1
WM crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX 50R	1212041	1

Accessories

CRIMPFOX 50R/DIE	1212042	1
CRIMPFOX/ SPR-1	1212069	1

CRIMPFOX crimping pliers for TWIN ferrules

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

Area of application

Conductor [mm²] / AWG
Crimping

Description

Crimping pliers, for TWIN ferrules in accordance with UL 486F, three marked die stations, unlockable pressure lock, lateral entry

Replacement die

for TWIN ferrules (Al-TWIN ...) 2 x 6, 2 x 10 and 2 x 16 mm²

Replacement recuperating spring

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

Technical data

6 - 16 / 10 - 6
WM crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX 16R TWIN	1212845	1

Accessories

CRIMPFOX 16R TWIN/DIE	1212846	1
CRIMPFOX/ SPR-1	1212069	1



Conductor cross section
of 0.5 ... 2.5 mm²



Conductor cross section
of 0.5 ... 6 mm²



Conductor cross section
of 0.5 ... 6 mm²

TOOLS
FOR YOU

ERC

Technical data
0.5 - 2.5 / 20 - 14 Oval crimp

Ordering data

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

Accessories

CRIMPFOX/ SPR-1	1212069	1
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ERC

Technical data
0.5 - 6 / 20 - 10 Oval crimp

Ordering data

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

Accessories

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

ERC

Technical data
0.5 - 6 / 20 - 10 Oval crimp

Ordering data

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

Accessories

CRIMPFOX/ SPR-1	1212069	1
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Hand tools

CRIMPFOX crimping pliers for uninsulated cable lugs

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

Notes:

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



Conductor cross section
of 0.34 ... 2.5 mm²



Conductor cross section
of 0.34 ... 6 mm²

ERC

Technical data

Area of application

Conductor [mm²] / AWG
Crimping

0.34 - 2.5 / 22 - 14
Indent crimp

Ordering data

Description

Crimping pliers, for uninsulated cable lugs, three marked die stations, unlockable pressure lock, lateral entry

Crimping pliers, compact pliers, for uninsulated cable lugs, three marked die stations, unlockable pressure lock, lateral entry

Crimping pliers, compact pliers, for uninsulated cable lugs, two marked die stations, unlockable pressure lock, lateral entry

Crimping pliers, for uninsulated cable lugs, two marked die stations, unlockable pressure lock, lateral entry

Crimping pliers, for uninsulated cable lugs, three marked die stations, unlockable pressure lock, lateral entry

Type	Order No.	Pcs./Pkt.
CRIMPFOX-RC 2,5	1212063	1
CRIMPFOX-RC 2,5-M	1212723	1

Accessories

Replacement die

Replacement recuperating spring

CRIMPFOX-RC 2,5/DIE	1212064	1
CRIMPFOX/ SPR-3	1212036	10

ERC

Technical data

0.34 - 6 / 22 - 10
Indent crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX-RC 6-M	1212724	1

Accessories

CRIMPFOX/ SPR-1	1212069	1
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Conductor cross section
of 0.34 ... 6 mm²



Conductor cross section
of 4 - 10 mm²

EAC

Technical data		
0.35 - 6 / 22 - 10 Indent crimp		
Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX-RC 6	1212710	1
Accessories		
CRIMPFOX/ SPR-3	1212036	10

EAC

Technical data		
4 - 10 / 12 - 8 Indent crimp		
Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX-RC 10	1212061	1
Accessories		
CRIMPFOX/ SPR-3	1212036	10

Hand tools

CRIMPFOX crimping pliers for uninsulated cable lugs

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



Conductor cross section of 10 - 25 mm²

Area of application	
Conductor	[mm ²] / AWG
Crimping	

Description
Crimping pliers , for uninsulated cable lugs

Replacement die
Replacement recuperating spring

Technical data		
10 - 25 / 8 - 4		
Indent crimp		

Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX-RC 25	1212065	1

Accessories		
CRIMPFOX-RC 25/DIE	1212299	1
CRIMPFOX/ SPR-1	1212069	1

CRIMPFOX crimping pliers for uninsulated tube lugs

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



Conductor cross section of 4 - 16 mm²



Conductor cross section of 10 - 70 mm²

Area of application	
Conductor	[mm ²] / AWG
Crimping	

Description
Crimping pliers , for standard, uninsulated tube lugs, three marked die stations

Crimping pliers , for standard, uninsulated tube lugs, three marked die stations, unlockable pressure lock, lateral entry, 10 - 25 mm ² conductor cross section, crimping: HEX crimp
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Crimping pliers , for standard, uninsulated tube lugs, with rotatable die, 5 stations, 10 - 70 mm ² conductor cross section

Technical data		
4 - 16 / 11 - 5		
Indent crimp		

Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX-RCT 16-1	1212731	1

Technical data		
10 - 70 / 8 - 00		
Indent crimp		

Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX-RCT 25-1	1212066	1
CRIMPFOX-RCT 70-1	1212732	1

CRIMPFOX basic pliers, for accommodating various crimp inserts

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

Notes:

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

For more dies, visit phoenixcontact.net/products.



Basic pliers for various dies
up to 50 mm²



Basic pliers for various dies
up to 120 mm²

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.

CRIMPFOX-C50	1212340	1
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Accessories

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

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.

CRIMPFOX-C120	1212318	1
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Accessories

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

Description

Basic pliers, with ratchet function, accommodate crimping dies for various types of contact
Up to 50 mm²
Two-hand operation up to 120 mm²

Upper part of die, for ferrules 50 mm², 70 mm², trapezoidal crimp

For 95 mm²

Lower part of die, for ferrules 50 mm², trapezoidal crimp

For 70 mm²

For 95 mm²

Die (pair), for ferrules 120 mm², trapezoid crimp

Die pair, for insulated cable lugs, 10 mm², oval crimp

For 16 mm²

For 25 mm²

For 35 mm²

Die upper part, for uninsulated cable lugs, (DIN 46234)
6 - 35 mm², indent crimp

for 6 - 70 mm²

Die lower part, for uninsulated cable lugs, 25 mm², indent crimp

For 35 mm²

For 10, 16, 25, 35 mm²

For 6, 50 mm²

For 10, 70 mm²

Die (pair), for standard copper tubular cable lugs, 35 mm²,
WM crimp

For 16, 35 mm²

For 50 mm²

For 25, 50 mm²

For 10, 70 mm²

For 95 mm²

For 120 mm²

Pre-round die (pair), for sector cable, 25, 35 mm²

For 35, 50 mm²

For 50, 70 mm²

For 25, 50 mm²

For 35, 70 mm²

For 95 mm²

Hand tools

CRIMPFOX crimping pliers for uninsulated slip-on sleeves

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

Notes:

