The right tool
for every application
TOOL fox

dialog with customers and
...rtners worldwide

...nix Contact is a globally present,
...many-based market leader. Our group
...mpanies is synonym for future-
...ted components, systems, and
...ions in the fields of electrical
...eering, electronics, and automation.
...bal network across more than
...ountries, and **15,000** employees
...e a close proximity to our customers,
... we believe is particularly important.

...wide variety of our innovative products
...s it easy for our customers to find
...e-oriented solutions for different
...ations and industries. We especially
... on the fields of energy, infrastructure,
...ess and factory automation.

Iceland · Finland · Norway · Sweden · Estonia · Latvia · Denmark · Lithuania · Belarus · Ireland · United Kingdom · Netherlands · Canada · Belgium · Blomberg, Germany · Poland · Russia · Luxembourg · Czech Republic · France · Austria · Slovakia · Ukraine · Kazakhstan · Switzerland · Slovenia · Hungary · USA · Croatia · Romania · South Korea · Spain · Italy · Bosnia and Herzegovina · Serbia · Georgia · Japan · Portugal · Montenegro · Azerbaijan · Macedonia · Turkey · Armenia · China · Tunisia · Greece · Cyprus · Iraq · Taiwan · Morocco · Lebanon · Iran · Pakistan · Bangladesh · Mexico · Algeria · Israel · Kuwait · India · Myanmar · Guatemala · Jordan · Bahrain · Sri Lanka · Philippines · Honduras · Egypt · Qatar · Thailand · Nicaragua · Saudi Arabia · Malaysia · Vietnam · Costa Rica · Venezuela · UAE · Panama · Ghana · Nigeria · Oman · Singapore · Colombia · Uganda · Kenya · Ecuador · Tanzania · Indonesia · Peru · Brazil · Bolivia · Zambia · Mozambique · Namibia · Zimbabwe · Botswana · Paraguay · South Africa · Chile · Uruguay · Argentina · Australia · New Zealand

PHŒNIX CONTACT

Contents

TOOL fox – The right tool for every application

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

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

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

uality and tool expertise
OOL fox

ssional tools feature reliability and high
rmance. We produce our tools in
specialized manufacturing processes in
dance with applicable standards,
tives, and legal regulations.

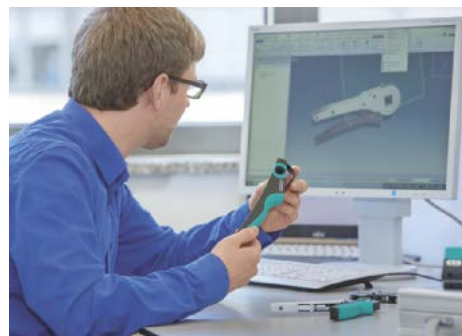r manufacturing site in Sweden, we
uce in a resource-saving and sustainable
er while being aware at all times of
esponsibility towards the environment.

nix Contact tools impress with their
ative solutions, precision, and
ility.

Purchasing

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

Development

We develop innovative products that
impress – our development focuses on

d experts deliver high-quality
comprehensive machine park and

Quality assurance

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

Advice and service

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

onductors and cables

ductors, cables, and wires serve
purpose to carry electrical signals
nergy. In everyday conversation,
es are often equated to wires, as
 versions generally consist of several
ductors that are isolated from each
er. Cables, however, have increased
hanical resistance, which allows
 in the ground, underwater or even
otected outside.

 conductor (also called wire)
sists of a conductive core of copper
luminum, in addition to insulation.
per is preferred, due to its excellent
trotechnical properties.

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

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

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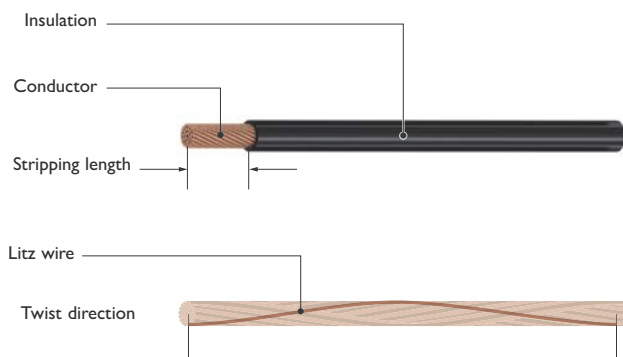choosing the right stripping tool.

lass 1: single-strand

lass 2: multi-strand

lass 5: fine-strand

lass 6: extra-fine-strand

Insulation

Conductor

Stripping length

Litz wire

Twist direction

ules

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

...blank shape without plastic sleeve
...crimping with and without
...on
...conductor surrounded without
...on
...blank shape with plastic sleeve

...on to the geometrical dimensions,
...erials and the coloring dependent
...sections are the test basis of the
... Furthermore, the requirements
...eeve, and conductors of
...5, and 6 must be picked up
...conductor cross sections are
...via the electrical resistance levels
...as is the case with sleeves,
...eometric dimensions. Larger
...iations in the cross sections
...efore possible (also refer to the
...on conductors and cables). Due
...here is a certain discrepancy
...the sleeve and the conductor.
...Contact crimping tools are
...overwhelmingly designed to even
...difference in capacity. In addition

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

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

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

Now UL-certified

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

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

...crimp connections have been tested
...ons of times in all areas of industry;
...omotive technology, air travel, the
...sport industry, and in medical devices.

...nectors are also known as crimp
...tacts. They are available in a wide
...e of versions and designs.

...y are divided into two main groups:
...large, turned connectors or contacts
...referred to as closed; the punched,
...ed connectors or contacts are called
...n.

...he electrical installation, these crimp
...nections fall under the heading
...older-free electrical connections.
...scope of service as well as test
...ifications are described in the
...opean standard DIN EN 60352-2.

...mping is a joining process to
...manently connect one or more
...ductors with a contact. A stripped
...ductor is inserted into the crimp zone
...he contact and connected by means
...specific crimping process. This results
...durable, fixed and reliable connection
...cannot be detached.

...following key groups make up the
...rent connector types, with a large
...e of dimensions and conductor cross
...ions:

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

Crimp profiles

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

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

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

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

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

Square crimping	Hex crimp	Trapeze crimp	Oval crimp	B crimp	Indent/prong crimp	Double indent crimp	WM crimp	Four-mandrel crimping pliers

Overview crimp profiles

Conductor pull-out test

points can be affected by
orces during wiring or operation.
e, properly crimped connectors
les must offer a high degree of
cal safety. To test the tensile load
a crimped conductor is exposed
defined, cross-sectional tensile
a period of 60 seconds, and
withstand this load. The tensile
rts stress on the conductor
imping point. Damages to the
int must not be a result of this.
, even the maximum tensile
olerated, until the connection is
d.

Conductor pull-out test

| JIS type	AWG/MCM equivalent		UL 486F-A-F	IEC 60999-1/2 EN 60947-1 DIN 46228-1/4	IEC 60352-2	UL486A/B (CU)	JIS C 2805	DIN EN 61238-1 (CU)	DIN EN 61210
-	24	0.21 mm²	20 N	10 N	28 N	22.3 N			28 N
			20 N		32 N				
-	22	0.33 mm²	20 N	15 N	40 N	35,6 N			40 N
-	20	0.52 mm²	20 N	20 N	60 N	57.9 N			56 N
-			30 N	30 N	85 N	89 N			84 N
	18	0.82 mm²	30 N	30 N	90 N	89 N			
-			35 N	35 N	108 N				108 N
1.25 mm²							100 N (200 N)		
	16	1.31 mm²	40 N	40 N	135 N	134 N			
			40 N	40N	150 N	134 N			150 N
2.0 mm²							100 N (290 N)		
	14	2.08 mm²	50 N	50 N	200 N	223 N			
			50 N	50 N	230 N	223 N			230 N
	12	3.31 mm²	60 N	60 N	275 N	312 N			
3.5 mm²							540 N		
			60 N	60 N	310 N	312 N			310 N
5.5 mm²							780 N		
	10	5.26 mm²	80 N	80 N	360 N	356 N			360 N
8 mm²							980 N		
	8	8.37 mm²			370 N	401 N			
			90 N	90 N	380 N	401 N		600 N	
14 mm²							1400 N		
	6	13.23 mm²	100 N	100 N		445 N		960 N	
22 mm²							1800 N		
	4	21.15 mm²	135 N	135 N		623 N		1500 N	
	3	26.67 mm²				712 N			
	2	33.62 mm²	190 N	190 N		801 N		2100 N	
38 mm²							2500 N		
	1	42.41 mm²				890 N			
	1/0	53.48 mm²		236 N		1113 N		3000 N	
60 mm²							3200 N		
	2/0	67.43 mm²		285 N		1235 N		4200 N	
	3/0	85.01 mm²		351 N		1558 N		5700 N	
100 mm²							3900 N		
	4/0	107.22 mm²		427 N		2003 N		7200 N	
	250 MCM	127 mm²				2225 N			
150 mm²	300 MCM	152 mm²		427 N		2448 N	4100 N	9000 N	
	350 MCM	177 mm²		503 N		2670 N		11100 N	
200 mm²							4400 N		
	400 MCM	203 mm²				2893 N			

as tightness in crimp connections

s-tight crimp connection is the result
defined crimping procedure. The wire
nds in one or more conductors and a
nector are joined into a largely
ogeneous structure, with no
rances. This results in a durable,
ble connection that cannot be
ched. In addition to the mechanical
electrical properties to be tested, a
l observation of the connection
vides key information on the quality of
connection. To this end, grinding
erns or acquisitions are created by
s of computer tomography. The
osity, breaking elongation, and the
nation of the individual wire strands
assessed in this way.

orrectly executed crimp procedure is
ely protected from gases such as
ur-dioxide containing industrial
ronments, oxygen, salt spray, or other
osive media. This prevents gases
ng corrosion during the service life of
individual wire strands such that the
trical properties deteriorate as a
lt. The crimp connections of ferrules
not be compared directly with
nectors or cable lugs. They must be
sidered differently. Ferrules are used as
ng protection for class 2, 5, and 6
er wires, that are flexible and highly
ble. The copper sleeve of the ferrule
has a material thickness of 0.15 to
mm. It is significantly thinner than
of cable lugs, for example. If the
er sleeve of a ferrule with a
ductor cross section of 2.5 mm² has a
erial thickness of 0.3 mm, the material
kness of a comparable cable lug is
mm. DIN 46228 (parts 1-4) describes
mechanical testing and the envelope
ension check as of 2.5 mm² for class 5
er wires in accordance with
60228 for the crimping of ferrules.
electrical properties are evaluated
ther with the later application of the
nection, e.g. within a terminal block.
arsh environments, corrosion-free
tact areas are a real prerequisite for
resistance and therefore high-
ormance connections. For this reason,
secure positioning of the connection
e terminal point must be ensured.
impact of aggressive media on the

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

In a gas-tight connection, it is assumed that
the test object fulfills requirements of a test
in a condensation changing climate with an
atmosphere containing sulfur dioxide in
accordance with DIN 50018 (AHT 2.0 S).
This test consists of storage in a
condensation changing climate with changing
air humidity and temperatures. In the first
test section, the test object is exposed to an
SO_2 volume concentration of 0.67% at a
temperature of 40°C and a humidity of
approx. 100% for 8 hours. After this test, the
test objects are left to dry for 16 hours with
the door open. This cycle is executed twice
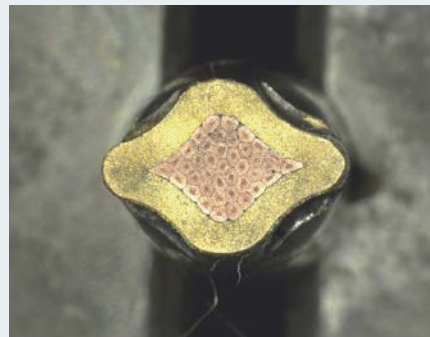before the test objects are assessed.

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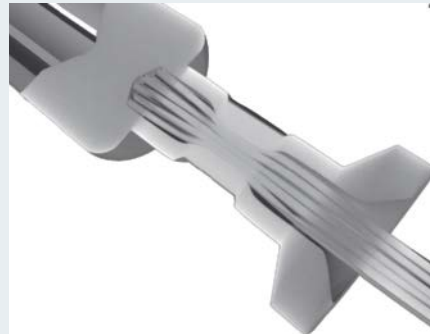
View lengthways through the crimp

View vertically through the crimp

*Micrograph*

V tests in accordance with **EN 60900**

rict safety regulations for working
arts up to 1000 V AC and
DC, VDE-insulated tools take on
e in addition to general safety
s. The IEC 60900 international
places the highest requirements
sulated tools. In addition to
fications in terms of geometry
ensions, the properties of the
material are above all defined
mprehensive tests complete the

the condition of the insulation
nscriptions undergo a visual test.
t test checks the resistance
sulation layer against impacts.
, flaking or cracks cannot occur,
ower temperatures (depending
ategory, from -25°C or -40°C).
indentation test (semi-sphere
m diameter), the insulation is
to 70°C with 20 N for 2 hours.
ling, the test point must not
y electrical disruptive discharge,
or sparkover over a period of
nutes while a voltage of 5 kV is
.m.s. value).

In dielectric tests, pre-conditioned tools
(water bath or humidor storage) are exposed
to a voltage test. A voltage of 10 kV is
applied for three minutes. The discharge
current must be less than 1 mA per 200 mm
coating length of the hand tool.

Further tests are based on the adhesion
strength of the insulation coating, the
inscriptions' resistance to chemicals, and the
combustion behavior. The positive outcome
of the type proofing of a tool forms the basis
for using the VDE logo, in conjunction with
IEC 60900. Regular checks on the production
sites and test points are also made through
the respective VDE approval point. As part
of these, among other things: Random
product samples are taken from ongoing
production and assessed.

The manufacturer carries out comprehensive
testing during production that ensures that
all of the requirements of the IEC 60900
are adhered to. The last hurdle is the test
for electric strength. Each tool is tested at
10,000 V AC. Only after passing this test can
a tool be referred to as VDE-certified and
released for sale.

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

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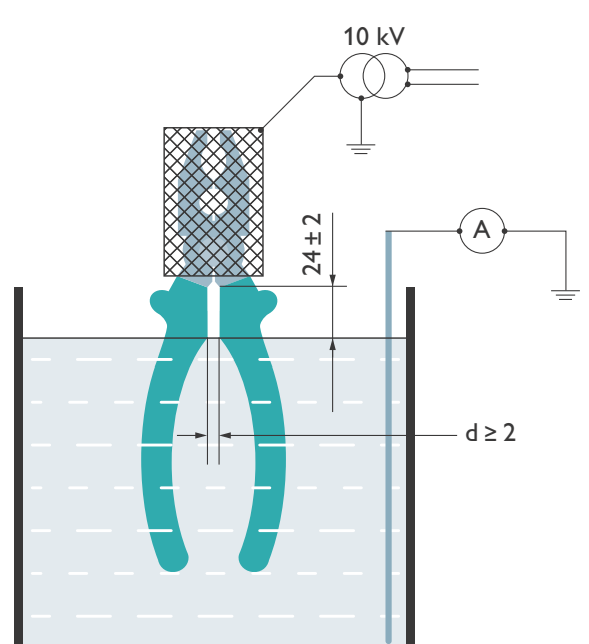
...utting

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

...ductors and cables in a wide range of ...s, shapes, and insulation can only be ...cessed professionally and permanently ... quality tools. Optimum leverage ...ns that you only need to apply low ...ual force to generate maximum force ...e cutting area.

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

...n versions, with direct and indirect ...e transmission, feature special cutting ...metries which help to ensure ease ...ovement and can be relied upon ...roduce burr-free right-angle cuts. ...dental deformation of the conductor ...ereby prevented. The cutting method ...cribed above, which is also known as ...r cutting, is listed under the generic ... "splitting" in DIN 8588. The two

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

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

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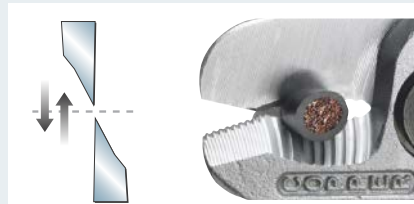
Shear cutting
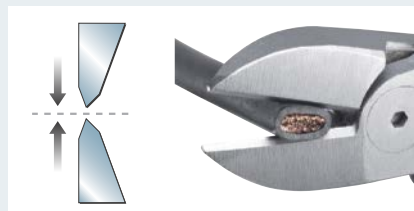
Bite cutting

...tripping

...ipping is the next step in the manufacturing process for creating a ...able crimp connection. In this case, a distinction is made between ...pping and dismantling.