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



Conductor cross section of 0.1 ... 1.5 mm²



Conductor cross section of 0.1 ... 1.5 mm²



ERC

Technical data

Area of application	
Conductor	[mm ²] / AWG
Crimping	

0.1 - 1.5 / 26 - 16
B crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX-SC 1,5	1212048	1

Description

Crimping pliers, for 2.8/4.8 mm uninsulated slip-on sleeves, three marked die stations, unlockable pressure lock, lateral entry

Crimping pliers, compact pliers, for uninsulated slip-on sleeves, 2.8 / 4.8 mm, three marked die stations, unlockable pressure lock, lateral entry

Crimping pliers, for 2.8 / 4.8 / 6.3 mm uninsulated slip-on sleeves, three marked die stations, unlockable pressure lock, lateral entry

Crimping pliers, for 2.8 / 4.8 / 6.3 mm uninsulated slip-on sleeves, three marked die stations, unlockable pressure lock, lateral entry, incl. positioning tool

Crimping pliers, compact pliers, for angled (right), uninsulated slip-on sleeves, marked die station, unlockable pressure lock, lateral entry

Accessories

Replacement die	CRIMPFOX-SC 1,5/DIE	1212049	1
Replacement recuperating spring	CRIMPFOX/ SPR-3	1212036	10

ERC

Technical data

0.1 - 1.5 / 26 - 16
B crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX-SC 1,5-M	1212725	1

Accessories

CRIMPFOX/ SPR-1	1212069		1



Conductor cross section
of 0.5 ... 6 mm²



Conductor cross section
of 0.5 ... 6 mm²



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

ERC

Technical data		
0.5 - 6 / 20 - 10 B crimp		
Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX-SC 6	1212050	1
Accessories		
CRIMPFOX-SC 6/DIE	1212051	1
CRIMPFOX/ SPR-1	1212069	1

ERC

Technical data		
0.5 - 6 / 22 - 10 B crimp		
Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX-SC 6L	1212052	1
Accessories		
CRIMPFOX-SC 6/DIE	1212051	1
CRIMPFOX/ SPR-1	1212069	1

ERC

Technical data		
1 - 2.5 / 18 - 14 B crimp		
Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX-SCA 2,5-M	1212726	1
Accessories		
CRIMPFOX/ SPR-1	1212069	1

Hand tools

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



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



new

Conductor cross section of 0.14 ... 2.5 mm²

ERC

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

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

Accessories

Hand tools

CRIMPFOX crimping pliers for turned contacts

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



Conductor cross section of 0.14 - 4 mm²

Area of application		Technical data		
Conductor	[mm ²] / AWG	0.14 - 4 / 26 - 12		
Crimping		Square crimp		
Description		Ordering data		
Crimping pliers, for turned pin and socket contacts, CK1,6-ED..., CK2,5-ED..., CK4,0-ED...		Type	Order No.	Pcs./Pkt.
0.14 - 4.0 mm ²		CRIMPFOX-TC 4	1212113	1
Crimping pliers, for turned pin and socket contacts, CK4,0-ED..., 6.0 -10.0 mm ²		CRIMPFOX-TC 10	1212114	1
Replacement die		Accessories		
- For CRIMPFOX-TC 4		CRIMPFOX-TC 4/DIE	1212295	1
- For CRIMPFOX-TC 10		CRIMPFOX-TC 10/DIE	1212296	1
Replacement recuperating spring		CRIMPFOX/ SPR-1	1212069	1

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

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



Conductor cross sections of 0.08 - 2.5 mm²

Area of application		Technical data		
Conductor	[mm ²] / AWG	0.08 - 2.5 / 28 - 14		
Crimping		Four-mandrel crimping		
Description		Ordering data		
Crimping pliers, for turned contacts, universal cross section setting, up to a maximum of 2.5 mm ² , digital display with 0.01 mm increments, unlockable pressure lock, lateral entry, including positioning tool		Type	Order No.	Pcs./Pkt.
black		CRIMPFOX-TC MP	1212510	1
Crimping pliers, for turned contacts, universal cross section setting, from 0.08 mm ² up to a maximum of 2.5 mm ² , digital display with 0.01 mm increments, unlockable pressure lock, lateral entry, including positioning tool		CRIMPFOX-TC MP-1	1212620	1
black				

CRIMPFOX crimping pliers for coaxial connectors

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

Notes:

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



For coaxial connectors



For coaxial connectors

ERC

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

ERC

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

Hand tools

CRIMPFOX crimping pliers for coaxial CATV connectors

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



For CATV connectors



For CATV connectors

Area of application

Crimping

Description

Crimping pliers, for CATV connectors, RG 6.59, 1.69 mm, 8.23 mm, two marked die stations, unlockable pressure lock, lateral entry

Crimping pliers, for CATV connectors, 6.65 mm, 8.23 mm, 9.70 mm, three marked die stations, unlockable pressure lock, lateral entry

Replacement recuperating spring

Technical data

HEX crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX-CATV 8,23	1212716	1
CRIMPFOX-CATV 8,23-1	1212717	1

Accessories

CRIMPFOX/ SPR-1	1212069	1
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Technical data

HEX crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX-CATV 8,23-1	1212717	1

Accessories

CRIMPFOX/ SPR-1	1212069	1
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CRIMPFOX crimping pliers for D-SUB, coaxial, and fiber optic connectors

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

Notes:

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



For D-SUB contacts



For FO connectors

Area of application

Crimping

Description

Crimping pliers
- For rolled D-SUB contacts, high-density, 0.08 mm² - 0.5 mm², incl. contact locator

- For rolled D-SUB contacts, standard, 0.05 mm² - 0.5 mm², incl. contact locator

Crimping pliers, for FO connectors, 3.25 mm, 3.84 mm, 4.52 mm, 5.0 mm, 5.41 mm, five marked die stations, unlockable pressure lock, lateral entry

Replacement recuperating spring

Technical data

B crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX-DSUB 5	1212111	1
CRIMPFOX-DSUB 5-1	1212711	1