...pping is used as a generic term as well ...o describe the removal of insulation ...n conductors up to 16 mm². ...mantling describes the stripping ...cess for large conductor cross sections ...multi-strand or multi-layered ...ductors and cables.

...lation can be removed professionally ...quickly using the right stripping or ...mantling tool. The length of insulation ...e removed varies depending on the ...ninal point and connector. This is set ...eans of adjustable limit stops and ...res consistent stripping lengths.

...e insulation is removed, ensure that ...her the single wires inside nor the ...ded shield are damaged. The remaining

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

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

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

Markings on the insulation
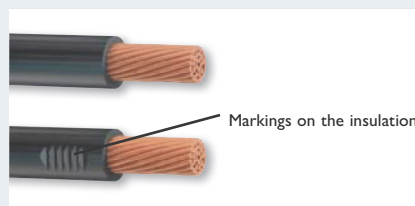
Correctly stripped conductor in accordance with DIN IEC 60352-2

Insulation not cut cleanly, blunt stripping blades

Insulation damaged, gripper of stripping tool damaged

Insulation residue, blunt or incorrectly set stripping blade

Single wires damaged or

ng describes the joining of the contact and conductor mechanically.

on to crimping, two further terms
, based on standards. The type
mation plays a decisive role here.
n the type of contact, a distinction
between:

ing, for insulated cable lugs
ng, for ferrules, non-insulated
ugs, and similar enclosed
ctors.

blade connectors are being
d, for example, this is called
g.

r a number of important points
to establish a reliable connection
contact and conductor:

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

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

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

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

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

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

Precise

sely finished holes with
metrical crimping shape
ee high-quality crimping
results.

Effortless

Optimized leverage reduces the necessary operating forces by up to 30%.

Safe

The special grip contour and the use of non-slip plastics prevent unwanted hand slippage.

Ergonomic

The weight ratio is balanced out appropriately and the plastics are particularly skin-friendly.

cial design of
d area protects
.

Convenient

With a particularly small handle width, the tool fits perfectly in your hand.

Durable

The use of high-quality materials and components minimizes wear.

Process-reliable

An automatic cross section

Force optimization

utting and universal tools
UTFOX/UNIFOX

the CUTFOX range, Phoenix Contact
the perfect cable cutter for every
ation. You receive different versions
rocessing cables up to 100 mm in
eter.

UNIFOX range covers a wide variety
ols for different applications: from
rsal tools, which combine several
ons, and cable binder tools to cable
cutters - we offer a whole host of
ations.

nvenient and easy

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

urable, thanks to specially hardened and
mpered blades

inimum effort, thanks to optimum leverage
d cutting geometry

ersatile use due to a wide range of
oducts and multifunctionality

force transmission

the ratchet mechanism, you only
ly very low force, even for large

One tool for two assembly steps

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

1000 V AC/
1500 V DC

VDE-tested safety

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

e cutters

o their special cutting geometry, the cable cutters
ptimum results. Ergonomically designed handles
prevent fatigue when working.

Order No.	CUTFOX-ES	1212621	CUTFOX 12	1212128	CUTFOX 18	1212129
er (cross section)	For Kevlar fibers and braided shield 1.5 mm² solid and 6 mm² stranded		For stranded Al/Cu wires up to 12 mm Ø (up to 35 mm²)		For stranded Al/Cu wires up to 18 mm Ø (up to 50 mm²)	

e cutters meet the applicable VDE standards and
efore safe, even if live conductors and cables are

VDE 1000 V AC/ 1500 V DC

VDE 1000 V AC/ 1500 V DC

VDE 1000 V AC/ 1500 V DC

Order No.	CUTFOX 16 VDE	1212126	CUTFOX 25 VDE	1212127	CUTFOX-LB VDE	1212527
er (cross section)	For stranded Al/Cu wires up to 16 mm Ø (up to 50 mm²)		For stranded Al/Cu wires up to 25 mm Ø (up to 70 mm²)		For stranded Al/Cu wires up to 50 mm Ø (up to 6 mm x 16 mm x 0.8 mm)	

het cable cutters

two-hand ratchet cable cutters with ratchet
for minimum effort, unlockable, for cutting copper
inum up to 100 mm in diameter (1400 mm²)
crushing.

Order No.	CUTFOX 45	1212132	CUTFOX 62	1212134	CUTFOX 100	1212135
	CUTFOX 52	1212133				
er (cross section)	For stranded Al/Cu wires up to 45 mm Ø (up to 300 mm²), up to 52 mm Ø (up to 300 mm²)		For stranded Al/Cu wires up to 62 mm Ø (up to 750 mm²)		For stranded Al/Cu wires up to 100 mm Ø (up to 1400 mm²)	

cable cutters from Phoenix Contact are ideal for
n use, thanks to their sturdy design.

Order No.	CUTFOX 25	1212130	CUTFOX 35	1212131	CUTFOX 50 STEEL	1212526
er (cross section)	For stranded Al/Cu wires up to 25 mm Ø (up to 185 mm²)		For stranded Al/Cu wires up to 35 mm Ø (up to 300 mm²)		For stranded Al/Cu wires - 50 mm Ø (300 mm²), stranded steel cable - 12 mm Ø	

cial cutting tools

TFOX FBS cutting tool is suitable for cutting
idual bars from FBS... plug-in bridges from the
E complete terminal block range.
rew bridges can be cut to length with the
K FB without crushing them.

OX cutting tools

l cutters

...ted diagonal cutters with inductively
...sion cutting ensure long-term stable cutting
...d therefore a clean cut, for both soft and
...o wire).

1000 V AC/
1500 V DC

1000 V AC/
1500 V DC

1000 V AC/
1500 V DC

Order No.	CUTFOX-S VDE	1212207	CUTFOX-SP VDE	1212206	CUTFOX-SP BOLT VDE	1212831
	CUTFOX-S VDE M	1212830				

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

Order No.	CUTFOX-SE	1212832	CUTFOX-SE LM	1212833	

OX universal tools

...ation pliers

...ted combination pliers are available in
...onomic, angled form with spring reset, with
...pping surfaces, integrated M8 - M10 ring

1000 V AC/
1500 V DC

1000 V AC/
1500 V DC

1000 V AC/
1500 V DC

Order No.	UNIFOX-C VDE	1212202	UNIFOX-C VDE M	1212834	UNIFOX-CE VDE	1212203

...nose pliers, flat-nose and round-nose pliers

...ally shaped UNIFOX-PE VDE has an
...and a locking device. The stripping
...nit for ferrules from 1.5 to 2.5 mm²
...ted M8 ... M10 ring key make the tool

1000 V AC/
1500 V DC

1000 V AC/
1500 V DC

1000 V AC/
1500 V DC

Order No.	UNIFOX-P VDE	1212204	UNIFOX-PC VDE	1212205	UNIFOX-PE VDE	1212529

...rfaces of the flat-nosed and round-nose
...notched in order to grip workpieces
...t damaging them.

...R 6 pliers are designed for assembling
...ontacts.

1000 V AC/
1500 V DC

1000 V AC/
1500 V DC

Order No.	UNIFOX-F VDE	1212363	UNIFOX-R VDE	1212364	UNIFOX SR 6	1200137

IFOX universal tools

w/water pump pliers

...hed gripping surfaces of the UNIFOX-WP ensure
...um grip.
...IFOX-WRENCH has flat gripping surfaces to avoid
... to the surfaces.
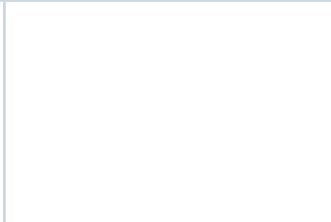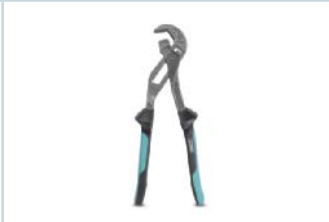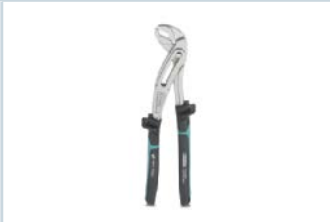
Order No.	UNIFOX-WP	1212365	UNIFOX-WRENCH	1212835

...d rivet pliers

...X-RVT M blind rivet pliers
...rs have a compact, ergonomic, and angled body,
...ee inserts for the following rivet diameters:
...2 mm, 4 mm, and 4.8 ... 5.0 mm

...X-HP punch pliers
...el-plated punch pliers are equipped with a round
...2 mm in diameter. The jaw depth is 30 mm.

Order No.	UNIFOX-RVT M	1212476		UNIFOX-HP	1212625

...ameter/length			Aluminum/steel rivets	
...n, for UW 4... terminal blocks	silver		RVT-AL/ST 2,4L/8	3240548
	silver		RVT-AL/ST 3/6	3240504
	silver		RVT-AL/ST 3/8	3240505
	silver		RVT-AL/ST 3/10	3240506
..., for UW 10/16..., RW 5... terminal blocks	silver		RVT-AL/ST 3/12	3240507
...n	silver		RVT-AL/ST 3,2/6	3240509
...n	silver		RVT-AL/ST 3,2/8	3240510
...m	silver		RVT-AL/ST 3,2/10	3240511
...m	silver		RVT-AL/ST 3,2/12	3240512
	silver		RVT-AL/ST 4/6	3240513
	silver		RVT-AL/ST 4/8	3240514
...u	silver		RVT-AL/ST 4/10	3240515
...n	silver		RVT-AL/ST 4/12	3240516
..., for UW 25, RW 8 ... terminal blocks	silver		RVT-AL/ST 4/14	3240517
...n	silver		RVT-AL/ST 4,8/6	3240518
...n	silver		RVT-AL/ST 4,8/8	3240519
...m	silver		RVT-AL/ST 4,8/10	3240520
...m	silver		RVT-AL/ST 4,8/12	3240521
...m	silver		RVT-AL/ST 4,8/14	3240553
...m	silver		RVT-AL/ST 4,8/16	3240522
...zzle, long, specially designed for rivet	3240548	UNIFOX-RVT M/BIT 2,4 L	1212477	

...e binder tools

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

uct cutters

...cutters can easily cut through ducts and
...5 mm wide. The universal limit stop allows
...oth right-angled and bevel cuts.
...cable duct cutter cuts ducts and covers
...wide and 2.5 mm thick without burring in

	Order No.	**CUTFOX-CD**	1212474	**PPS CD M**	1207569
...blade				**PPS CD BLADE**	1207572
...counter support				**PPS CD M COHO**	1208995
...limit stop 90°		**CUTFOX-CD/ES 90**	1200289		

...utting tools

...is a lightweight profile cutter.
...D… and PPS CLASSIC… can be fitted with
...its for round and elongated holes. PPS
...h its quick change mechanism is the best
...ormats are changed on a frequent basis.

	Order No.			**PPS STANDARD M**	1206175	**PPS CLASSIC M**	1206243
				With metric measuring rail		With metric measuring rail	
	Order No.	**PPS BASIC I/M**	1207585	**PPS STANDARD I/M**	1206230	**PPS CLASSIC I/M**	1206256
		With inch/metric measuring rail		With inch/metric measuring rail		With inch/metric measuring rail	
		For standard DIN rails		Each for standard DIN rails		Each for standard DIN rails	
		NS 15 / NS 35/7,5 / NS 35/15 / NLS-CU 3/10		NS 15 / NS 32 / NS 35/7,5 / NS 35/15		NS 15 / NS 32 / NS 35/7,5 / NS 35/15	
				NLS-CU 3/10 and two hole punches		NLS-CU 3/10 and two hole punches	
...for elongated holes (lengthways)							
				PPS-ST (3,5 x 12) L			1203563
				PPS-ST (4,5 x 12) L			1203534
				PPS-ST (5,5 x 12) L			1202603
				PPS-ST (6,5 x 15) L			1202593
...for elongated holes (vertical)							
				PPS-ST (3,5 x 12) Q			1203550
				PPS-ST (4,5 x 12) Q			1203547
				PPS-ST (5,5 x 12) Q			1203411
				PPS-ST (6,5 x 15) Q			1203408
...for round holes							
				PPS-ST (3,8)			1204892
				PPS-ST (4,3)			1202616
				PPS-ST (5,3)			1202629
				PPS-ST (6,4)			1202632
				PPS-ST (7,0)			1204889
				PPS-ST (8,4)			1202726
...nder							
...to an existing hydraulic system				**PPS HYDRAULIC CYL**	1208924		

ripping tools
IREFOX

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

e, fast, and clean stripping

cess all types of conductor with
ndard or special insulation quickly and
ly.

oad field of application, thanks to
ultifunctional design

tigue-free and non-slip handling,
anks to the ergonomic handle design

urable, thanks to high-quality
omponents and materials
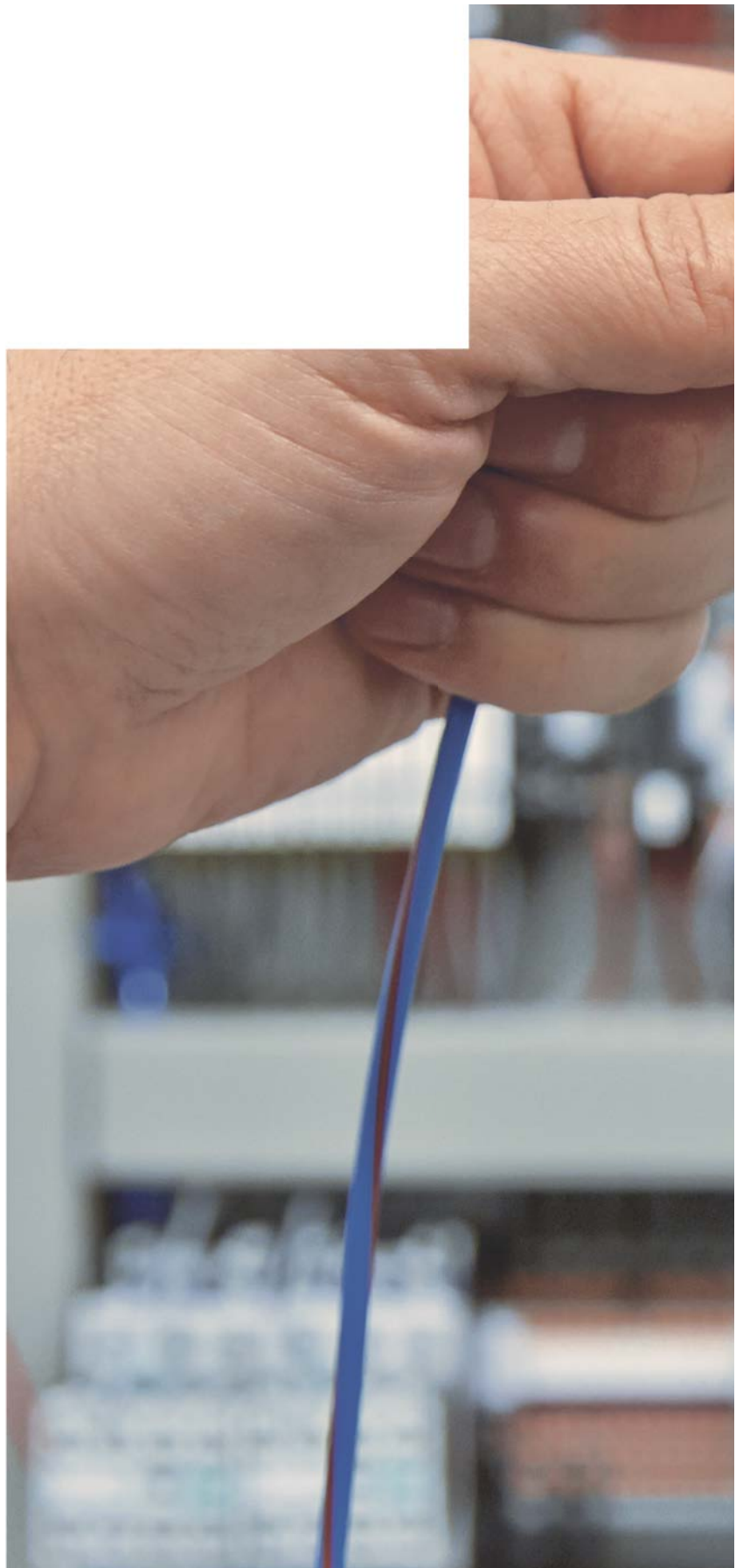
d safe stripping

OX stripping tools can strip
and cables with standard or

Easy blade replacement

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

Multi-stage stripping

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

pping pliers for conductors and cables

OX stripping pliers feature an automatic adjustment
sm for a wide range of different types of insulation
ductor diameters. Particularly useful are the
ed wire cutter and the flexibly adjustable limit stop
stripping length.