Accessories

CRIMPFOX/ SPR-3	1212036	10
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Technical data

HEX crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX-FO 5,41	1212099	1

Accessories

CRIMPFOX/ SPR-1	1212069	1
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CRIMPFOX crimping pliers for solar connectors

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

Conductor cross section of 2.5 - 6 mm²Conductor cross section of 2.5 - 6 mm²

Description
Crimping pliers , square crimp, for MC3 solar connectors, 2.5 – 6 mm ² , unlockable pressure lock, lateral entry, with three marked die stations
Crimping pliers , B-crimp, for MC4 solar connectors, 2.5 – 6 mm ² , unlockable pressure lock, lateral entry, with three marked die stations
Crimping pliers , square crimp, for SOLARLOK solar connectors, 2.5 – 6 mm ² , unlockable pressure lock, lateral entry, with three marked die stations
Crimping pliers , B-crimp, for SUNCLIX solar crimp connectors 2.5 ... 6 mm ² , unlockable pressure lock, precise parallel crimping, lateral entry, including positioning tool

Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX-SR 6-1	1212467	1
CRIMPFOX-SR 6-2	1212468	1
CRIMPFOX-SR 6-3	1212469	1

Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX-P SR 6	1212755	1

CRIMPFOX universal pliers for accommodating various crimp inserts

Notes:

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



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

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



Basic pliers

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

Hand tools

Dies for the CRIMPFOX-M universal pliers

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

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

Notes:

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



Dies for CRIMPFOX-M

ERC

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

CRIMPFOX universal pliers for accommodating various dies for data connectors

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



Basic pliers



Dies for CRIMPFOX-C D

EAC

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

EAC

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

Description

Basic pliers, for accommodating dies for various contact types, unlockable pressure lock, lateral entry

Die, for unshielded RJ11 connectors

Die, for unshielded RJ22 connectors

Die, for unshielded RJ45 connectors

Die, for unshielded RJ45 connectors, universal

Die, 10-pos.

Die, for DEC MML connectors

Hand tools

Portable crimping machine for ferrules, cable lugs, and connectors



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

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

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

Notes:

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

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



Connectors up to 50 mm²

Description

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

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

Ordering data

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

Portable automatic stripping and crimping device for taped products



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

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

Notes:

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

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



Conductor cross sections from 0.25 to 2.5 mm²

Description

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

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

Ordering data

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

Stripping and crimping device for loose ferrules



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

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

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

Notes:

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

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



Conductor cross sections from 0.25 to 4 mm²

ERC

Ordering data

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

Description

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

Hand tools

CRIMPHANDY, portable crimping device

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

- The CRIMPHANDY impresses with its easy, effortless handling, which helps protect your joints and tendons
- The compact light weight is ideal for mobile use in the field. Up to 2000 crimping operations can be performed, thanks to the high-performance lithium-ion polymer battery
- Automatic cross section monitoring prevents faulty crimping as a result of incorrect conductor sizes
- The attachable waste receptacle collects the discarded insulation. It thereby helps to ensure a clean working environment
- The cutting unit provides a convenient option of cutting the conductors to length right at the device
- The AI...S ferrules in accordance with UL 486F are UL-certified when used in combination with the CF CRIMPHANDY

**Notes:**

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



Conductor cross section 0.5 mm²

ERC

Dimensions	[mm]
------------	------

General data	
Weight	[kg]
Conductor	[mm ²] / AWG
Working cycle	[s]
Insertion length	[mm]
Crimping	

Description

Mobile crimping device, battery-powered, for processing taped ferrules with function end, incl. battery, charger (100 - 240 V), CUTFOX 12 cable cutter, service tool for troubleshooting and one strip of ferrules, packaged in a robust case

suitable for standard PVC conductors (H05VK, H07VK class 5)

Taped ferrules, with function end, 8 mm, with plastic sleeve, in accordance with DIN 46228-4 and UL 486F, UL and CSA-certified, 50 pieces per strip, 20 strips per unit pack

in accordance with DIN 46228-4, UL 486F, and NFC 63-023 Special color¹⁾

in accordance with DIN 46228-4 and UL 486F Special color¹⁾

in accordance with NFC 63-023¹⁾

in accordance with DIN 46228-4, UL 486F, and NFC 63-023 Special color¹⁾

in accordance with DIN 46228-4, UL 486F, and NFC 63-023 Special color¹⁾

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

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

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

Replacement service tool, for rectifying malfunctions

for CF CRIMPHANDY 0,5
for CF CRIMPHANDY 0,75

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

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

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

Technical data		
Width	Length	Height
43	205	70

0.43
- 0.5 / -
< 2
> 32 mm
Square crimp

Ordering data

Type	Order No.	Pcs./Pkt.
CF CRIMPHANDY 0,5	1212463	1

Accessories

AI 0,5-8 WH-S AI 0,5-8 OG-S	1212521 1212784	1000 1000
CF CRIMPHANDY/ACCU	1212518	1
CF CRIMPHANDY/GP1	1212514	1
CF CRIMPHANDY 0,5/GP2	1212515	1
CF CRIMPHANDY 0,5/SERVICE-TOOL	1212787	1
CF CRIMPHANDY CUTTER	1212520	1
CF CRIMPHANDY/CHARGER	1212519	1