		WIREFOX 10	1212150	WIREFOX-E 10	1212706	WIREFOX 16	1212155
ser engraving upon customer request		WIREFOX 10 CUS	1212760			WIREFOX 16 CUS	1212761
tor	[mm²]/AWG	0.02 … 10/34 … 8		0.02 … 10/34 … 8		4 … 16/12 … 5	
g length up to …	[mm]	18		18		18	
on type		Default		Default		Default	
utter solid/stranded	[mm²]/AWG	1.5/16/10/8		1.5/16/10/8		1.5/16/12/8	
ories							
ement blade		WIREFOX 10/SB	1212152	WIREFOX 10/SB	1212152	WIREFOX 16/SB	1212153
ement limit stop		WIREFOX 10/WS	1200285	WIREFOX 10/WS	1200285	WIREFOX 10/WS	1200285
ement clamping jaws		WIREFOX 10/CJ	1200286	WIREFOX 10/CJ	1200286	WIREFOX 16/CJ	1200287

e dies are compatible with all types of pliers and
eplaced in just a few steps. Basic pliers therefore
range of applications.

		WIREFOX-E 16	1212707	WIREFOX 4	1212156	WIREFOX-E 4	1212704
				WIREFOX 4 CUS	1212762		
tor	[mm²]/AWG	4 … 16/12 … 5		0.1 … 4/28 … 12		0.1 … 4/28 … 12	
g length up to …	[mm]	18		18		18	
on type		Default		Special insulation, e.g. PTFE		Special insulation, e.g. PTFE	
utter solid/stranded	[mm²]/AWG	1.5/16/10/8		1.5/16/10/8		1.5/16/10/8	
ories							
ement blade		WIREFOX 16/SB	1212153	WIREFOX 4/SB	1212151	WIREFOX 4/SB	1212151
ement limit stop		WIREFOX 10/WS	1200285	WIREFOX 10/WS	1200285	WIREFOX 10/WS	1200285
ement clamping jaws		WIREFOX 16/CJ	1200287	WIREFOX 10/CJ	1200286	WIREFOX 10/CJ	1200286

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

		WIREFOX 6SC	1212158	WIREFOX-E 6SC	1212705		
ser engraving upon customer request		WIREFOX 6SC CUS	1212763				
tor	[mm²]/AWG	1.5 … 6/16 … 10		1.5 … 6/16 … 10			
g length up to …	[mm]	18		18			
on type		Short-circuit-proof cond., rubber insulation		Short-circuit-proof cond., rubber insulation			
utter solid/stranded	[mm²]/AWG	1.5/16/10/8		1.5/16/10/8			
ories							
ement blade		WIREFOX 6SC/SB	1212314	WIREFOX 6SC/SB	1212314		
ement limit stop		WIREFOX 10/WS	1200285	WIREFOX 10/WS	1200285		
ement clamping jaws		WIREFOX 10/CJ	1200286	WIREFOX 10/CJ	1200286		

...g pliers for sensor/actuator cables

...sensor/actuator (SAC) cables can be
...eniently and easily with the
...... tools. The specially shaped blade
...vent damage to the conductors inside.

	Order No.	**WIREFOX 16-1**	1212157	**WIREFOX SAC**	1212623	**WIREFOX SAC-1**	1212757
...ble diameter	[mm]	6 … 16 mm²/23 AWG: 10 … 5		4.4 … 7		3.2 … 4.4	
...gth up to ...	[mm]	Any		Any		Any	
...e		Default		SAC cables		SAC cables	
...blade		**WIREFOX 16-1/SB**	1204944	**WIREFOX SAC/SB**	1200282	**WIREFOX SAC-1/SB**	1200283

...g pliers for AS-Interface flat-ribbon conductors

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

	Order No.	**WIREFOX ASI**	1212154	**WIREFOX FC**	1212619	**WIREFOX-D SHIELD**	1212172
...e		AS-Interface flat-ribbon conductor		Flat-ribbon conductors			
...gth	[mm]	Any		Any, stripping width up to 12 mm			
...er	[mm]					8 … 9	
...ulation thickness	[mm]					1.2	
...blade		**WIREFOX ASI/SB**	1208076	**WIREFOX FC/SB**	1200284		

...g pliers for cable cutouts and shield connections

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

	Order No.	**WIREFOX 2,5**	1212368				
	[mm²]/AWG	0.08 … 2.5/28 … 14					
...gth up to ...	[mm]	15					
...e		Default					
...olid/stranded	[mm²]/AWG	2.5/14/6/10					
...blade		**WIREFOX 2,5/SB**	1212369				
...limit stop		**WIREFOX 2,5/WS**	1212370				

pping pliers

REFOX-MP VDE is a multifunctional tool which
e for both the stripping and dismantling of
nstallation cables, e.g. NYM. The VDE-insulated
nd stripping pliers allow the user to process the
or and cable quickly and easily.

1000 V AC/
1500 V DC

1000 V AC/
1500 V DC

	Order No.	**WIREFOX-MP VDE**	1212528	**WIREFOX 10 VDE**	1212366	
tor	[mm²]/AWG	0.2 … 10/24 … 8		0.2 … 10/24 … 8		
g length up to ...	[mm]			20		
on type		Default		Default		

pping tools for dismantling

REFOX-D 11 stripping tool strips single and multi-
gnal, control, and fiberglass cables up to 11 mm
ter and 1 mm thick precisely and repeatably. The
are made quickly and with high precision.

	Order No.	**WIREFOX-D 11**	1212160		
tor/cable diameter	[mm]	2.5 … 11			
sulation thickness	[mm]	1.0			
g length	[mm]	Any			
ement blade		**WIREFOX-D 11/SB**	1212312		

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

	Order No.	**WIREFOX-D SR 6**	1212507	**WIREFOX-D SR 6-1**	1212511	**WIREFOX-CX 6,35**	1212733
tor	[mm²]	2.5 … 6		2.5 … 6		RG 59 and RG 6	
g length	[mm]	8.5		15		6.35	
tor type		Solar/rubber		Solar/rubber		Coaxial	

g tools for dismantling

REFOX-D 13 stripping tool, round cables
ables of 3 x 1.5 mm² up to 5 x 2.5 mm²
ed quickly and easily. The shape of the tool
pplication directly in the distribution and
is equipped with a longitudinal and round
sheath as well as with a stripping range for
m 0.2 to 4 mm². It also has a sliding knife.

		Order No.	**WIREFOX-D 13**	1212162		
ble diameter	[mm]		8 … 13			
	[mm²]		0.2 … 4			

d cables with standard and special
diameter range from 4 to 16 or
n be stripped precisely with these tools. The
6 is mainly used for processing FO cables.

		Order No.	**WIREFOX-D 16**	1212173	**WIREFOX-D 28**	1212174
ble diameter	[mm]		4 … 16		8 … 28	

REFOX-D 40 strips conductors and cables
r of up to 40 mm. The swivel blade can
e round, longitudinal, and spiral cuts. The
ometry and the special operating principle
rm use and make the tool a problem
al insulations.

		Order No.	**WIREFOX-D 40**	1212161		
ble diameter	[mm]		4.5 … 40			
n thickness	[mm]		4.5			
blade			**WIREFOX-D 40/SB**	1212313		

g tools for multi-stage dismantling of coaxial cables

-D CX … stripping tools allow you to
multi-stage stripping of coaxial cables with
.5 to 7.5 mm in a single step. The cable
aged, thanks to the central fine adjustment
blade. The blade cassettes are compatible
tive tool and are therefore interchangeable.
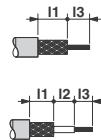
	Order No.			Accessories - replacement blade	
f dimension l1 = 6.0 mm	**WIREFOX-D CX-1**	1212163		**WIREFOX-D CX-1/SB**	1212303
f dimension l1 = 9.2 mm	**WIREFOX-D CX-2**	1212164		**WIREFOX-D CX-2/SB**	1212304
f dimension l1 = 12 mm	**WIREFOX-D CX-3**	1212165		**WIREFOX-D CX-3/SB**	1212305
f dimension l1 = 6.8 mm	**WIREFOX-D CX-4**	1212166		**WIREFOX-D CX-4/SB**	1212306
f dimension l1 = 5.5 mm and l2 = 5.5 mm	**WIREFOX-D CX-5**	1212167		**WIREFOX-D CX-5/SB**	1212307

ortable crimping device
RIMPHANDY

...tional conductor preparation involves ...work steps, two tools and a lot of ... The CRIMPHANDY from Phoenix ...act revolutionizes this process: Only ...ool, one work step and time savings ...ound 75%.

...CRIMPHANDY is a portable hand-held ...e for stripping conductors and ...ping ferrules in one step, which takes ...han two seconds. Automatic ...toring functions ensure optimum, ...quality crimping every time.

...w UL-certified

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

Uninterrupted work

Cutting

...eration is nearly impossible,
...e automatic stripping and crimping

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

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

MPHANDY portable crimping device

CRIMPHANDY

MPHANDY represents innovation for switchgear
...turing. You can strip and crimp your conductors in
...o seconds using this portable hand-held device.
...% less time than before. The CRIMPHANDY
...s with its easy, effortless handling, which helps
...your joints, muscles and tendons.
...ompact lightweight is ideal for mobile use in the
...Up to 2000 crimping operations can be performed,
...s to the high-performance lithium-ion polymer
...y.
...atic cross section monitoring prevents faulty
...g as a result of incorrect conductor sizes.
...tachable waste receptacle catches the discarded
...ion. It thereby helps to ensure a clean working
...nment.

		CF CRIMPHANDY 0,5 1212463	CF CRIMPHANDY 0,75 1212464	CF CRIMPHANDY CUTTER 1212520
Order No.				
...	[kg]	0.43	0.43	
...ctor	[mm2]	0.5	0.75	0.5 - 1.5
...g cycle	[s]	< 2	< 2	
...g		Square crimp	Square crimp	
...sions W x H x L	[mm]	43 x 70 x 205	43 x 70 x 205	
...ption		**Portable hand-held device**, battery-powered, for processing taped ferrules with function end, suitable for PVC insulated conductors (H05V-K), incl. battery, charger, CUTFOX 12 cable cutter, service tool for troubleshooting, and one strip of ferrules, packed in a robust case.		Cutting unit, for CF CRIMPHANDY..., for stranded copper wires from 0.5 ... 1.5 mm², incl. receptacle tray.
...ferrules, with function end, 8 mm, with plastic ...n accordance with DIN 46228-4: 1990-09 and ..., UL-certified, white, 50 pieces per strip, 20 ...r pcs./pkt.		cULus	cULus	
...accordance with DIN 46228-4 and UL 486F			**AI 0,75-8 GY-S** 1212522	
...accordance with NF C63-023			**AI 0,75-8 BU-S** 1212785	
...special color			**AI 0,75-8 WH-S** 1212783	
...n acc. with DIN 46228-4, UL 486F, NF C 63-023		**AI 0,5-8 WH-S** 1212521		
...special color		**AI 0,5-8 OG-S** 1212784		
...ories				
...ement charger for CF CRIMPHANDY..., ...40 V		**CF CRIMPHANDY/CHARGER** 1212519	**CF CRIMPHANDY/CHARGER** 1212519	
...service tool, for CF CRIMPHANDY..., to rectify		**CF CRIMPHANDY 0,5/SERVICE-TOOL** 1212787	**CF CRIMPHANDY 0,75/SERVICE-TOOL** 1212786	

CRIMPHANDY

available cutting unit provides a
ption of cutting the conductors to length
device.
automatically fed in, enabling multiple
o be crimped one after another without
The sleeves in strip form are inserted via
d magazine.
an be reloaded within a matter of seconds.
leeves with function end prevent incorrect

rimp mold is particularly suited to the
ks from the CLIPLINE complete system:
nnection terminal blocks, ST spring-cage
terminal blocks, PT Push-in connection
ks and COMBI pluggable connection

		CF CRIMPHANDY 1,0	1212465	CF CRIMPHANDY 1,5	1212466	CF CRIMPHANDY/ACCU	1212518
	[kg]	0.43		0.43			
	[mm2]	1.0		1.5			
	[s]	< 2		< 2			
		Square crimp		Square crimp			
W x H x L	[mm]	43 x 70 x 205		43 x 70 x 205			

	Portable hand-held device, battery-powered, for processing taped ferrules with function end, suitable for PVC insulated conductors (H05V-K/H07V-K), incl. battery, charger, CUTFOX 12 cable cutter, service tool for troubleshooting, and one strip of ferrules, packed in a robust case.		**Replacement battery**, for CF CRIMPHANDY…, Li-ion 7.4 V, 0.68 Ah	

es, with function end, 8 mm, with plastic
rdance with DIN 46228-4: 1990-09 and
rtified, white, 50 pieces per strip, 20 strips

		c(UL)us		c(UL)us			
th DIN 46228-4, UL 486F, NF C 63-023				AI 1,5-8 BK-S	1212524		
lor				AI 1,5-8 RD-S	1212781		
h DIN 46228-4, UL 486F, NF C 63-023		AI 1,0-8 RD-S	1212523				
color		AI 1,0-8 YE-S	1212782				

charger for CF CRIMPHANDY…,	CF CRIMPHANDY/CHARGER	1212519	CF CRIMPHANDY/CHARGER	1212519	
tool, for CF CRIMPHANDY…, to rectify	CF CRIMPHANDY 1,0/SERVICE-TOOL	1212759	CF CRIMPHANDY 1,5/SERVICE-TOOL	1212708	

rimping tools
RIMPFOX

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

fessional crimping

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

sy and convenient handling, thanks to the
gonomic handle design

urable, thanks to high-quality components and
v materials

ocess-reliable, thanks to the integrated pressure
ck

e optimum leverage allows for an effortless
plication

...pliers for every application

...on the area of application, you
...between tools with lateral or

High-quality crimping

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

One for all

With their easily interchangeable dies, the
CRIMPFOX series of universal crimping

ules for insulated and non-insulated contacts

Crimping tool designation	Order No.	Conductor cross section [mm²]	Conductor cross section [AWG]	Page
CRIMPFOX 2,5-M	1212719	0.25 … 2.5	24 … 14	34
CRIMPFOX 6	1212034	0.25 … 6	24 … 10	34
CRIMPFOX 6-M	1212720	0.25 … 6	24 … 10	34
CRIMPFOX 6S-F	1212043	0.5 … 6	20 … 10	34
CRIMPFOX 6T	1212037	0.25 … 6	24 … 10	34
CRIMPFOX 6T-F	1212038	0.25 … 6	24 … 10	34
CRIMPFOX 10	1212721	4 … 10	12 … 8	34
CRIMPFOX 25R	1212039	10 … 25	8 … 4	34
CRIMPFOX 50R	1212041	35 … 50	2 … 1	34
CRIMPFOX CENTRUS 6S	1213144	0.14 … 6	26 … 10	34
CRIMPFOX CENTRUS 10S	1213154	0.14 … 10	26 … 8	34
CRIMPFOX CENTRUS 6H	1213146	0.14 … 6	26 … 10	34
CRIMPFOX CENTRUS 10H	1213156	0.14 … 10	26 … 8	34
CRIMPFOX 16R TWIN	1212845	2 x 6, 10, 16	2 x 10, 8, 4	34

e lugs and connectors

Crimping tool designation	Order No.	Conductor cross section [mm²]	Conductor cross section [AWG]	Page
CRIMPFOX-RCI 1	1212055	0.14 … 1	26 … 18	35
CRIMPFOX-RCI 1-M	1212727	0.14 … 1	26 … 18	35
CRIMPFOX-RCI 2,5	1212053	0.5 … 2.5	20 … 14	35
CRIMPFOX-RCI 2,5-M	1212728	0.5 … 2.5	20 … 14	35
CRIMPFOX-RCI 6	1212057	0.5 … 6	20 … 10	35
CRIMPFOX-RCI 6-M	1212730	0.5 … 6	20 … 10	35
CRIMPFOX-RCI DIN 6	1212729	0.5 … 6	20 … 10	35
CRIMPFOX-RCI 6-1	1212059	0.5 … 6	20 … 10	35
CRIMPFOX-HS 6 (shrink connector)	1212722	0.5 … 6	20 … 10	35