Conductor cross section 0.75 mm²



Conductor cross section 1.0 mm²



Conductor cross section 1.5 mm²

ERC

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

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

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

ERC

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

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

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

ERC

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

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

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



Flat-bladed screwdriver, uninsulated

ERC

Ordering data

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

Hand tools

SCREWFOX screwdrivers
for Phillips and slotted-head screws



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

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



VDE crosshead screwdrivers with Pozidriv® and Phillips Recess® drive



Description
Screwdrivers, for Pozidriv®/Supadriv® Phillips screws, VDE approval Size: PZ0 x 80 mm, length: 161 mm Size: PZ1 x 80 mm, length: 178 mm Size: PZ2 x 100 mm, length: 205 mm Size: PZ3 x 150 mm, length: 262 mm
Screwdrivers, for Phillips Recess® screws, VDE approval Size: PH0 x 80 mm, length: 161 mm Size: PH1 x 80 mm, length: 178 mm Size: PH2 x 100 mm, length: 205 mm Size: PH3 x 150 mm, length: 262 mm
Screwdrivers, for Pozidriv® Phillips screws Size: PZ0 x 60 mm, length: 141 mm Size: PZ1 x 80 mm, length: 178 mm Size: PZ2 x 100 mm, length: 205 mm Size: PZ3 x 150 mm, length: 262 mm
Screwdrivers, for Phillips Recess® screws Size: PH0 x 60 mm, length: 141 mm Size: PH1 x 80 mm, length: 178 mm Size: PH2 x 100 mm, length: 205 mm Size: PH3 x 150 mm, length: 262 mm
Screwdriver, for Pozidriv®/Supadriv® Phillips screws, VDE approval Size: PZ1 x 80 mm, length: 178 mm Size: PZ2 x 100 mm, length: 205 mm Size: PH1 x 80 mm, length: 178 mm Size: PH2 x 100 mm, length: 205 mm
Screwdriver, for test socket screws, with VDE approval For 2.3 mm Ø screw, blade: 0.6 x 3.5 x 100 mm, length: 198 mm For 4 mm Ø screw, blade: 0.9 x 6.5 x 175 mm, length: 287 mm

Ordering data		
Type	Order No.	Pcs./Pkt.
SZK PZ0 VDE	1206447	10
SZK PZ1 VDE	1206450	10
SZK PZ2 VDE	1206463	10
SZK PZ3 VDE	1212599	10
SZK PH0 VDE	1205147	10
SZK PH1 VDE	1205150	10
SZK PH2 VDE	1205163	10
SZK PH3 VDE	1212536	10





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



VDE screwdriver with plus-minus drive



VDE screwdriver with staggered blade for test socket screws

EAC

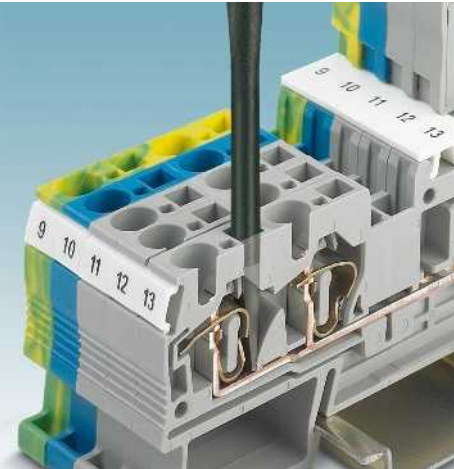
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EAC

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

Hand tools

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



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



VDE flat-bladed screwdrivers with integrated insulation



Description
Screwdriver/actuation tool , for slotted-head screws/spring-cage terminal blocks, protective insulation integrated into the shaft, two-component handle, with non-slip grip, VDE-insulated
Blade: 0.6 x 3.5 x 100 mm, length: 181 mm
Blade: 0.8 x 4.0 x 100 mm, length: 198 mm
Blade: 1.0 x 5.5 x 150 mm, length: 248 mm
Screwdriver , protective insulation integrated into shaft, insulated according to VDE Size: PZ1 x 80 mm Size: PZ2 x 100 mm
Screwdriver , protective insulation integrated into shaft, insulated according to VDE Size: PH1 x 80 mm Size: PH2 x 100 mm
Screwdriver , protective insulation integrated into shaft, insulated according to VDE Size: Pozidriv® - bladed (plus-minus) PZ1 x 80 mm Size: Pozidriv® - bladed (plus-minus) PZ2 x 100 mm
Screwdriver , protective insulation integrated into shaft, insulated according to VDE Size: Phillips Recess® - bladed (plus-minus) PH1 x 80 mm Size: Phillips Recess® - bladed (plus-minus) PH2 x 100 mm
Screwdriver set , protective insulation integrated in the shaft, slotted, Phillips crosshead, combined profile, Pozidriv® + slotted (plus/minus), VDE-insulated, 7-piece, including wall bracket, set contains the following items: 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; PH1 x 80; PH2 x 100; PZSL1 x 80; PZSL2 x 100

Ordering data		
Type	Order No.	Pcs./Pkt.
SF-SL 0,6X3,5-100 S-VDE	1212587	10
SF-SL 0,8X4,0-100 S-VDE	1212588	10
SF-SL 1,0X5,5-125 S-VDE	1212589	10





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

ERC



VDE screwdrivers with plus-minus drive, with integrated insulation

ERC



VDE screwdriver with various drives and integrated insulation

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.
SF-PZ 1-80 S-VDE	1212695	10
SF-PZ 2-100 S-VDE	1212696	10
SF-PH 1-80 S-VDE	1212693	10
SF-PH 2-100 S-VDE	1212694	10

Ordering data		
Type	Order No.	Pcs./Pkt.
SF-PZSL 1-80 S-VDE	1212699	10
SF-PZSL 2-100 S-VDE	1212700	10
SF-PHSL 1-80 S-VDE	1212697	10
SF-PHSL 2-100 S-VDE	1212698	10

Ordering data		
Type	Order No.	Pcs./Pkt.
SF-SL/PH/PZ-SL SET S-VDE	1212701	1

Hand tools

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



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



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

ERC

Description
Screwdriver/actuation tool, uninsulated, for slotted-head screws, PT, ST, and QTC terminal blocks
Blade: 0.4 x 2.5 x 75 mm, length: 156 mm
Blade: 0.6 x 3.5 x 100 mm, length: 181 mm
Blade: 0.8 x 4.0 x 100 mm, length: 198 mm
Blade: 1.0 x 5.5 x 150 mm, length: 248 mm
Screwdriver/actuation tool, insulated, for slotted-head screws and all PT, ST, and QTC terminal blocks, 2.5 mm² and 4 mm²
Blade: 0.6 x 3.5 x 100 mm, length: 181 mm
Actuation tool, insulated, for all PT, ST, and QTC terminal blocks, 2.5 mm² and 4 mm²
Blade: 0.6 x 3.5 mm
Actuation tool, insulated, for all PT and ST terminal blocks, 1.5 mm²
Blade: 0.4 x 2.5 mm

Ordering data		
Type	Order No.	Pcs./Pkt.
SZF 0-0,4X2,5	1204504	10
SZF 1-0,6X3,5	1204517	10
SZF 2-0,8X4,0	1204520	10
SZF 3-1,0X5,5	1206612	10





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



Actuation tool for PT and ST terminal blocks, insulated



Actuation tool for PT and ST terminal blocks, insulated

EAC

EAC

Ordering data		
Type	Order No.	Pcs./Pkt.
SZS 0,6X3,5	1205053	10

Ordering data		
Type	Order No.	Pcs./Pkt.
ST-BW	1207608	10

Ordering data		
Type	Order No.	Pcs./Pkt.
ST-BW 0	1200135	10

Tools – TOOL fox

Hand tools

SCREWFOX screwdriver for Torx® screws

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



VDE screwdriver for Torx® screws



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

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

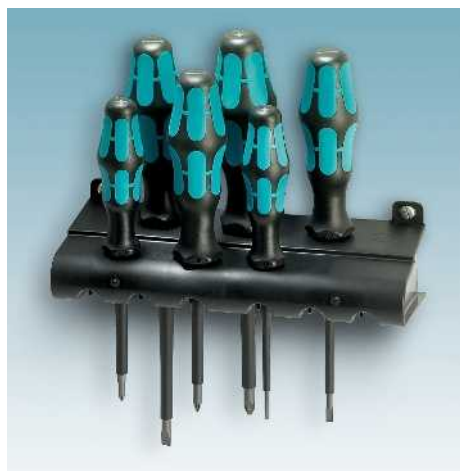
SCREWFOX single-position voltage tester



Single-position voltage tester

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

TOOL fox, screwdriver set



Notes:

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



Screwdriver sets

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

Description
Screwdriver set , slotted/Phillips Recess®, 6-part, including wall bracket, contents: 0.5 x 3.0 x 80; 0.8 x 4.0 x 100; 1.0 x 5.5 x 150; 1.2 x 6.5 x 150, PH 1, PH 2
Screwdriver set , slotted/Pozidriv® cross-recessed, 6-part, including wall bracket, contents: 0.5 x 3.0 x 80; 0.8 x 4.0 x 100; 1.0 x 5.5 x 150; 1.2 x 6.5 x 150, PZ 1, PZ 2
Screwdriver set , slotted/Pozidriv® cross-recessed, VDE-insulated, 6-part, including wall bracket, contents: 0.4 x 2.5 x 80; 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; PZ 1, PZ 2
Screwdriver set , slotted/Phillips Recess®, VDE-insulated, 6-part, including wall bracket, contents: 0.4 x 2.5 x 80; 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; PH 1, PH 2
Screwdriver set , protective insulation integrated in the shaft, slotted, Phillips crosshead, combined profile, Pozidriv® + slotted (plus/minus), VDE-insulated, 7-piece, including wall bracket, set contains the following items: 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; PH1 x 80; PH2 x 100; PZSL1 x 80; PZSL2 x 100
Screwdriver set , Torx® with bore hole, 6-part, including wall bracket, contents: TX 8 x 60; TX 10 x 80; TX 15 x 80; TX 20 x 100; TX 25 x 100; TX 30 x 115
Screwdriver set , Torx®, VDE-insulated, 6-part, including wall bracket, contents: TX 8 x 80; TX 10 x 80; TX 15 x 80; TX 20 x 80; TX 25 x 100; TX 30 x 100

ERC

Ordering data

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



Tools – TOOL fox

Hand tools

TOOL fox, bit set



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



Bit set, 10-piece

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

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

TOOL fox, screwdriver set



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



Bit screwdriver set, 17-piece

Description
Bit screwdriver set with quick-action chuck , 89 mm long slotted/crosshead (PZ and PH)/ Hex / Torx® bits, 17-part, in folding belt pouch, contents: PH 1,2,3 x 89; PZ 1,2,3 x 89; SL 1,5 x 5,5 x 89; TX 10-30 x 89; SW 3,4,5,6 x 89
Bit screwdriver set with quick-action chuck , 89 mm long slotted/crosshead/hex/Torx® bits, 17-piece, in folding belt pouch, contents: PH 1, 2, 3 x 89, SL 0.4 x 2.5, 0.6 x 3.5, 0.8 x 3.5, 1.0 x 5.5, 1.2 x 6.5 x 89, TX 10-30, SW 3, 4, 5 x 89

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

SCREWFOX torque screwdriver



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



Torque screwdriver, 0.3 - 6.0 Nm,
adjustable

ERC

Ordering data

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

Accessories

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

Description

Torque screwdriver

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

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

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

Adapter for 1/4"

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

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



Hand tools

SCREWFOX cordless screwdriver



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

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



Cordless screwdriver with torque adjustment, 21-stage

Description

Cordless screwdriver, 3.6 V, incl. rechargeable battery, 1.5 Ah

Cordless screwdriver set, incl. two batteries and charger, 230 V, packaged in a robust aluminum case

Replacement charger, for SF-ASD 21 cordless screwdriver, 230 V

Replacement battery, for SF-ASD 21, Li-ion 3.6 V, 1.5 Ah

Ordering data

Type	Order No.	Pcs./Pkt.
SF-ASD 21	1212532	1
SF-ASD 21 SET 230V	1212530	1

Accessories

SF-ASD 21/CHARGER 230V	1212535	1
SF-ASD 21/ACCU 1,5 AH	1212533	1

SF-ASD 16 cordless screwdriver



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

Description

Cordless screwdriver, 3.6 V, incl. rechargeable battery, 1.5 Ah

Cordless screwdriver set in case, incl. battery, 100 V ... 240 V charger, 2 bits, two-speed, right/left rotation and 16-stage clutch up to 450 rpm, hexagonal fast connection

Replacement battery, 1.5 Ah, lithium-ion, 3.6 V, for SF-ASD 16 cordless screwdriver

Replacement charger, for SF-ASD 16 cordless screwdriver, 100 V ... 240 V



new

Cordless screwdriver with adjustable torque, 16-stage

Ordering data

Type	Order No.	Pcs./Pkt.
SF-ASD 16	1200294	1
SF-ASD 16 SET	1200295	1

Accessories

SF-ASD 16/ACCU 1,5 AH	1200297	1
SF-ASD 16/CHARGER	1200296	1

SCREWFOX bit hand holder

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

**Bit screwdriver****Description**

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

Bit screwdriver

black

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

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

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

SCREWFOX universal bit holder

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

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

**Universal bit holder****Description**

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

silver

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



Screw bit, plus/minus



Screw bit, Torx®



Screw bit, hex

ERC

ERC

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

SCREWFOX screwdriver tools



SHN ...

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

SF-THEX ...