-insulated cable lugs

Crimping tool designation	Order No.	Conductor cross section [mm²]	Conductor cross section [AWG]	Page
CRIMPFOX RC 2,5	1212063	0.75 … 2.5	22 … 14	36
CRIMPFOX-RC 2,5-M	1212723	0.75 … 2.5	22 … 14	36
CRIMPFOX-RC 6	1212710	0.5 … 6	20 … 10	36
CRIMPFOX-RC 6-M	1212724	0.5 … 6	20 … 10	36
CRIMPFOX RC 10	1212061	4 … 10	12 … 8	36
CRIMPFOX RC 25	1212065	10 … 25	8 … 4	36
CRIMPFOX-RCT 16 (tubular cable lugs)	1212731	4 … 16	12 … 4	36
CRIMPFOX RCT 25-1 (tubular cable lugs)	1212066	10 … 25	8 … 4	36
CRIMPFOX-RCT 70 (tubular cable lugs)	1212732	10 … 70	8 … 00	37

-insulated slip-on sleeves

Crimping tool designation	Order No.	Conductor cross section [mm²]	Conductor cross section [AWG]	Page
CRIMPFOX-SC 1,5	1212048	0.1 … 1.5	26 … 16	37
CRIMPFOX-SC 1,5-M	1212725	0.1 … 1.5	26 … 16	37
CRIMPFOX-SC 6L	1212052	0.5 … 6	22 … 10	37
CRIMPFOX-SC 6	1212050	0.5 … 6	22 … 10	37
CRIMPFOX-SCA 2,5-M	1212726	1 … 2.5	18 … 14	37

ed contacts

Crimping tool designation	Order No.	Conductor cross section [mm²]	Conductor cross section [AWG]	Page
CRIMPFOX-TC 4	1212113	0.14 … 4	26 … 12	38
CRIMPFOX-TC 10	1212114	4 … 10	12 … 8	38
CRIMPFOX-TC MP	1212510	0.08 … 2.5	28 … 14	38

ew of crimping tools for ferrules, connectors, and more

rules

Crimping tool designation	Order No.	Conductor cross section [mm²]	Conductor cross section [AWG]	Page
CRIMPFOX 4 IN 1	1200101	0.5 … 2.5	20 … 14	36

connectors/fiber optic connectors

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

contacts

Crimping tool designation	Order No.	Conductor cross section [mm²]	Conductor cross section [AWG]	Page
CRIMPFOX-DSUB 5	1212111	0.08 … 0.5	28 … 22	39
CRIMPFOX-DSUB 5-1	1212711	0.05 … 0.5	30 … 22	39
CRIMPFOX-TC MP	1212510	0.08 … 1.0	28 … 18	38

nnectors

Crimping tool designation	Order No.	Conductor cross section [mm²]	Conductor cross section [AWG]	Page
CRIMPFOX-SR 6-1	1212467	2.5 … 6	14 … 10	40
CRIMPFOX-SR 6-2	1212468	2.5 … 6	14 … 10	40
CRIMPFOX-SR 6-3	1212469	2.5 … 6	14 … 10	40
CRIMPFOX-P SR 6	1212755	2.5 … 6	14 … 10	39

CATV connectors

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

nnectors

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

Crimping pliers for ferrules

MPFOX CENTRUS automatically adjusts to the
ve cross section and offers a reliable application in
. The minimal gripping distance and the ergonomic
hape enable comfortable use, with up to 30% less
orce. Also ideally suited for TWIN sleeves.

Order No.	**CRIMPFOX CENTRUS 6S**	1213144	**CRIMPFOX CENTRUS 6H**	1213146
ser engraving upon customer request	**CRIMPFOX CENTRUS 6S CUS**	1213164	**CRIMPFOX CENTRUS 6H CUS**	1213166
tor [mm²]/AWG	0.14 … 6/26 … 10		0.14 … 6/26 … 10	
Order No.	**CRIMPFOX CENTRUS 10S**	1213154	**CRIMPFOX CENTRUS 10H**	1213156
ser engraving upon customer request	**CRIMPFOX CENTRUS 10S CUS**	1213174	**CRIMPFOX CENTRUS 10H CUS**	1213176
tor [mm²]/AWG	0.14 … 10/26 … 8		0.14 … 10/26 … 8	
ories				
ement recuperating spring	**CRIMPFOX/SPR-4**	1200288	**CRIMPFOX/SPR-4**	1200288

adjusting die of the crimping pliers automatically
o the size of the connector and impresses with its
d reliable contact processing method.

Order No.	**CRIMPFOX 6S-F**	1212043	**CRIMPFOX 6T**	1212037	**CRIMPFOX 6T-F**	1212038
ser engraving upon customer request	**CRIMPFOX 6 S-F CUS**	1212769	**CRIMPFOX 6T CUS**	1212770	**CRIMPFOX 6T-F CUS**	1212771
tor [mm²]/AWG	0.5 … 6/20 … 10		0.25 … 6/24 … 10		0.25 … 6/24 … 10	
ories						
ement die						
ement recuperating spring	**CRIMPFOX/SPR-3**	1212036	**CRIMPFOX/SPR-1**	1212069	**CRIMPFOX/SPR-1**	1212069

MPFOX pliers are equipped with a pressure lock
ble without tools). The innovative design and
ically shaped handles reduce the amount of force

Order No.	**CRIMPFOX 6**	1212034	**CRIMPFOX 6-M**	1212720	**CRIMPFOX 10**	1212721
ser engraving upon customer request	**CRIMPFOX 6 CUS**	1212767				
tor [mm²]/AWG	0.25 … 6/24 … 10		0.25 … 6/24 … 10		4 … 10/12 … 8	
ories						
ement die	**CRIMPFOX 6/DIE**	1212035				
ement recuperating spring	**CRIMPFOX/SPR-3**	1212036	**CRIMPFOX/SPR-1**	1212069	**CRIMPFOX/SPR-1**	1212069

ge cross sections can be processed easily and with
e force using this series of pliers. The integrated
lock ensures consistent high-quality results every

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

Crimping pliers for insulated cable lugs and connectors

...d dies for the CRIMPFOX RCI pliers clearly
...ss section. The precision-manufactured dies
...ntly high levels of quality during contact

Order No.	**CRIMPFOX-RCI 1**	1212055	**CRIMPFOX-RCI 2,5**	1212053	
...graving upon customer request	**CRIMPFOX-RCI 1 CUS**	1212772	**CRIMPFOX-RCI 2,5 CUS**	1212773	
[mm²]/AWG	0.14 … 1/26 … 18		0.75 … 2.5/20 … 14		
...die	**CRIMPFOX-RCI 1/DIE**	1212056	**CRIMPFOX-RCI 2,5/DIE**	1212054	
...recuperating spring	**CRIMPFOX/SPR-3**	1212036	**CRIMPFOX/SPR-3**	1212036	

...mping pliers have a compact frame. The
...required is kept to a minimum, thanks to
...everage. The fixing print run on the lower
...set on the surfaces, to support manual

Order No.	**CRIMPFOX-RCI 1-M**	1212727	**CRIMPFOX-RCI 2,5-M**	1212728	**CRIMPFOX-RCI 6-M**	1212730
[mm²]/AWG	0.14 … 1/26 … 18		0.75 … 2.5/20 … 14		0.75 … 6/20 … 10
...die					**CRIMPFOX-RCI 6/DIE**	1212058
...recuperating spring	**CRIMPFOX/SPR-1**	1212069	**CRIMPFOX/SPR-1**	1212069	**CRIMPFOX/SPR-1**	1212069

...ally designed handles and the optimized
...smission ensure an optimum grip and
...uce the amount of force required.

Order No.	**CRIMPFOX-RCI 6**	1212057	**CRIMPFOX-RCI 6-1**	1212059	**CRIMPFOX-RCI DIN 6**	1212729
...graving upon customer request	**CRIMPFOX-RCI 6 CUS**	1212774	**CRIMPFOX-RCI 6-1 CUS**	1212775	
[mm²]/AWG	0.75 … 6/20 … 10		0.75 … 6/20 … 10		0.75 … 6/20 … 10
...die	**CRIMPFOX-RCI 6/DIE**	1212058	**CRIMPFOX-RCI 6-1/DIE**	1212290	**CRIMPFOX-RCI 6/DIE**	1212058
...recuperating spring	**CRIMPFOX/SPR-1**	1212069	**CRIMPFOX/SPR-1**	1212069	**CRIMPFOX/SPR-1**	1212069

...X-HS 6 is suitable for processing shrink
...e balanced weight distribution offers a
...venient application.

Multi-functional crimping pliers for ferrules

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

responding ferrules on page 51.

		Order No.	CRIMPFOX 4IN1	1200101	CRIMPFOX 4IN1 SET	1200102	
tor	[mm²]/AWG		0.5 … 2.5		0.5 … 2.5		
ories							
magazine			CRIMPFOX 4IN1/MAG	1200103			

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

MPFOX RC crimping pliers are used to process
lated cable lugs. They have an unlockable pressure
marked die stations for precise processing of
onding cross sections.

		Order No.	CRIMPFOX-RC 2,5	1212063	CRIMPFOX-RC 6	1212710	
ser engraving upon customer request			CRIMPFOX-RC 2,5 CUS	1212777			
tor	[mm²]/AWG		0.34 … 2.5/22 … 14		0.5 … 6/20 … 10		
ories							
ement die			CRIMPFOX-RC 2,5/DIE	1212064			
ement recuperating spring			CRIMPFOX/SPR-3	1212036	CRIMPFOX/SPR-3	1212036	

MPFOX RC...M crimping pliers have a compact
he actuation force required is kept to a minimum
ork, thanks to the optimized leverage.

		Order No.	CRIMPFOX-RC 2,5-M	1212723	CRIMPFOX-RC 6-M	1212724	
tor	[mm²]/AWG		0.34 … 2.5/22 … 14		0.5 … 6/20 … 10		
ories							
ement recuperating spring			CRIMPFOX/SPR-3	1212036	CRIMPFOX/SPR-3	1212036	

ulated cable lugs can be processed conveniently
y with the CRIMPFOX-RC... pliers. The fixing print
he lower handle edge is set on the surfaces, to
manual force.

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

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

...X-RCT crimping pliers are used to process
...vailable tubular cable lugs.

...nformation on the products, visit
...com.

Order No.	**CRIMPFOX-RCT 25-1** 1212066	**CRIMPFOX-RCT 16-1** 1212731	**CRIMPFOX-RCT 70-1** 1212732
[mm²]/AWG	10 … 25/8 … 4	4 … 16/11 … 5	10 … 70/7 … 00
die	**CRIMPFOX-RCT 25-1/DIE** 1212300		
recuperating spring	**CRIMPFOX/SPR-1** 1212069		

Crimping pliers for non-insulated slip-on sleeves

...X-SC … crimping pliers are suitable for
...-insulated slip-on blade connectors and slip-
... marked and precisely manufactured die
... precise processing. The CRIMPFOX-SCA
...ed for processing angled slip-on sleeves.

Order No.	**CRIMPFOX-SC 1,5** 1212048	**CRIMPFOX-SC 1,5-M** 1212725	**CRIMPFOX-SCA 2,5-M** 1212726
...graving upon customer request	**CRIMPFOX-SC 1,5 CUS** 1212779		
[mm²]/AWG	0.1 … 1.5/26 … 16	0.1 … 1.5/26 … 16	1 … 2,5/18 … 14
die	**CRIMPFOX-SC 1,5/DIE** 1212049		
recuperating spring	**CRIMPFOX/SPR-3** 1212036	**CRIMPFOX/SPR-1** 1212069	**CRIMPFOX/SPR-1** 1212069

...X-SC 6L is equipped with a locator as an
...ioning tool.

Order No.	**CRIMPFOX-SC 6** 1212050	**CRIMPFOX-SC 6L** 1212052	
...graving upon customer request	**CRIMPFOX-SC 6 CUS** 1212780		
[mm²]/AWG	0.5 … 6/20 … 10	0.5 … 6/20 … 10	
die	**CRIMPFOX-SC 6/DIE** 1212051	**CRIMPFOX-SC 6/DIE** 1212051	
recuperating spring	**CRIMPFOX/SPR-1** 1212069	**CRIMPFOX/SPR-1** 1212069	

MPFOX crimping tools

Crimping pliers for turned contacts

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

		CRIMPFOX-TC 4	1212113	CRIMPFOX-TC 10	1212114	CRIMPFOX-TC MP	1212510
						CRIMPFOX-TC MP-1	1212620
tor	[mm²]/AWG	0.14 … 4/26 … 12		4 … 10/12 … 8		0.08 … 2.5/28 … 14	
ories							
ement die		CRIMPFOX-TC 4/DIE	1212295	CRIMPFOX-TC 10/DIE	1212296		
ement recuperating spring		CRIMPFOX/SPR-1	1212069	CRIMPFOX/SPR-1	1212069		

Order No.

Crimping pliers for fiber optic connectors

MPFOX-FO is used to process fiber optic
ors. The five marked die stations enable precise
ng of different contact sizes.

		CRIMPFOX-FO 5,41	1212099
tions 1/2/3/4/5	[mm]	3.25/3.84/4.52/5.0/5.41	
ories			
ement die		CRIMPFOX-FO 5,41/DIE	1212294
ement recuperating spring		CRIMPFOX/SPR-1	1212069

Order No.

Crimping pliers for coaxial connectors

MPFOX-CX... crimping pliers are used to process
onnectors. Equipped with a pressure lock, the
ovide consistently high-quality crimping.

page 21 for 2 and 3-stage stripping tools.

		CRIMPFOX-CX 4,52	1212094	CRIMPFOX-CX 6,48	1212095	CRIMPFOX-CX 7,06 HD-M	1212718
tions 1/2/3/4	[mm]	1.69/3.25/4.52		1.69/5.41/6.48		1.04/4.52/6.48/7.06	
ories							
ement die		CRIMPFOX-CX 4,52/DIE	1212284	CRIMPFOX-CX 6,48/DIE	1212286		
ement retention spring		CRIMPFOX/SPR-3	1212036	CRIMPFOX/SPR-3	1212036	CRIMPFOX/SPR-1	1212069

Order No.

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

		CRIMPFOX-CX 4,52-M	1212713	CRIMPFOX-CX 5,41-M	1212712	CRIMPFOX-CX 6,48-M	1212714
tions 1/2/3/4/5/6	[mm]	1.69/3.25/4.52		0.7/1.07/1.69/3.25/4.52/5.41		1.69/5.41/6.48	

Order No.

Crimping pliers for coaxial connectors

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

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

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

tors can be processed conveniently and
CRIMPFOX-CX... pliers. The fixing print
r handle edge is set on the surfaces, to
force.

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

recuperating spring		CRIMPFOX/SPR-1	1212069				

Crimping pliers for D-SUB contacts

RIMPFOX-DSUB crimping pliers with
stance offer safe and convenient processing
cts up to 0.5 mm².
UB 5 for high density
UB 5-1 for standard

	Order No.	CRIMPFOX-DSUB 5	1212111	CRIMPFOX-DSUB 5-1	1212711		
	[mm²]/AWG	0.08 … 0.5/28 … 22		0.05 … 0.5/30 … 22			

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

Crimping pliers for crimp snap-in contacts

X-P SR 6 crimping pliers processes
ct SUNCLIX solar crimp connectors that
n² in length. The precise parallel linear dies,
the positioning assistance, ensure a precise
e contact processing.

SR 6 are used as mounting pliers for
ectors.

Crimping pliers for solar connectors

MPFOX-SR-6 pliers are used to process MC3
4 solar connectors from Multi-Contact and
OK connectors from Tyco. An integrated locator
easy processing with optimum crimping results.

		CRIMPFOX-SR 6-1	1212467	CRIMPFOX-SR 6-2	1212468	CRIMPFOX-SR 6-3	1212469
Order No.							
ctor	[mm²]	2.5 … 6		2.5 … 6		2.5 … 6	
ar connectors		MC3		MC4		SOLARLOK	
ories							
ement recuperating spring		CRIMPFOX/SPR-1	1212069	CRIMPFOX/SPR-1	1212069	CRIMPFOX/SPR-1	1212069

Crimping pliers for coaxial CATV connectors

ovative mechanical design of these pliers means
o 25% less force is required compared to
onal pliers. The balanced weight distribution offers
igue, convenient application.

		CRIMPFOX-CATV 8,23	1212716	CRIMPFOX-CATV 8,23-1	1212717		
Order No.							
tions 1/2/3	[mm]	1.69/8.23		6.65/8.23/9.70			
ories							
ement recuperating spring		CRIMPFOX/SPR-1	1212069	CRIMPFOX/SPR-1	1212069	CRIMPFOX/SPR-1	1212069

Universal pliers for data connectors for accommodating various dies

MPFOX-C D is a universal tool for use with data
ors. One of its key features is the way the dies can
y replaced without the need for tools.

	CRIMPFOX-C D	1212734		
Order No.				
unshielded RJ11 connectors			CRIMPFOX-C RJ11/DIE	1212735
unshielded RJ22 connectors			CRIMPFOX-C RJ22/DIE	1212736

PFOX crimping tools

al pliers for accommodating various crimp inserts

features of the CRIMPFOX-M crimping
y the crimp inserts can be quickly replaced
ed for tools. The tool offers reliable contact
the integrated pressure lock. The variety
s them a space-saving universal tool for all

	Order No.	CRIMPFOX-M	1212072	CRIMPFOX-M SET	1212093
		Basic pliers without die		Contents: CRIMPFOX-M and 4 dies	
				1212074, 1212079, 1212080, 1212081	
s					
		CRIMPFOX-M 10/DIE	1212080	CRIMPFOX-M 10/DIE	1212080 (included in the set)
		CRIMPFOX-M 25/DIE	1212081	CRIMPFOX-M 25/DIE	1212081 (included in the set)
		CRIMPFOX-M 50/DIE	1212082		
ed cable lugs					
and 1.5 … 2.5 mm²		CRIMPFOX-M RCI 2,5/DIE	1212074	CRIMPFOX-M RCI 2.5/DIE	1212074 (included in the set)
and 4 … 6 mm²		CRIMPFOX-M RCI 6/DIE	1212073		
sulated cable lugs					
		CRIMPFOX-M RC 2,5/DIE	1212078		
		CRIMPFOX-M RC 6/DIE	1212079	CRIMPFOX-M RC 6/DIE	1212079 (included in the set)
		CRIMPFOX-M RC 10/DIE	1212077		
d 10 mm²		CRIMPFOX-M RC 10-1/DIE	1212744		
sulated slip-on sleeves					
		CRIMPFOX-M SC 1/DIE	1212083		
		CRIMPFOX-M SC 2,5/DIE	1212084		
		CRIMPFOX-M SC 6/DIE	1212085		
ide, flat crimp		CRIMPFOX-M SC 6-FL/DIE	1212741		
for angled slip-on sleeves, 6.3 mm		CRIMPFOX-M SCA 2,5/DIE	1212742		
for angled slip-on sleeves, 8 mm		CRIMPFOX-M SCA 2,5-1/DIE	1212743		
contacts					
cross section: 0.5 … 4 mm²		CRIMPFOX-M TC 4/DIE	1212075		
section: 6 … 10 mm²		CRIMPFOX-M TC 10/DIE	1212076		
connectors					
9, BNC, TNC		CRIMPFOX-M CX 1/DIE	1212087		
RG 62, RG 71, BNC, TNC		CRIMPFOX-M CX 2/DIE	1212088		
		CRIMPFOX-M CX 3/DIE	1212089		
66, 1.73, 6.48, 8.23		CRIMPFOX-M CX 4/DIE	1212745		
70, 3.25, 3.85		CRIMPFOX-M CX 5/DIE	1212746		
07, 6.48, 8.23		CRIMPFOX-M CX 6/DIE	1212747		
72, 5.41		CRIMPFOX-M CX 7/DIE	1212748		
72, 8.23		CRIMPFOX-M CX 8/DIE	1212749		
ded RJ45 connectors		CRIMPFOX-M RJ45/DIE	1212090		
ded RJ11 connectors		CRIMPFOX-M RJ11/DIE	1212091		
butt connectors					
and 4 … 6 mm²		CRIMPFOX-M HS-1/DIE	1212282		
and 1.5 … 2.5 mm²		CRIMPFOX-M HS/DIE	1219092		
onnectors		CRIMPFOX-M HS/DIE	1219092		
ntact, 2.5 … 6 mm²		CRIMPFOX M SR 6-1/DIE	1212471		
ntact, 2.5 … 6 mm²		CRIMPFOX M SR 6-2/DIE	1212472		
rco, 2.5 … 6 mm²		CRIMPFOX M SR 6-3/DIE	1212473		

versal pliers for accommodating various crimp inserts

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

	Order No.	CRIMPFOX-C50	1212340	CRIMPFOX-C120	1212318
ries: die combinations les					
die part					
70 mm²				CRIMPFOX-C120 AI 70/M-DIE	1212335
				CRIMPFOX-C120 AI 95/M-DIE	1212336
die part					
				CRIMPFOX-C120 AI 50/F-DIE	1212337
				CRIMPFOX-C120 AI 70/F-DIE	1212338
				CRIMPFOX-C120 AI 95/F-DIE	1212339
² (die pair)				CRIMPFOX-C120 AI 120/DIE	1209910
ries: die combinations nsulated cable lugs					
die part					
mm²		CRIMPFOX-C50 RC 35/M-DIE	1212343		
mm²				CRIMPFOX-C120 RC 70/M-DIE	1212331
die part					
		CRIMPFOX-C50 RC 25/F-DIE	1212344		
		CRIMPFOX-C50 RC 35/F-DIE	1212345		
5, 35 mm²				CRIMPFOX-C120 RC 35/F-DIE	1212332
²				CRIMPFOX-C120 RC 50/F-DIE	1212333
m²				CRIMPFOX-C120 RC 70/F-DIE	1212334
ries: die pair ated cable lugs					
		CRIMPFOX-C50 RCI 10/DIE	1212346	CRIMPFOX-C120 RCI 10/DIE	1212327
		CRIMPFOX-C50 RCI 16/DIE	1212347	CRIMPFOX-C120 RCI 16/DIE	1212328
		CRIMPFOX-C50 RCI 25/DIE	1212348	CRIMPFOX-C120 RCI 25/DIE	1212329
				CRIMPFOX-C120 RCI 35/DIE	1212330
ries: die pair mercially available copper tubular s					
m²		CRIMPFOX-C50 RCT 35-1/DIE	1212341		
m²				CRIMPFOX-C120 RCT 35-1/DIE	1212320
		CRIMPFOX-C50 RCT 50-1/DIE	1212342		
m²				CRIMPFOX-C120 RCT 50-1/DIE	1212321
m²				CRIMPFOX-C120 RCT 70-1/DIE	1212319
				CRIMPFOX-C120 RCT 95-1/DIE	1212322
				CRIMPFOX-C120 RCT 120-1/DIE	1212323
ries: pair of round dies r cables					
m²		CRIMPFOX-C50 R25-35/DIE	1212349		
m²		CRIMPFOX-C50 R35-50/DIE	1212350		
m²		CRIMPFOX-C50 R50-70/DIE	1212351		
m²				CRIMPFOX-C120 R25-50/DIE	1212324
m²				CRIMPFOX-C120 R35-70/DIE	1212325
				CRIMPFOX-C120 R95/DIE	1212326

without insulating collar

without plastic sleeve are made
ated electrolytic copper.

rtified
E-CU
ted

m temperature:
C

rrespond to the
f DIN 46228-1 and UL 486F
nension.

erview list starting on
suitable tools for crimping
L.

Conductor cross section [mm²]	Cond. cross section [AWG]	Length [mm]	Designation ferrules	Order No.	Color
0.14 … 0.25[1][2]	26 … 22	5	A0,25-5	3202465	Silver
0.14 … 0.25[1][2]	26 … 22	7	A0,25-7	3202478	Silver
0.34[1][2]	22	7	A0,34-7	3009202	Silver
0.5	20	6	A0,5-6	3200218	Silver
0.5[1]	20	8	A0,5-8	3202481	Silver
0.5	20	10	A0,5-10	3202494	Silver
0.75	18	6	A0,75-6	3200221	Silver
0.75[1]	18	8	A0,75-8	3202504	Silver
0.75	18	10	A0,75-10	3200234	Silver
1	18	6	A1-6	3200247	Silver
1[1]	18	8	A1-8	3202517	Silver
1	18	10	A1-10	3200250	Silver
1.5	16	7	A1,5-7	3200263	Silver
1.5	16	10	A1,5-10	3200276	Silver
1.5	16	12	A1,5-12	3202588	Silver
1.5[1]	16	15	A1,5-15	3202591	Silver
1.5	16	18	A1,5-18	3202601	Silver
2.5	14	7	A2,5-7	3200289	Silver
2.5	14	12	A2,5-12	3200292	Silver
2.5	14	18	A2,5-18	3202821	Silver
4	12	9	A4-9	3200302	Silver
4	12	12	A4-12	3200315	Silver
4	12	18	A4-18	3202834	Silver
6	10	10	A6-10	3202520	Silver
6	10	12	A6-12	3200328	Silver
10	8	12	A10-12	3200331	Silver
10	8	18	A10-18	3200344	Silver
16	6	12	A16-12	3200425	Silver
25[1]	4	12	A25-12	3200357	Silver
25	4	15	A25-15	3200360	Silver
25	4	18	A25-18	3200373	Silver
25[1][2]	4	20	A25-20	3200386	Silver
25[1][2]	4	40	A25-40	3241238	Silver
35	2	18	A35-18	3200399	Silver
35[1]	2	20	A35-20	3200409	Silver
35[1][2]	2	40	A35-40	3241239	Silver
50[1][2]	1/0	40	A50-40	3241240	Silver
70[1][2]	2/0	40	A70-40	3241241	Silver
95[1][2]	3/0	40	A95-40	3241242	Silver

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

...ules with insulating collar

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

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

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

...ctor cross section [mm²]	[AWG]	Length [mm]	Color code: DIN 46228-4: 1990-09 UL 486F	Order No.	Color	Color code: NF C 63-023: 1994-02	Order No.	Color	Special color code	Order No.	Color
0,34[1][2]	26 … 22	6	AI 0,25-6 YE	3203024	Yellow				AI 0,25-6 BU	3203040	Blue
0,34[1][2]	26 … 22	6							AI 0,34-6 TQ	3203053	Turquoise
0,34[1][2]	26 … 22	8	AI 0,25-8 YE	3203037	Yellow						
0,34[1][2]	26 … 22	8							AI 0,34-8 TQ	3203066	Turquoise
0,34[1][2]	26 … 22	10	AI 0,25-10 YE	3241128	Yellow				AI 0,34-10 TQ	3241129	Turquoise
0,34[1][2]	26 … 22	12							AI 0,25-12 BU	3200632	Blue
0,34[1][2]	26 … 22	12							AI 0,34-12 TQ	3200645	Turquoise
	20	6	AI 0,5-6 WH	3200687	White	AI 0,5-6 WH	3200687	White	AI 0,5-6 OG	3201301	Orange
	20	8	AI 0,5-8 WH	3200014	White	AI 0,5-8 WH	3200014	White	AI 0,5-8 OG	3201123	Orange
	20	8	AI 0,5-8 WH-1000	3200881	White	AI 0,5-8 WH-1000	3200881	White			
	20	10	AI 0,5-10 WH	3201275	White	AI 0,5-10 WH	3201275	White	AI 0,5-10 OG	3241126	Orange
[1]	20	12	AI 0,5-12 WH	3200506	White	AI 0,5-12 WH	3200506	White			
	18	6	AI 0,75-6 GY	3200690	Gray				AI 0,75-6 WH	3201314	White
	18	8	AI 0,75-8 GY	3200519	Gray	AI 0,75-8 BU	3200027	Blue	AI 0,75-8 WH	3201110	White
	18	8	AI 0,75-8 GY-1000	3200894	Gray				AI 0,75-8 BU-1000	1213200	Blue
	18	10	AI 0,75-10 GY	3201288	Gray						
	18	12	AI 0,5-12 WH	3200506	White						
	18	12	AI 0,75-12 GY	3200849	Gray						
	18	6	AI 1-6 RD	3200742	Red	AI 1-6 RD	3200742	Red	AI 1-6 YE	3201327	Yellow
	18	8	AI 1-8 RD	3200030	Red	AI 1-8 RD	3200030	Red	AI 1-8 YE	3201097	Yellow
	18	8	AI 1-8 RD-1000	3200904	Red	AI 1-8 RD-1000	3200904	Red			
	18	10	AI 1-10 RD	3200182	Red	AI 1-10 RD	3200182	Red			
	18	12	AI 1-12 RD	3200674	Red	AI 1-12 RD	3200674	Red			
[1]	16	6	AI 1,5-6 BK	3200755	Black	AI 1,5-6 BK	3200755	Black			
	16	8	AI 1,5-8 BK	3200043	Black	AI 1,5-8 BK	3200043	Black	AI 1,5-8 RD	3201136	Red
	16	8	AI 1,5-8 BK-1000	3200917	Black	AI 1,5-8 BK-1000	3200917	Black			
	16	10	AI 1,5-10 BK	3200195	Black	AI 1,5-10 BK	3200195	Black			
	16	12	AI 1,5-12 BK	3201482	Black	AI 1,5-12 BK	3201482	Black			
	16	18	AI 1,5-18 BK	3200056	Black	AI 1,5-18 BK	3200056	Black			
	14	8	AI 2,5-8 BU	3200522	Blue	AI 2,5-8 GY	3200069	Gray	AI 2,5-8 BU	3200522	Blue
	14	8	AI 2,5-8 BU-1000	3200920	Blue				AI 2,5-8 BU-1000	3200920	Blue
[1]	14	10	AI 2,5-10 BU	3202533	Blue						
[1]	14	10	AI 2,5-10 BU-1000	3203147							
	14	12	AI 2,5-12 BU	3200962	Blue	AI 2,5-12 GY	3200205	Gray	AI 2,5-12 BU	3200962	Blue
	14	18	AI 2,5-18 BU	3200580	Blue	AI 2,5-18 GY	3200072	Gray	AI 2,5-18 BU	3200580	Blue
	12	10	AI 4-10 GY	3200535	Gray	AI 4-10 OG	3200085	Orange	AI 4-10 GY	3200535	Gray
	12	10				AI 4-10 OG-1000	1213202	Orange			
	12	12	AI 4-12 GY	3200959	Gray	AI 4-12 OG	3200438	Orange	AI 4-12 GY	3200959	Gray
[2]	12	15	AI 4-15 GY	1200264	Gray						
	12	18	AI 4-18 GY	3200593	Gray	AI 4-18 OG	3200098	Orange	AI 4-18 GY	3200593	Gray
	10	12	AI 6-12 YE	3200548	Yellow	AI 6-12 GN	3200108	Green	AI 6-12 BK	3201107	Black
	10	12							AI 6-12 GN-1000	1213203	Green
	10	18	AI 6-18 YE	3200603	Yellow	AI 6-18 GN	3200111	Green			
	8	12	AI 10-12 RD	3200551	Red	AI 10-12 BN	3200124	Brown	AI 10-12 IV	3201068	Ivory
	8	18	AI 10-18 RD	3200616	Red	AI 10-18 BN	3200137	Brown			
	6	12	AI 16-12 BU	3200564	Blue	AI 16-12 IV	3201181	Ivory	AI 16-12 GN	3201152	Green
	6	18	AI 16-18 BU	3200629	Blue				AI 16-18 GN	3201330	Green
	4	16	AI 25-16 YE	3200577	Yellow	AI 25-16 BK	3200412	Black	AI 25-16 BN	3201084	Brown
	4	18	AI 25-18 YE	3201505	Yellow						
	4	22	AI 25-22 YE	3200700	Yellow	AI 25-22 BK	3200739	Black			
	2	16	AI 35-16 RD	3200441	Red	AI 35-16 RD	3200441	Red	AI 35-16 BE	3201071	Beige
	2	18	AI 35-18 RD	3201495	Red	AI 35-18 RD	3201495	Red			
	2	25	AI 35-25 RD	3200713	Red	AI 35-25 RD	3200713	Red			

for two-wire connection

Conductor cross section		Length [mm]	Designation ferrules	Order No.	Color
[mm²]	[AWG]				
2 x 0.5	2 x 20	8	AI-TWIN2X0,5-8WH	3200933	White
2 x 0.75	2 x 18	8	AI-TWIN2X0,75-8GY	3200807	Gray
2 x 0.75	2 x 18	10	AI-TWIN2X0,75-10GY	3200933	Gray
2 x 1	2 x 18	8	AI-TWIN2X1-8RD	3200810	Red
2 x 1	2 x 18	10	AI-TWIN2X1-10RD	3200988	Red
2 x 1	2 x 18	12	AI-TWIN2X1-12RD	3240679	Red
2 x 1.5	2 x 16	8	AI-TWIN2X1,5-8BK	3200823	Black
2 x 1.5[1) 2)]	2 x 16	10	AI-TWIN2X1,5-10BK	3201534	Black
2 x 1.5	2 x 16	12	AI-TWIN2X1,5-12BK	3200991	Black
2 x 2.5	2 x 14	10	AI-TWIN2X2,5-10BU	3200836	Blue
2 x 2.5	2 x 14	13	AI-TWIN2X2,5-13BU	3200878	Blue
2 x 4	2 x 12	12	AI-TWIN2X4-12GY	3201000	Gray
2 x 6	2 x 10	14	AI-TWIN2X6-14YE	3201013	Yellow
2 x 10	2 x 8	14	AI-TWIN2X10-14RD	3201026	Red
2 x 16[1)]	2 x 6	16	AI-TWIN2X16-16BU	3202847	Blue
2 x 0.75	2 x 18	8	AI-TWIN2X0,75-8BU	3240668	Blue
2 x 2.5	2 x 14	10	AI-TWIN2X2,5-10GY	3240669	Gray
2 x 4	2 x 12	12	AI-TWIN2X4-12OG	1213204	Orange
2 x 6	2 x 10	14	AI-TWIN2X6-14GN	1213206	Green
2 x 10	2 x 8	14	AI-TWIN2X10-14BN	1213206	Brown
2 x 14	2 x 6	16	AI-TWIN2X6-16WH	1213207	White

with enlarged insulating collar (AWG/Multinorm)