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



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

Description

Socket wrench, for hexagon screws/nuts, with hollow shaft

Wrench size of 5.5 mm

Wrench size of 8 mm

Wrench size of 13 mm

T-handle screwdriver, for Allen screws, ergonomically shaped handle, matt chrome-plated

Size: hex 2 x 100 mm

Size: hex 2.5 x 100 mm

Size: hex 3 x 100 mm

Size: hex 4 x 150 mm

Size: hex 5 x 150 mm

Size: hex 6 x 200 mm

Size: hex 8 x 200 mm

Size: hex 10 x 200 mm

Allen screw set, for Allen screws, 9-piece, 1.5 to 10.0 mm, matt chrome, with spherical head, including bracket

L-key set, Torx®, TX 8, 9, 10, 15, 20, 25; 27, 30, 40 mm, phosphate coated, with spherical head as of TX 15, including bracket

Ordering data

Type	Order No.	Pcs./Pkt.
SHN 5.5	1209855	10
SHN 8	1209868	10
SHN 13	1209923	10





Allen screw,
wrench size 2 - 10 mm



Allen screw set,
wrench size 1.5 - 10 mm



Torx® -SET, TX 8 - 40

ERC

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

ERC

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

ERC

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

SCREWFOX torque screwdriver



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

Description

Torque screwdriver

With preset torque of 0.2 Nm and 4 mm hexagonal drive
With preset torque of 0.4 Nm and 4 mm hexagonal drive
With a preset torque of 0.8 Nm and a 4 mm hexagonal drive
With a preset torque of 2.0 Nm and 4 mm hexagonal drive
With a preset torque of 2.5 Nm and 4 mm hexagonal drive

Torque screwdriver

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

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



Torque screwdriver

ERC

Ordering data

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

Accessories

Nut

assembles sensor/actuator cables with M8 connectors and M8 connectors with insulation displacement connection, for TSD 02 SAC, for 0.2 Nm
assembles SACC M8 connectors for assembly with longitudinal knurl, excluding those with insulation displacement connection, for TSD 02 SAC, for 0.2 Nm
assembles sensor/actuator cables with M12 connectors and M12 connectors with insulation displacement connection, for TSD 04 SAC, for 0.4 Nm
assembles sensor/actuator cables with M12 connectors and M12 connectors with insulation displacement connection, diameter 16 mm, for 0.4 Nm
assembles SACC M12 connectors for assembly, excluding those with insulation displacement connection, for TSD 04 SAC, for 0.4 Nm and 0.8 Nm
assembles M12 connector with hexagonal stainless steel knurls, wrench size 14, for TSD 04 SAC, for 0.4 Nm

for assembly of 7/8" connectors, for TSD 08 SAC, for 0.8 Nm

for secure tightening of the pressure nuts with 13 mm wrench size, for TSD 20 SAC, for 0.8 Nm, and 2.0 Nm

for secure tightening of the pressure nuts with 24 mm wrench size, for TSD 25 SAC, for 2.5 Nm

SAC BIT M8-D10	1208461	1
SACC BIT M8-D12	1208474	1
SAC BIT M12-D15	1208432	1
SAC BIT M12-D16	1200305	1
SACC BIT M12-D20	1208445	1
SAC BIT M12-W14	1212513	1
SAC BIT MIN-D25	1212512	1
SAC BIT QUICKON-W13	1212033	1
SAC BIT HOOD-W 24	1212486	1

SCREWFOX universal control cabinet key



1



2



3

– Universal control cabinet key with the following closures:

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

2 = 7-8 mm, triangle

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



Four-way closure

Description

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

Ordering data

Type	Order No.	Pcs./Pkt.
USS 4	1203149	1

SCREWFOX universal control cabinet key



1



2



3



4

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

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

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

3 = 3-5 mm two-way key bit

4 = 6 mm semicircle



Control cabinet key, 9 closures

Description

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

Ordering data

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

Tools – TOOL fox

Hand tools

Tool boxes with sockets

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



Socket tray, 47-part

Description

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

Ordering data

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

Measuring tape

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



Measuring tape: 5 m

Description

Measuring tape, 5 m
Metric
Inch/metric

Ordering data

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

TESTFOX voltage and continuity tester



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



Voltage tester



General data

Voltage range	[V DC]
Voltage range	[V AC]

Technical data

12 ... 1000
12 ... 1000

Ordering data

Description

Voltage tester

Type

DUSPOL EXPERT

Order No.

1209091

Pcs./Pkt.

1

TESTFOX, digital current probe multimeter

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



For DC and AC current

General data

Display scope
Accuracy of display
AC voltage measuring range
DC voltage measuring range
AC current measuring range
DC current measuring range
Resistance measuring range
Continuity test range
Degree of protection
Measuring category
Power supply
Test certificate

Technical data

4000 digits
0,5%
0.1 mV ... 600 V
0.1 mV ... 600 V
10 mA ... 300 A
10 mA ... 300 A
0.1 Ω ... 40 MΩ
Acoustic (50 Ω)
IP30
CAT III 300 V / CAT II 600 V
2 x micro battery 1.5 V, LR03, AAA
IEC/EN 61010-1, DIN VDE 0411

Ordering data

Description

Current probe/multimeter

Type

TESTFOX CC-1

Order No.

1212211

Pcs./Pkt.

1

TESTFOX digital multimeter



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

High-level of safety

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

Safe cable breakage detection

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



Digital multimeter,
with extended scope of functions

ERC

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

Description
Digital multimeter

Technical data		
2000 digits		
0.5%		
Yes		
0.1 mV ... 750 V		
0.1 mV ... 1000 V		
1 mA ... 10 A		
1 mA ... 10 A		
0.1 Ω ... 20 MΩ		
Yes (25 Ω)		
1 Hz ... 20 MHz		
1.00 pF ... 2.00 mF		
-20°C ... 800°C		
Yes (1.5 mA)		
IP30		
CAT III 600 V / CAT II 1000 V		
2 x micro battery 1.5 V, LR03, AAA		
IEC/EN 61010-1, DIN VDE 0411		
Ordering data		
Type	Order No.	Pcs./Pkt.
TESTFOX M-1	1212209	1

TOOL fox, tool sets for convenient use on site

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



Tool set in a carry case wrap



Tool set in a carry case wrap

EAC

Ordering data		
Type	Order No.	Pcs./Pkt.
TOOL-WRAP	1212505	1
TOOL-WRAP EMPTY	1212501	1