Conductor cross section		Length [mm]	Designation ferrules	Order No.	Color
[mm²]	[AWG]				
0.5	20	8	AI0,5-8WH-GB	1208966	White
0.5	20	10	AI0,5-10WH-GB	3203150	White
0.75	18	8	AI0,75-8GY-GB	1208979	Gray
0.75	18	10	AI0,75-10GY-GB	3203163	Gray
1	18	8	AI1-8RD-GB	1208982	Red
1	18	10	AI1-10RD-GB-1000	1208869	Red
1.5	16	8	AI1,5-8BK-GB-1000	3202892	Black
1.5	16	10	AI1,5-10BK-GB-1000	1208872	Black

rules with plastic sleeve
cal way of crimping two
one ferrule. Among other
idges can be realized with
e.

rtified
E-CU
ted
polypropylene

rt-term temperature:
C
rrespond to the
of the UL 486F.

erview list starting on
suitable tools for crimping
L.

tified in accordance with
UL and CSA

UL and CSA-certified

ferrules provide a practical
conductors with increased

reased diameter of the
, this type of ferrule is
G and Multinorm cables
e conically shaped, "Easy
collar ensures easy and
tor insertion.

rtified
E-CU
ted
polypropylene

m temperature:
C
accordance with
nd UL 486F.

erview list starting on
suitable tools for crimping

...ules with enlarged insulating collar

Conductor cross section		Width [mm]	Designation sleeve and connector	Order No.	Color
[mm²]	[AWG]				
1.5	16	8	AI-XL1,5-8BK	3201916	Black
1.5	16	10	AI-XL1,5-10BK	3201974	Black
2.5	14	8	AI-XL2,5-8BU	3201929	Blue
2.5	14	12	AI-XL2,5-12BU	3201987	Blue
4	12	10	AI-XL4-10GY	3201932	Gray
6	10	12	AI-XL6-12YE	3201945	Yellow
10	8	12	AI-XL10-12RD	3201958	Red
16[2]	6	12	AI-XL16-12BU	3201961	Blue

...XL.... ferrules have a significantly
...d flange diameter and can therefore
...h conductors with thick insulation,
...short circuit proof cables (NSGAFöu).

... CSA-certified
...aterial: E-CU
...tin-plated
...aterial: polypropylene
...free
...ort-term temperature:
...+120°C
...nge in accordance with DIN 46228-1
...486F

...ed and banded ferrules

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

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

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

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

Conductor cross section		Width [mm]	Designation sleeve and connector	Order No.	Color
[mm²]	[AWG]				
0.5 … 1	20 … 18	2.80	C-SCF 1/2,8 x 0,5	3240152	Silver
0.5 … 1	20 … 18	2.80	C-SCF 1/2,8 x 0,8	3240153	Silver
0.5 … 1.5	20 … 16	4.80	C-SCF 1,5/4,8 x 0,5	3240154	Silver
0.5 … 1.5	20 … 16	4.80	C-SCF 1,5/4,8 x 0,8	3240155	Silver
0.5 … 1.5	20 … 16	6.30	C-SCF 1,5/6,3 x 0,8	3240156	Silver
1.5 … 2.5	16 … 14	4.80	C-SCF 2,5/4,8 x 0,5	3240157	Silver
1.5 … 2.5	16 … 14	4.80	C-SCF 2,5/4,8 x 0,8	3240158	Silver
1.5 … 2.5	16 … 14	6.30	C-SCF 2,5/6,3 x 0,8	3240159	Silver
4 … 6	12 … 10	6.30	C-SCF 6/6,3 x 0,8	3240160	Silver

...-insulated slip-on sleeves and
...lade connectors are made from
...tically tin-plated brass, thereby
... a high degree of protection against
...n. Grooves are machined on the
... area to obtain improved electrical
...hanical properties.

...cured in accordance with DIN 46247
... brass

be cable lugs, non-insulated

Conductor cross section		Fork size [mm]	Designation, fork-type cable lug	Order No.	Color
[mm²]	[AWG]				
0.5 … 1.5	20 … 16	3.20	C-FC 1,5/M3	3240137	Silver
0.5 … 1.5	20 … 16	3.70	C-FC 1,5/M3,5	3240138	Silver
0.5 … 1.5	20 … 16	4.30	C-FC 1,5/M4	3240139	Silver
0.5 … 1.5	20 … 16	5.30	C-FC 1,5/M5	3240140	Silver
0.5 … 1.5	20 … 16	6.40	C-FC 1,5/M6	3240141	Silver
1.5 … 2.5	16 … 14	3.20	C-FC 2,5/M3	3240142	Silver
1.5 … 2.5	16 … 14	3.70	C-FC 2,5/M3,5	3240143	Silver
1.5 … 2.5	16 … 14	4.30	C-FC 2,5/M4	3240144	Silver
1.5 … 2.5	16 … 14	5.30	C-FC 2,5/M5	3240145	Silver
1.5 … 2.5	16 … 14	6.40	C-FC 2,5/M6	3240146	Silver
1.5 … 2.5	16 … 14	8.40	C-FC 2,5/M8	3240147	Silver
2.6 … 4	12 … 10	4.30	C-FC 6/M4	3240148	Silver
2.6 … 4	12 … 10	5.30	C-FC 6/M5	3240149	Silver
2.6 … 4	12 … 10	6.40	C-FC 6/M6	3240150	Silver
2.6 … 4	12 … 10	8.40	C-FC 6/M8	3240151	Silver

cable lugs consist of high-
ytic copper with galvanic tin
imum corrosion protection.
red crimp zone enables
uctor pull-out values and the
operties to be achieved.

n accordance with

: copper
ted
ange: … +110°C

ole lugs, non-insulated

Conductor cross section		Hole Ø [mm]	Designation ring cable lugs	Order No.	Color
[mm²]	[AWG]				
0.5 … 1	20 … 18	2.80	C-RC 1/M2,5 DIN	3240069	Silver
0.5 … 1	20 … 18	3.20	C-RC 1/M3 DIN	3240070	Silver
0.5 … 1	20 … 18	3.70	C-RC 1/M3,5 DIN	3240071	Silver
0.5 … 1	20 … 18	4.30	C-RC 1/M4 DIN	3240072	Silver
0.5 … 1	20 … 18	5.30	C-RC 1/M5 DIN	3240073	Silver
0.5 … 1	20 … 18	6.50	C-RC 1/M6 DIN	3240074	Silver
0.5 … 1	20 … 18	8.40	C-RC 1/M8 DIN	3240075	Silver
1 … 2.5	18 … 14	3.20	C-RC 2,5/M3 DIN	3240076	Silver
1 … 2.5	18 … 14	3.70	C-RC 2,5/M3,5 DIN	3240077	Silver
1 … 2.5	18 … 14	4.30	C-RC 2,5/M4 DIN	3240078	Silver
1 … 2.5	18 … 14	5.30	C-RC 2,5/M5 DIN	3240079	Silver
1 … 2.5	18 … 14	6.50	C-RC 2,5/M6 DIN	3240080	Silver
1 … 2.5	18 … 14	8.40	C-RC 2,5/M8 DIN	3240081	Silver
1 … 2.5	18 … 14	10.50	C-RC 2,5/M10 DIN	3240082	Silver
2.6 … 6	14 … 10	4.30	C-RC 6/M4 DIN	3240083	Silver
2.6 … 6	14 … 10	5.30	C-RC 6/M5 DIN	3240084	Silver
2.6 … 6	14 … 10	6.50	C-RC 6/M6 DIN	3240085	Silver
2.6 … 6	14 … 10	8.40	C-RC 6/M8 DIN	3240086	Silver
2.6 … 6	14 … 10	10.50	C-RC 6/M10 DIN	3240087	Silver
2.6 … 6	14 … 10	13.00	C-RC 6/M12 DIN	3240088	Silver
- 10	- 8	5.30	C-RC 10/M5 DIN	3240089	Silver
- 10	- 8	6.50	C-RC 10/M6 DIN	3240090	Silver
- 10	- 8	8.40	C-RC 10/M8 DIN	3240091	Silver
- 10	- 8	10.50	C-RC 10/M10 DIN	3240092	Silver
- 10	- 8	13.00	C-RC 10/M12 DIN	3240093	Silver
- 16	- 6	5.30	C-RC 16/M5 DIN	3240094	Silver
- 16	- 6	6.50	C-RC 16/M6 DIN	3240095	Silver
- 16	- 6	8.40	C-RC 16/M8 DIN	3240096	Silver
- 16	- 6	10.50	C-RC 16/M10 DIN	3240097	Silver
- 16	- 6	13.00	C-RC 16/M12 DIN	3240098	Silver
- 25	- 4	5.30	C-RC 25/M5 DIN	3240099	Silver
- 25	- 4	6.50	C-RC 25/M6 DIN	3240100	Silver
- 25	- 4	8.40	C-RC 25/M8 DIN	3240101	Silver
- 25	- 4	10.50	C-RC 25/M10 DIN	3240102	Silver
- 25	- 4	13.00	C-RC 25/M12 DIN	3240103	Silver
- 25	- 4	17.00	C-RC 25/M16 DIN	3240104	Silver
- 35	- 2	6.50	C-RC 35/M6 DIN	3240105	Silver

lugs consist of high-quality
pper with galvanic tin plating
rrosion protection. The
crimp zone enables maximum
-out values and the best
ties to be achieved.

n accordance with

: copper
ted
ange: … +110°C

erview on page 32/33 for

cable lugs, non-insulated

tured in accordance with DIN 46234
aterial: copper
tin-plated
ture range: … +110°C

the overview on page 32/33 for
tools.

Conductor cross section		Hole Ø [mm]	Designation ring cable lugs	Order No.	Color
[mm²]	[AWG]				
- 50	- 1/0	6.50	C-RC 50/M6 DIN	3240110	Silver
- 50	- 1/0	8.40	C-RC 50/M8 DIN	3240111	Silver
- 50	- 1/0	10.50	C-RC 50/M10 DIN	3240112	Silver
- 50	- 1/0	13.00	C-RC 50/M12 DIN	3240113	Silver
- 50	- 1/0	17.00	C-RC 50/M16 DIN	3240114	Silver
- 70	- 2/0	6.50	C-RC 70/M6 DIN	3240115	Silver
- 70	- 2/0	8.40	C-RC 70/M8 DIN	3240116	Silver
- 70	- 2/0	10.50	C-RC 70/M10 DIN	3240117	Silver
- 95	- 3/0	8.40	C-RC 95/M8 DIN	3240120	Silver
- 95	- 3/0	10.50	C-RC 95/M10 DIN	3240121	Silver
- 95	- 3/0	13.00	C-RC 95/M12 DIN	3240122	Silver
120	250	8.40	C-RC 120/M8 DIN	3240124	Silver
120	250	10.50	C-RC 120/M10 DIN	3240125	Silver
120	250	13.00	C-RC 120/M12 DIN	3240126	Silver
150	300	10.50	C-RC 150/M10 DIN	3240128	Silver
150	300	13.00	C-RC 150/M12 DIN	3240129	Silver
150	300	17.00	C-RC 150/M16 DIN	3240130	Silver
185	350	10.50	C-RC 185/M10 DIN	3240131	Silver
185	350	13.00	C-RC 185/M12 DIN	3240132	Silver
185	350	17.00	C-RC 185/M16 DIN	3240133	Silver
240	500	10.50	C-RC 240/M10 DIN	3240134	Silver
240	500	13.00	C-RC 240/M12 DIN	3240135	Silver
240	500	17.00	C-RC 240/M16 DIN	3240136	Silver

cable lugs, insulated

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

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

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

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

ole lugs, insulated

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

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

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

cross section [AWG]	Hole/fork size [mm]	Ring cable lugs, insulated	Order No.	Color
16 … 14	3.7	C-RCEI 2,5 / M3,5	3241206	Blue
16 … 14	4.3	C-RCEI 2,5 / M4	3241207	Blue
16 … 14	5.3	C-RCEI 2,5 / M5	3241208	Blue
16 … 14	6.5	C-RCEI 2,5 / M6	3241209	Blue
16 … 14	8.5	C-RCEI 2,5 / M8	3241210	Blue
12 … 10	5.3	C-RCEI 6 / M5	3241211	Yellow
12 … 10	6.5	C-RCEI 6 / M6	3241212	Yellow
12 … 10	8.5	C-RCEI 6 / M8	3241213	Yellow
12 … 10	10.5	C-RCEI 6 / M10	3241214	Yellow

be cable lugs, insulated

ork-type cable lugs with plastic the "Easy Entry" system. The ically tapered to facilitate t insertion of the conductor. red crimping area guarantees nical properties and permits ven vertical crimpings.

r/tin-plated
PA/halogen-free
nge: -20°C … +105°C
ting: V2

erview on page 32/33 for

Conductor cross section		Hole/fork size [mm]	Fork-type cable lugs, insulated	Order No.	Color
[mm²]	[AWG]				
0.5 … 1.5	20 … 16	3.2	C-FCI 1,5 / M3	3240032	Red
0.5 … 1.5	20 … 16	3.7	C-FCI 1,5 / M3,5	3240033	Red
0.5 … 1.5	20 … 16	4.3	C-FCI 1,5 / M4	3240034	Red
0.5 … 1.5	20 … 16	5.3	C-FCI 1,5 / M5	3240035	Red
0.5 … 1.5	20 … 16	6.5	C-FCI 1,5 / M6	3240036	Red
1.5 … 2.5	16 … 14	3.2	C-FCI 2,5 / M3	3240037	Blue
1.5 … 2.5	16 … 14	3.7	C-FCI 2,5 / M3,5	3240038	Blue
1.5 … 2.5	16 … 14	4.3	C-FCI 2,5 / M4	3240039	Blue
1.5 … 2.5	16 … 14	5.3	C-FCI 2,5 / M5	3240040	Blue
1.5 … 2.5	16 … 14	6.5	C-FCI 2,5 / M6	3240041	Blue
4 … 6	12 … 10	4.3	C-FCI 6 / M4	3240042	Yellow
4 … 6	12 … 10	5.3	C-FCI 6 / M5	3240043	Yellow
4 … 6	12 … 10	6.5	C-FCI 6 / M6	3240044	Yellow
4 … 6	12 … 10	8.5	C-FCI 6 / M8	3240045	Yellow

cable lugs with hooks, insulated

Conductor cross section		Pin width [mm]	Designation cable lugs	Order No.	Color
[mm²]	[AWG]				
0 … 1.5	20 … 16	2.80	C-BCI 1,5/2,8	3240015	Red
0.5 … 1.5	20 … 16	4.60	C-BCI 1,5/4,6	3240568	Red
1.5 … 2.5	16 … 14	2.80	C-BCI 2,5/2,8	3240046	Blue
1.5 … 2.5	16 … 14	4.60	C-BCI 2,5/4,6	3240569	Blue
4 … 6	12 … 10	2.80	C-BCI 6/2,8	3240047	Yellow
4 … 6	12 … 10	4.60	C-BCI 6/4,6	3240570	Yellow

at pin cable lugs are made
y copper. Grooves are
he interior area of the
w for high extraction values
ntact properties. Easy and
tor insertion with the "Easy
g collar.

r/tin-plated

pin cable lugs, straight, insulated

Conductor cross section		Pin dim. [mm]	Pin width [mm]	Designation cable lugs	Order No.	Color
[mm²]	[AWG]					
0.5 … 1.5	20 … 16	19.5 x 2.8	2.80	C-BCSI 1,5/9 x 2,8	3240531	Red
1.5 … 2.5	16 … 14	32 x 4.5	2.80	C-BCSI 2,5/9 x 2,8	3240532	Blue
4 … 6	12 … 10	32 x 4.5	2.80	C-BCSI 6/10 x 2,8	3240546	Yellow
4 … 6	12 … 10	24 x 2.8	4.50	C-BCSI 6/18 x 4,5	3240533	Yellow

lated flat pin cable lugs with plastic
ature easy and safe conductor
thanks to "Easy Entry" technology,
dered crimping zone for maximum
forces, electrolytic tin plating as
n protection, and are halogen-free.

copper/tin-plated
aterial: PA/halogen-free
ture range: -20°C … +105°C
ility rating: V2

the overview on page 32/33 for
tools.

cable lugs, insulated

Conductor cross section		Ø pin [mm]	Designation cable lugs	Order No.	Color
[mm²]	[AWG]				
0.5 … 1	20 … 16	2.00	C-PCI 1,5/2	3240064	Red
1.5 … 2.5	16 … 14	2.00	C-PCI 2,5/2	3240066	Blue
4 … 6	12 … 10	2.70	C-PCI 6/2,7	3240068	Yellow

lated pin cable lugs with plastic
ature easy and safe conductor
thanks to "Easy Entry" technology,
dered crimping zone for maximum
forces, electrolytic tin plating, and
gen-free.

tured in accordance with UL
aterial: copper/tin-plated
aterial: PA/halogen-free
ture range: -20°C … +105°C
ility rating: V2

the overview on page 32/33 for
tools.

cable lugs, insulated with additional crimp zone

Conductor cross section		Ø pin [mm]	Designation cable lugs	Order No.	Color
[mm²]	[AWG]				
0.5 … 1	20 … 16	2.00	C-PCEI 1,5/2	3241215	Red
1.5 … 2.5	16 … 14	2.00	C-PCEI 2,5/2	3241216	Blue
4 … 6	12 … 10	2.70	C-PCEI 6/2	3241217	Yellow

lated C-PCEI... pin cable lugs have
onal metal sleeve for the insulation
he conductor and insulation are
together, which increases the
resistance and tensile strength.

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

nnectors, fully insulated

Conductor cross section		Width [mm]	Designation butt connector	Order No.	Color
[mm²]	[AWG]				
0 … 1.5	20 … 16	4.00	C-JCI 1,5	3240061	Red
1.5 … 2.5	16 … 14	4.50	C-JCI 2,5	3240062	Blue
4 … 6	12 … 10	6.00	C-JCI 6	3240063	Yellow

utt connectors have a
ection for exact positioning.
olytically galvanized for
sion protection.

r/tin-plated
PA/halogen-free
nge: -20°C … +105°C
ing: V2

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

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

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

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

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

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

l and crimp sets

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

Order No.	**TOOL-KIT STANDARD**	1212422
utting, stripping, crimping, and, consisting of:	CUTFOX 18	Cable cutter for copper and aluminum up to 18 mm diameter (up to 50 mm²)
	WIREFOX-D 40	Stripping tool for dismantling cables from 4.5 … 40 mm in diameter, insulation thickness of up to 4.5 mm
	WIREFOX 10	Automatic stripping pliers for conductors 0.02 … 10 mm²
	CRIMPFOX 6S-F	Crimping pliers for ferrules 0.5 … 6 mm² with self-adjusting die, front conductor entry
	SZF 1-0,6X3,5	Bladed screwdriver
	TOOL-KIT STANDARD EMPTY	Tool kit empty, 1212423
assembled according to customer ions	**TOOL-KIT CUS**	1200085
	The CUS tool kit can be assembled according to your specifications in the product area of our website at phoenixcontact.net/products.	

Order No.	**CRIMPFOX CENTRUS 6S SET**	1213999
utting, stripping, and crimping, g of:	CUTFOX 18	Cable cutter for copper and aluminum up to 18 mm diameter (up to 50 mm²)
	WIREFOX 10	Stripping pliers, for stripping conductors up to 10 mm²
	CRIMPFOX CENTRUS 6S	Crimping pliers for ferrules 0.14 … 6 mm² with self-adjusting die, front conductor entry
	AI SORTI BOX RD	Assortment box with ferrules, 50 pcs. each of: AI 0.5-8 WH, AI 2.5-8 BU, 100 pcs. each of: AI 0.75-8 GY, AI 1-8 RD, AI 1.5-8 BK
	TOOL-KIT STANDARD EMPTY	Tool kit empty, 1212423

Order No.	**TOOL DATA SET**	1208856
stripping, and crimping,	CUTFOX 12	Cable cutter for copper and aluminum conductors up to 12 mm in diameter (up to 35 mm²)
	WIREFOX-D 11	Stripping tool for dismantling signal, control, and fiberglass cables up to 11 mm, insulation thickness of up to 1 mm
	CRIMPFOX-M	Basic pliers for accommodating dies for various contact types
	CRIMPFOX-M RJ45 / DIE	Die for CRIMPFOX-M, for unshielded RJ45 connectors, stackable storage box
	TOOL-KIT STANDARD EMPTY	Tool kit empty, 1212423

Order No.	**TOOL SET ALLROUND 2**	1208843
stripping, and crimping,	CUTFOX 12	Cable cutter for copper and aluminum conductors up to 12 mm in diameter (up to 35 mm²)
	WIREFOX 10	Automatic stripping pliers for conductors 0.02 ... 10 mm²
	CRIMPFOX 10 S	Crimping pliers for ferrules 0.14 … 10 mm² with self-adjusting die

Order No.	**TOOL SET ALLROUND 3**	1208953
stripping, crimping, and	WIREFOX 10	Automatic stripping pliers for conductors of 0.02 ... 10 mm²

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

	TOOL-CASE	1212629
e, lockable, with adjustable strap, l with each of the following tools:	CUTFOX 12	Cable cutter for copper and aluminum conductors up to 12 mm in diameter (up to 35 mm²)
	CUTFOX-S VDE	Diagonal cutter for copper and aluminum conductors, VDE-tested
	MICROFOX-SB	Electronic diagonal cutter
	WIREFOX 10	Automatic stripping pliers for conductors 0.02 ... 10 mm²
	WIREFOX-D 13	Stripping tool, for stripping cables from 8 ... 13 mm
	WIREFOX-D 28	Stripping tool for stripping cables from 8 ... 28 mm
	WIREFOX-D 11	Stripping tool for dismantling signal, control, and fiberglass cables up to 11 mm, insulation thickness of up to 1 mm
	CRIMPFOX-M SET	Crimping pliers set for ferrules and insulated and non-insulated cable lugs
	CRIMPFOX-M RCI 6/DIE	Die for CRIMPFOX-M, for non-insulated cable lugs, stackable storage box
	UNIFOX-C VDE	Combination pliers, VDE version
	UNIFOX-P VDE	Needle-nose pliers, VDE version
	UNIFOX-WP	Water pump pliers
	Screwdriver set slotted	SZS 0,4 x 2,5 / 0,5 x 3,0 / 1,0 x 4,0 / 1,0 x 6,5, VDE versiion
	Screwdriver set crosshead	Screwdriver, for Phillips Recess screws, sizes: 0/1/2, VDE version
	THEX screwdriver set	SF-THEX 2.5-100/3-100/4-150/5-150, non-insulated
	SF-SOCKET SET 47	47-part 1/4" socket tray
	Voltage tester	Voltage tester for DC and AC voltages from 12 V to 1000 V AC/1100 V DC, IP65
	USS 4	Control cabinet key metal, for all common control cabinets
	AI SORTI BOX RD	Assortment box with ferrules, 50 pcs. each of: AI 0.5-8 WH, AI 2.5-8 BU, 100 pcs. each of: AI 0.75-8 GY, AI 1-8 RD, AI 1.5-8 BK
	AI-TWIN SORTI BOX BU	Assortment box with TWIN ferrules, 50 pcs. each of: AI-TWIN 2 0.5-8 WH, AI-TWIN 2 x 0.75-8 GY, AI-TWIN 2 x 1-8 RD, AI-TWIN 2 x 1.5-8 BK, 25 pcs. each of: AI-TWIN 2 x 2.5-10 BU
	Cutter knife	With segment blades
	Measuring tape	5 m inch/metric
	Accessories	Safety glasses, hammer 300 g, continuity tester, scriber, combination wrench set 5 ... 22 mm, adjustable wrench < 30 mm
	TOOL-CASE EMPTY	Tool case, lockable, with elasticated straps to hold tools in place, empty, 1212628
e, assembled according to customer tions	**TOOL-CASE CUS**	1200072
	The CUS tool case can be assembled according to your specifications in the product area of our website at phoenixcontact.net/products.	

Order No.

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

Order No.	**CRIMPSET 6**	1202072
	QUICK WIREFOX 6	Stripping tool for cables and conductors up to 6 mm²
	CRIMPFOX 6T	Crimping pliers with integrated pressure lock for ferrules between 0.25 ... 6 mm², front insertion
	Ferrules, 500 pcs. each of:	AI 0,25-6 YE; AI 0,34-6 TQ; AI 0,5-8 WH; AI 0,75-8 GY; AI 1-8 RD; AI 1,5-8 BK
	300 pcs. ferrules	AI 2,5-8 BU
	200 pcs. ferrules	AI 4-10 GY
	100 pcs. ferrules	AI 6-12 YE
	CRIMPSET 6/25 LEER	1204041

rimp set in a robust metal
 with ferrules and tools
from 10 … 16 mm². The
nufactured in accordance
8-4 and UL 486F. UL and

Order No.	**CRIMPSET 25**	1202580
	WIREFOX-D 40	Stripping tool for stripping cables from 4.5 ... 40 mm in diameter
	CRIMPFOX 25R	Crimping pliers with integrated pressure lock for ferrules from 10 - 25 mm², lateral entry
	300 pcs. ferrules	AI 10-12 RD
	200 pcs. ferrules	AI 16-12 BU
	100 pcs. ferrules	AI 25-16 YE
	CRIMPSET 6/25 LEER	1204041

, red, consisting of ferrules in
n DIN 46228-4 and UL 486F,
 AI 0.5-8 WH; AI 2.5-8 BU,
f: AI 0.75-8 GY; AI 1-8 RD;

ortment boxes and fitting
ww.phoenixcontact.net/catalog.

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

l tool sets, for convenient on-site use,
l with a selection of products from
DL fox tool range. The pockets are
om robust and hard-wearing material.
siness card pocket.

Order No.	**TOOL-WRAP**	1212505
p, equipped with one of each of the	CUTFOX 16 VDE	Cable cutter for copper and aluminum conductors, VDE-tested
g tools:	CUTFOX-S VDE	Diagonal cutter for copper and aluminum conductors, VDE-tested
	SZK PH0	Screwdriver, for Phillips Recess screws, size: 0
	SZK PH1	Screwdriver, for Phillips Recess screws, size: 1
	SZK PH2	Screwdriver, for Phillips Recess screws, size: 2
	SZS 0,4 x 2,5	Screwdriver, bladed, blade: 0.4 x 2.5 x 80 mm, length: 161 mm
	SZS 0,5 x 3,0	Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm
	SZS 1,0 x 4,0	Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm
	SZS 1,0 x 6,5	Screwdriver, bladed, blade: 1.0 x 6.5 x 150 mm, length: 248 mm
	UNIFOX-C VDE	Combination pliers, VDE version
	UNIFOX-P VDE	Needle-nose pliers, VDE version
	Voltage tester	Voltage tester for DC and AC voltages from 12 V to 1000 V AC/1100 V DC, IP65
	TOOL-WRAP EMPTY	Tool wrap empty, 1212501
p, assembled according to customer ions	**TOOL-WRAP CUS**	1200083

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

nt and padded tool bag for wearing.
n to the tool compartments in the
d back, it is equipped with a laptop
ument pocket. Made from hard-ware
With business card pocket.

Order No.	**TOOL-BAG**	1212504
equipped with each of the following	AI SORTI BOX RD	Assortment box with ferrules, 50 pcs. each of: AI 0.5-8 WH, AI 2.5-8 BU, 100 pcs. each of: AI 0.75-8 GY, AI 1-8 RD, AI 1.5-8 BK
	CRIMPFOX-M SET	Crimping pliers set for ferrules and insulated and non-insulated cable lugs
	CUTFOX 25 VDE	Cable cutter for copper and aluminum conductors, VDE-tested
	CUTFOX-S VDE	Diagonal cutter for copper and aluminum conductors, VDE-tested
	SZK PH0	Screwdriver, for Phillips Recess screws, size: 0
	SZK PH1	Screwdriver, for Phillips Recess screws, size: 1
	SZK PH2	Screwdriver, for Phillips Recess screws, size: 2
	SZS 0,4 x 2,5	Screwdriver, bladed, blade: 0.4 x 2.5 x 80 mm, length: 161 mm
	SZS 0,5 x 3,0	Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm
	SZS 1,0 x 4,0	Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm
	SZS 1,0 x 6,5	Screwdriver, bladed, blade: 1.0 x 6.5 x 150 mm, length: 248 mm
	UNIFOX-C VDE	Combination pliers, VDE version
	UNIFOX-P VDE	Needle-nose pliers, VDE version
	UNIFOX-WP	Water pump pliers
	USS 4	Control cabinet key in metal, for all common control cabinets
	WIREFOX 10	Automatic stripping pliers for conductors 0.02 ... 10 mm²

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

...ped with each of the following

Order No.	**TOOL-CARRIER**	1212503
	CRIMPFOX-M	Basic pliers, for accommodating dies for various contact types
	CRIMPFOX-M 10 / DIE	Die, for CRIMPFOX-M, for 0.25 ... 10 mm² ferrules, stackable storage box
	CUTFOX 18	Cable cutter for copper and aluminum conductors
	CUTFOX-S VDE	Diagonal cutter for copper and aluminum conductors, VDE-tested
	SZK PH0	Screwdriver, for Phillips Recess screws, size: 0
	SZK PH1	Screwdriver, for Phillips Recess screws, size: 1
	SZK PH2	Screwdriver, for Phillips Recess screws, size: 2
	SZS 0,4X2,5	Screwdriver, bladed, blade: 0.4 x 2.5 x 80 mm, length: 161 mm
	SZS 0,5X3,0	Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm
	SZS 1,0X4,0	Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm
	SZS 1,0X6,5	Screwdriver, bladed, blade: 1.0 x 6.5 x 150 mm, length: 248 mm
	UNIFOX-CE VDE	Combination pliers, angled, VDE version
	UNIFOX-P VDE	Needle-nose pliers, VDE version
	UNIFOX-WP	Water pump pliers
	USS 4	Control cabinet key in metal, for all common control cabinets
	WIREFOX 10 VDE	Stripping pliers, for stripping conductors up to 10 mm²
	WIREFOX-D 13	Stripping tool, for stripping cables from 8 ... 13 mm
	WIREFOX-D 28	Stripping tool, for stripping cables from 8 ... 28 mm
	Voltage tester	Voltage tester for DC and AC voltages from 12 V to 1000 V AC/1100 V DC, IP65
	Cutter knife	With segment blade
	Measuring tape	5 m inch/metric
	TOOL-CARRIER EMPTY	Tool bag, empty, 1212499

...bled according to customer

	TOOL-CARRIER CUS	1200082

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

...ouch has multiple pockets for
...the tools. With business card

...equipped with one of each of
...ols:

Order No.	**TOOL-BELTPOUCH**	1212506
	CUTFOX 18	Cable cutter for copper and aluminum conductors up to 18 mm in diameter (up to 50 mm²)
	CUTFOX-S VDE	Diagonal cutter for copper and aluminum conductors, VDE-tested
	Voltage tester	Voltage tester for DC and AC voltages from 12 V to 1000 V AC/1100 V DC, IP65
	SZK PH1	Screwdriver, for Phillips Recess screws, size: 1
	SZK PH2	Screwdriver, for Phillips Recess screws, size: 2
	SZS 0,5 x 3,0	Screwdriver, bladed, blade: 0.5 x 3.0 x 100 mm, length: 181 mm
	SZS 1,0 x 4,0	Screwdriver, bladed, blade: 1.0 x 4.0 x 100 mm, length: 198 mm
	SZS 1,0 x 5,5	Screwdriver, bladed, blade: 1.0 x 5.5 x 125 mm, length: 223 mm
	UNIFOX-CE VDE	Combination pliers, angled, VDE version
	USS 4	Control cabinet key in metal, for all common control cabinets
	WIREFOX-D 13	Stripping tool, for stripping cables from 8 ... 13 mm

rewdrivers and torque
rewdrivers
REWFOX

nix Contact screwdrivers are tailored
variety of different screws.

s particularly true of the products in
erminal block range. Ergonomically
hed handles mean that the required
e is transferred with a reasonable
nt of force. Adjustable torque and
ess screwdrivers complete the
uct range.

gonomic and durable

ether bits, screwdrivers with a wide range
drives and sizes, cordless screwdrivers or
nual torque screwdrivers – Phoenix Contact
the right screwdriver tool for you.

urable, thanks to specially hardened and
mpered blades

gh torque transmission, thanks to the
ecial two-component handle geometry

lid, thanks to high-quality components and
w materials

force transmission

...nent and ergonomically designed
...ure an optimum grip and support

Precise torque

The finely adjustable torque enables optimum
adaptation to various screw sizes and ensures

Cordless screwdrivers

The SF-ASD 21 high-precision cordless
torque screwdriver is the ideal one-hand tool

wdrivers

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

S-VDE versions has insulation that runs into the shaft. Since there is no g shaft, even deeper lying screws can be reached with ease.