EAC

Ordering data		
Type	Order No.	Pcs./Pkt.
TOOL-WRAP-2	1200100	1

Description

Tool carry case wrap, equipped with one of each of the following tools:

CUTFOX-S VDE | CUTFOX 16 VDE |
UNIFOX-C VDE | UNIFOX-P VDE |
SZS 0,4X2,5 | SZS 0,5X3,0 | SZS 1,0X4,0 |
SZS 1,0X6,5 | SZK PH0 | SZK PH1 |
SZK PH2 | DUSPOL EXPERT |
TOOL-WRAP EMPTY

Tool carry-on bag, unequipped

Tool carry case wrap, equipped with one of each of the following tools:

CUTFOX 18 | WIREFOX 10 |
WIREFOX 16-1 | WIREFOX-D 40 |
CRIMPFOX CENTRUS 6H |
SF-SL 0,6X3,5-100 S-VDE |
SF-SL 0,8X4,0-100 S-VDE |
SF-SL 1,0X5,5-125 S-VDE |
SF-PH 1-80 S-VDE | SF-PH 2-100 S-VDE |
SF-PZSL 2-100 S-VDE | TOOL-WRAP EMPTY

Tools – TOOL fox

Hand tools

TOOL fox, tool sets for convenient use on site

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new



Tool set in a case

ERC

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



Tool set in a case



Tool set in a case



Tool set in a case

ERC

ERC

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Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX CENTRUS 6S SET	1213999	1
CRIMPFOX CENTRUS 10S SET	1026994	1

Ordering data		
Type	Order No.	Pcs./Pkt.
TOOL-KIT STANDARD	1212422	1

Ordering data		
Type	Order No.	Pcs./Pkt.
TOOL-KIT SOLAR	1212071	1

Tools – TOOL fox

Hand tools

TOOL fox, tool sets for convenient use on site

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



Tool set in a belt pouch

ERC

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Tool belt pouch , equipped with one of each of the following tools: CUTFOX-S VDE CUTFOX 18 WIREFOX-D 13 UNIFOX-CE VDE USS 4 SZS 0,5X3,0 SZS 1,0X4,0 SZS 1,0X5,5 SZK PH1 SZK PH2 Cutting knife Tape measure 5 m DUSPOL EXPERT TOOL-BELTPOUCH EMPTY	TOOL-BELTPOUCH	1212506	1
Tool belt pouch , empty	TOOL-BELTPOUCH EMPTY	1212502	1
Tool bag , equipped with one of each of the following tools: CUTFOX S VDE CUTFOX 18 WIREFOX 10 VDE WIREFOX-D 13 WIREFOX-D 28 CRIMPFOX-M CRIMPFOX-M 10/DIE UNIFOX-CE VDE UNIFOX-P VDE UNIFOX WP SZS 0,4X2,5 SZS 0,5X3,0 SZS 1,0X4,0 SZS 1,0X6,5 SZK PH0 SZK PH1 SZK PH2 DUSPOL EXPERT USS 4 Cutting knife Tape measure 5 m TOOL CARRIER EMPTY			
Tool bag , empty			
Tool bag , with laptop and document compartments, equipped with one of each of the following tools: CUTFOX 25 VDE CUTFOX-S VDE WIREFOX 10 WIREFOX-D 40 CRIMPFOX-M SET UNIFOX-C VDE UNIFOX-P VDE UNIFOX WP SZS 0,4X2,5 SZS 0,5X3,0 SZS 1,0X4,0 SZS 1,0X6,5 SZK PH0 SZK PH1 SZK PH2 DUSPOL EXPERT USS 4 AI SORTI BOX RD Cutting knife 5 m tape measure TOOL-BAG EMPTY			
Tool bag , with document and laptop compartments, empty			
Tool set , consisting of: CRIMPHANDY 0.5 mm ² (packed in a robust bag), CRIMPHANDY CUTTER, and taped ferrules, 0.5 mm ² , 100 strips with 50 ferrules per strip			
Tool set , consisting of: CRIMPHANDY 0.75 mm ² (packed in a robust bag), CRIMPHANDY CUTTER, and taped ferrules, 0.75 mm ² , 100 strips with 50 ferrules per strip			
Tool set , consisting of: CRIMPHANDY 1.0 mm ² (packed in a robust bag), CRIMPHANDY CUTTER, and taped ferrules, 1.0 mm ² , 100 strips with 50 ferrules per strip			
Tool set , consisting of: CRIMPHANDY 1.5 mm ² (packed in a robust bag), CRIMPHANDY CUTTER, and taped ferrules, 1.5 mm ² , 100 strips with 50 ferrules per strip			



Tool set in a shoulder bag



Tool set in a bag with laptop and document compartments



ERC

ERC

ERC

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

Hand tools

TOOL fox, tool sets

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



RJ45 tool set

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.
Description Stripping, crimping and cutting set , consisting of: cable cutter for copper and aluminum up to 12 mm Ø, stripping tool for stripping multi-core signal, control, and fiberglass cables with 2.5 - 11 mm Ø, insulation thickness of up to 1 mm Basic pliers for accommodating dies for different type of contacts Die, for CRIMPFOX-M, for unshielded RJ45 connectors Cutting, stripping, and crimping set , comprising: cable cutter for copper and aluminum up to Ø 12 mm, stripping tool for cables and conductors with a cross section of 0.02 - 10 mm ² , self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm ² rigid/1.5 mm ² flexible Crimping pliers for ferrules measuring 0.14 - 10 mm ² Stripping, crimping, and screwing set , comprising: screwdriver for slotted-head screws Stripping tool for 0.02 - 10 mm ² cables and conductors, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm ² rigid/1.5 mm ² flexible Crimping pliers for ferrules in accordance with DIN DIN 46228, Parts 1+4, 0.5 - 6 mm ² , front insertion, square crimping Ferrules, CSA-certified, 50 pcs. each of: Al 0,5-8 WH, Al 2,5-8 BU Ferrules, CSA-certified, 100 pcs. each of: Al 0,75-8 GY, Al 1-8 RD, Al 1,5-8 BK Assortment box , made of metal, equipped with ferrules in accordance with DIN 46228-4: 1990-09, CSA-certified 500 pieces each of Al 0,25-6 YE, Al 0,34-6 TQ, Al 0,5-8 WH, Al 0,75-8 GY, Al 1-8 RD, Al 1,5-8 BK, 300 pieces of Al 2,5-8 BU, 200 pieces of Al 4-10 GY, 100 pieces of Al 6-12 YE as well as stripping tool for wires and conductors of up to 6 mm ² Crimping pliers for ferrules in accordance with DIN 46228, Part 1+4, 0.5 - 6 mm ² , front insertion, trapezoidal crimp Assortment box , made of metal, equipped with ferrules in accordance with DIN 46228-4: 1990-09, CSA-certified 300 pieces of Al 10-12 RD, 200 pieces of Al 16-12 BU, 100 pieces of Al 25-16 YE as well as stripping tool, for stripping wires of 4.5 - 40 mm Crimping pliers for ferrules in accordance with DIN 46228, Part 1+4, 10 - 25 mm ² , lateral insertion, WM crimp Assortment box , metal, empty	TOOL DATA SET	1
	1208856	



Ferrule tool set



Tool and ferrule set



Tool and ferrule set

ERC

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

ERC

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

ERC

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

Hand tools

CRIMPFOX pliers, laser marked according to customer specifications



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

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

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

Description
Crimping pliers , for ferrules, in accordance with DIN 46228-1-4 and UL 486F, five marked die stations, laser marked according to customer specifications¹⁾ Lateral entry, 0.25 - 6.0 mm ² , unlockable pressure lock, trapezoidal crimp Front insertion, 0.5 - 6 mm ² , square crimp
Crimping pliers , unlockable pressure lock, lateral entry, oval crimp, laser marked according to customer specifications¹⁾ For insulated cable lugs (light green, red), 0.14 - 1 mm ² , three marked die stations For insulated cable lugs (red, blue), 0.5 - 2.5 mm ² , two marked die stations
Crimping pliers , for uninsulated cable lugs, three marked die stations, 0.34 - 2.5 mm ² , unlockable pressure lock, lateral entry, indent crimp, laser marked according to customer specifications¹⁾
Crimping pliers , for uninsulated slip-on sleeves 2.8/4.8/6.3 mm, three marked die stations, B-crimp, 0.1 - 1.5 mm ² , unlockable pressure lock, lateral entry, laser marked according to customer specifications¹⁾
Crimping pliers , for ferrules in accordance with DIN 46228-1/-4 and UL 486F, self-adjusting die, trapezoidal crimp, 0.5 - 6 mm ² , unlockable pressure lock, laser marked according to customer specifications¹⁾ Front insertion Lateral entry Crimping pliers , three marked die stations, 0.5 - 6 mm ² , oval crimp, unlockable pressure lock, lateral entry, laser marked according to customer specifications¹⁾ For insulated cable lugs, symmetrical (red, blue, yellow) For insulated cable lugs, asymmetrical (red, blue, yellow)
Crimping pliers , for ferrules in accordance with DIN 46228-1/-4 and UL 486F, unlockable pressure lock, lateral entry, laser marked according to customer specifications¹⁾ Three marked die stations, 10 - 25 mm ² Two marked die stations, 35 - 50 mm ²

TOOLS
FOR YOU

Laser marked according to
customer specifications

TOOLS
FOR YOU

Laser marked according to
customer specifications

TOOLS
FOR YOU

Laser marked according to
customer specifications

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX 6 CUS	1212767	1
CRIMPFOX 6S-F CUS	1212769	1
CRIMPFOX-RCI 1 CUS	1212772	1
CRIMPFOX-RCI 2,5 CUS	1212773	1
CRIMPFOX-RC 2,5 CUS	1212777	1
CRIMPFOX-SC 1,5 CUS	1212779	1

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX 6T-F CUS	1212771	1
CRIMPFOX 6T CUS	1212770	1

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.
CRIMPFOX-RCI 6 CUS	1212774	1
CRIMPFOX-RCI 6-1 CUS	1212775	1
CRIMPFOX 25R CUS	1212765	1
CRIMPFOX 50R CUS	1212766	1

TOOLS
FOR YOU

Laser marked according to
customer specifications

TOOLS
FOR YOU

Laser marked according to
customer specifications

new

TOOLS
FOR YOU

Laser marked according to
customer specifications

ERC

ERC

ERC

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX CENTRUS 6S CUS	1213164	1
CRIMPFOX CENTRUS 10S CUS	1213174	1
CRIMPFOX CENTRUS 6H CUS	1213166	1
CRIMPFOX CENTRUS 10H CUS	1213176	1

Ordering data

Type	Order No.	Pcs./Pkt.
CRIMPFOX DUO 10 CUS	1044970	1

Ordering data

Type	Order No.	Pcs./Pkt.
WIREFOX 4 CUS	1212762	1
WIREFOX 6SC CUS	1212763	1
WIREFOX 10 CUS	1212760	1
WIREFOX 16 CUS	1212761	1

Tools – TOOL fox

Hand tools

CUS tool sets, equipped with tools according to customer requirements



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

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

i #0290

Description

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

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

Tool case, equipped with tools according to customer requirements

TOOLS
FOR YOU



Tool case, lockable, with straps

Ordering data

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

CUS tool sets, equipped with tools according to customer requirements

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

i #0290

TOOLS
FOR YOU



Tool bag, with document and laptop compartments

Ordering data

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

TOOLS
FOR YOU



Tool bag, with strap

Ordering data

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

Description

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

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

CUS tool sets, equipped with tools according to customer requirements



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

i #0290

TOOLS
FOR YOU



Tool belt pouch

Description

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

Ordering data

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

CUS tool sets, equipped with tools according to customer requirements

- Products are configured and ordered with web code:

i #0290

TOOLS
FOR YOU



Tool case

TOOLS
FOR YOU



Tool wrap

Ordering data

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

Description

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

Tool wrap, equipped with tools according to customer requirements

Ordering data

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

Hand tools

Tool case with customized marking



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

i #0290

TOOLS
FOR YOU



Tool case, lockable, with strap

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

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

Tool bags with customized marking

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

i #0290

TOOLS
FOR YOU



Tool bag, with document and laptop compartments

TOOLS
FOR YOU



Tool bag, with strap

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

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

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

Tool belt pouch with customized marking



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

i #0290

TOOLS
FOR YOU



Tool belt pouch

Description

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

Ordering data

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

Tool kit, tool wrap with customized marking

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

i #0290

TOOLS
FOR YOU



Tool kit

TOOLS
FOR YOU



Tool wrap

Ordering data

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

Description

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

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

Ordering data

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