1000 V AC/
1500 V DC

1000 V AC/
1500 V DC

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

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

-insulated SF-TXH versions be used for security screws s aside from the standard rews.

WFOX screwdriver tools

Screwdrivers for actuating spring-cage and fast connection terminal blocks

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

The angled/curved versions are ideal for use in narrow spaces.

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

Voltage tester single position

Voltage tester, slotted, AC

	Order No.		
	SF-VT VDE	1212598	

Hexagonal socket wrenches and screwdrivers

Tools for tightening hexagonal screws and nuts. Short, ergonomically designed handles ensure grip.

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

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

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

REWFOX screwdriver tools

agonal socket wrenches and screwdrivers

screwdriver set, metric, 9-part, in practical holder
th ball head, matt chrome-plated
th ball head from TX 15, phosphate coated

	Order No.	Allen key set		Torx set		
1,5, 2, 2,5, 3, 4, 5, 6, 8, 10		**SF-LHEX SET**	1212544			
8, 9, 10, 15, 20, 25, 27, 30, 40				**SF-LTX SET**	1200162	

ue cordless screwdrivers

dless screwdriver features the following:
eft rotation
peed gear
ge clutch with drilling setting up to 600 rpm
n hexagonal fast connection drill chuck
orque repeat accuracy

	Order No.	**SF-ASD 21**	1212532	**SF-ASD 21 SET 230V**	1212530	
tion		Adjustable from 0.3 ... 4.4 Nm, incl. 1.2 Ah battery pack		Consisting of: torque cordless screwdriver incl. two batteries, 230 V charger, bits and user manual, aluminum case		

ries						
ement charger		**SF-ASD 21/CHARGER 230 V**	1212535			
ement battery		**SF-ASD 21/ACCU 1,5 AH**	1212533			

rque screwdrivers with hexagonal fast connection holder

-precision, finely adjustable torque screwdrivers
dance with EN ISO 6789 are optimally tailored to
Contact products with a screw connection.

	Order No.	**TSD-M 1,2NM**	1212224	**TSD-M 3NM**	1212225	**TSD-M 6NM**	1212226
		0.3 ... 1.2 Nm		1.2 ... 3.0 Nm		3.0 ... 6.0 Nm	

ries							
r insert		**TSD-M SAC-BIT ADAPTER**	1212600	**TSD-M SAC-BIT ADAPTER**	1212600	**TSD-M SAC-BIT ADAPTER**	1212600

screwdriver with 1/4" quick-action chuck and
long handle is suitable for bits in accordance with
6-C 6.3 and E 6.3/ISO 1173.

erts for cordless screwdrivers and bit handles

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

	Order No.				
: 50 mm	**SF-BIT-SL 0,5X3,0-50**	1212566			
: 70 mm	**SF-BIT-SL 0,5X3,0-70**	1212567			
: 50 mm	**SF-BIT-SL 0,6X3,5-50**	1212568			
: 70 mm	**SF-BIT-SL 0,6X3,5-70**	1212569			
: 50 mm	**SF-BIT-SL 0,8X4,0-50**	1212571			
70 mm	**SF-BIT-SL 0,8X4,0-70**	1212572			
: 50 mm	**SF-BIT-SL 1,0X5,5-50**	1212574			
: 70 mm	**SF-BIT-SL 1,0X5,5-70**	1212575			
: 70 mm	**SF-BIT-SL 1,2X6,5-70**	1212577			
: 50 mm for test sockets			**SF-BIT-SLS 0,6X3,5-50**	1212605	
: 50 mm for test sockets			**SF-BIT-SLS 0,9X6,5-50**	1212606	

	Order No.				
n	**SF-BIT-PH 1-50**	1212579	**SF-BIT-PZ 1-50**	1212591	
n	**SF-BIT-PH 2-50**	1212580	**SF-BIT-PZ 2-50**	1212592	
n	**SF-BIT-PH 3-50**	1212581	**SF-BIT-PZ 3-50**	1212593	
n	**SF-BIT-PH 1-70**	1212582	**SF-BIT-PZ 1-70**	1212594	
n	**SF-BIT-PH 2-70**	1212583	**SF-BIT-PZ 2-70**	1212595	
n	**SF-BIT-PH 3-70**	1212584	**SF-BIT-PZ 3-70**	1212596	

profile combination of slotted head and
crew connections on fuse boxes, relays,
s, etc.

	Order No.				
n	**SF-BIT-PHSL 1-70**	1212479	**SF-BIT-PZSL 1-70**	1212603	
n	**SF-BIT-PHSL 2-70**	1212601	**SF-BIT-PZSL 2-70**	1212604	

	Order No.				
n/2 x 89 mm			**SF-BIT-HEX 2-50**	1212645	**SF-BIT-HEX 2-89 S**	1200300
mm/2.5 x 89 mm			**SF-BIT-HEX 2,5-50**	1212646	**SF-BIT-HEX 2,5-89 S**	1200301
n/3 x 89 mm			**SF-BIT-HEX 3-50**	1212647	**SF-BIT-HEX 3-89 S**	1200302
n/4 x 89 mm			**SF-BIT-HEX 4-50**	1212648	**SF-BIT-HEX 4-89 S**	1200303
n			**SF-BIT-HEX 5-50**	1212649		
n			**SF-BIT-HEX 6-50**	1212650		
n	**SF-BIT-TX 8-50**	1212570	**SF-BIT-HEX 8-50**	1212651		
n	**SF-BIT-TX 10-50**	1212573			
m	**SF-BIT-TX 15-50**	1212576			

CREWFOX screwdriver tools

Hexagonal torque screwdrivers with preset torque

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

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

Control cabinet keys

Small control cabinet key with five closures:
- 8 mm square,
- mm triangle,
- mm two-way key bit

1 **2** **3**

	Order No.	**USS 4**	1203149

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

1 **2** **3** **4**
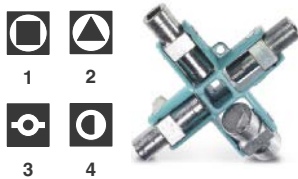
	Order No.	**SF-CCK 9**	1212525

Socket wrench set

Socket wrench set 1/4", 47-part, 1/4" reversible 48 teeth with fast locking systems, 1/4" extensions and 100 mm, 1/4" screw handle, 1/4" flexible 150 mm, 1/4" Kardan joint, 1/4" T-handle bit adapter, 13 knurled 1/4" sockets, wrench size: 4.5/6/7/8/9/10/11/12/13/14 mm, 21 knurled socket Torx® T10, T15, T20, T25, T30, T40, 6 x Hex , 7, 8 mm, 3 x Phillips Recess® PH1, PH2, PH3, driv® PZ1, PZ2, PZ3, 3 x slotted 4, 5.5, 7 mm, wrench Hex 1.27, 1.5, 2, 2.5 mm, breakage and resistant plastic case with metal fastening.

	Order No.	**SF-SOCKET SET 47**	1200292

river and bit sets

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

	Order No.

et, slotted/crosshead Phillips Recess®, 6-piece, incl. rack, contents: 0.5 x 3.0 x 80; ; 1.0 x 5.5 x 150; 1.2 x 6.5 x 150, PH 1, PH 2	**SF-SL/PH SET**	1212541
et, slotted/crosshead Pozidriv®, 6-piece., incl. rack, contents: 0.5 x 3.0x 80; ; 1.0 x 5.5 x 150; 1.2 x 6.5 x 150, PZ 1, PZ 2	**SF-SL/PZ SET**	1212542
et, slotted/crosshead Pozidriv® VDE-insulated, 6-piece, incl. rack, contents: 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; PZ 1, PZ 2	**SF-SL/PZ SET VDE**	1212540
et, slotted/crosshead Phillips Recess®, VDE-insulated, 6-piece, incl. rack 2.5 x 80; 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; PH 1, PH 2	**SF-SL/PH SET VDE**	1212539
et, protective insulation integrated in the shaft, slotted/crosshead Phillips/combined ® + slotted (plus/minus), VDE-insulated, 7-piece, incl. rack 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; PH1 x 80; PH2 x 100; PZ1 x 80;	**SF-SL/PH/PZ-SL SET S-VDE**	1212701
et, Torx® with drill bit, 6-piece, incl. rack, contents: TX 8 x 60; TX 10 x 80; X 20 x 100; TX 25 x 100; TX 30 x 115	**SF-THX SET**	1212538
et, Torx®, VDE-insulated, 6-piece, incl. rack, contents: TX 8 x 80; TX 10 x 80; X 20 x 80; TX 25 x 100; TX 30 x 100	**SF-TX SET VDE**	1212537

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

	Order No.

-UBH universal bit holder, 25 mm long slotted/crosshead (PZ and PH) bits, 10-piece	**SF-BIT SET**	1212545

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

	Order No.

er set with quick-action chuck, 89 mm long slotted/crosshead (PZ and PH)/Hex/ part, in folding belt pouch , 2, 3 x 89; PZ 1, 2, 3 x 89; SL 1.5 x 5.5 x 89; TX 10 ... 30 x 89; SW 3, 4, 5, 6 x 89	**SF-M SET**	1212543
er set with quick-action chuck, 89 mm long slotted/crosshead (PZ and PH)/Hex/ part, in folding belt pouch , 2, 3 x 89; SL 4 x 2.5; 6 x 3.5; 8 x 3.5; 1.0 x 5.5; 1.2 x 6.5; TX 10 ... 25 x 89; SW 3.4	**SF-M SET 2**	1212756

easuring and test devices
STFOX

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

ltifunctional and robust

TFOX measuring and test devices ensure
safety of your systems and devices.

obust and durable, thanks to special shock-
oof plastic materials

gh level of functionality: all standard
easuring tasks in a single compact device

rsatile use: also ideal for use in
otovoltaics

eliable results: elimination of inaccurate
easurements due to reactive voltage
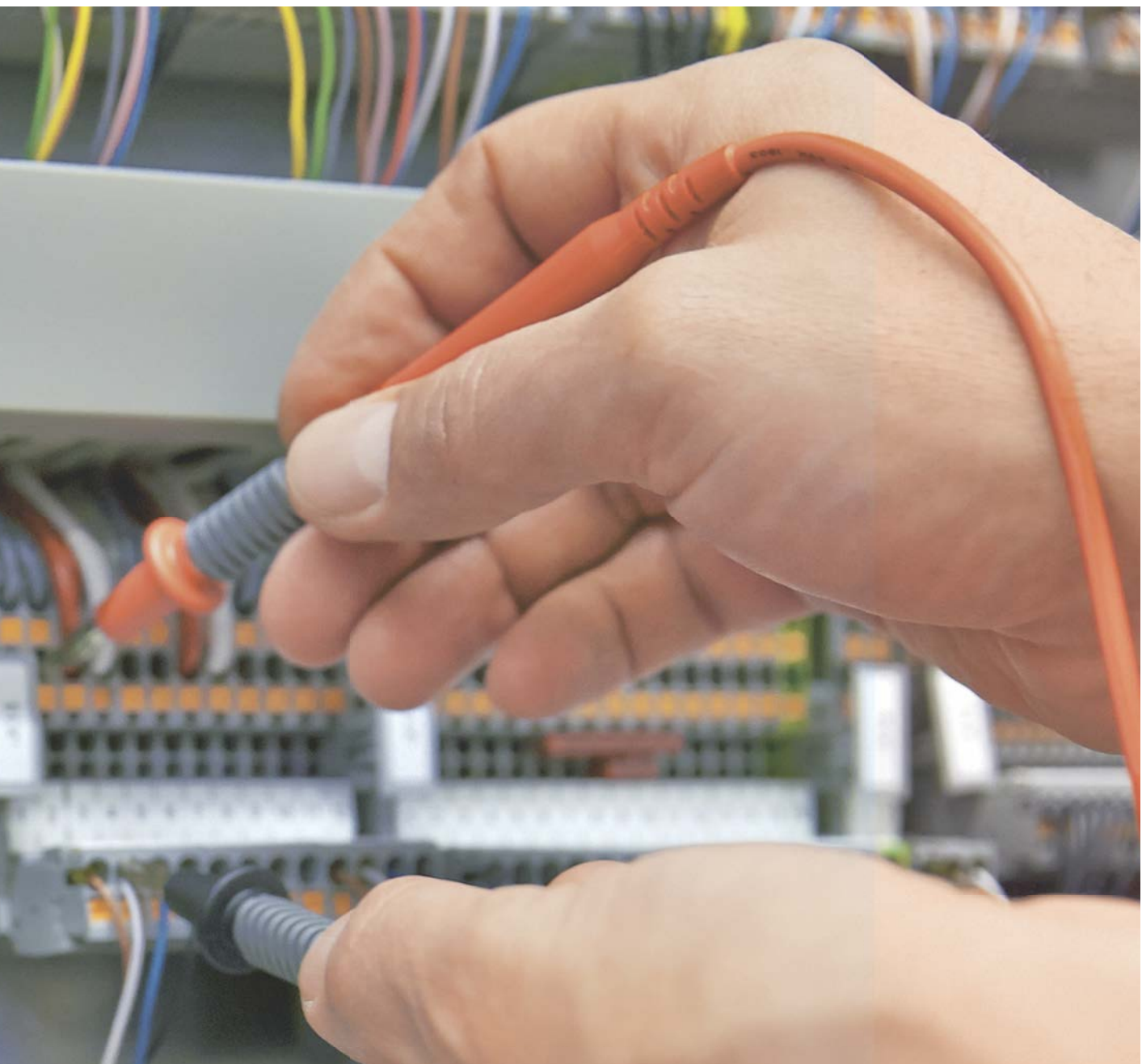
ge of functions

OX M-1 supports all standard
methods and temperature

Versatile use

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

Error-free measurement

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

...SPOL EXPERT voltage and continuity tester
...the following:
...position test of the outer conductor (phase)
...ring point lighting
...e and optical continuity test
...connection via pushbutton
...ion alarm for safe voltage detection
...voltage category CAT IV 500 V in accordance with
...N 61243-3

	Order No.	**DUSPOL EXPERT**	1209091		
range	[V DC]	12 … 750			
range	[V AC]	12 … 690			
...ion class		IP64			

...rent probes can be used for voltages of up to
...ategory III. They combine the functions of a digital
...ter with those of a current probe in compact and
... IP30 housing. All measuring ranges are protected
...verload.

	Order No.	**TESTFOX CC**	1212210	**TESTFOX CC-1**	1212211
range		2,000 digits		4,000 digits	
accuracy		1.0 %		0.5 %	
...tage		0.1 V … 600 V		0.1 mV … 600 V	
...tage		0.1 V … 600 V		0.1 mV … 600 V	
...rent		0.1 A … 400 A		10 mA … 300 A	
...rent		–		10 mA … 300 A	
...nce		0.1 Ω … 20 M Ω		0.1 Ω … 40 M Ω	
...uity test		Audible (20 Ω)		Audible (50 Ω)	
...ement mode		RMS		True RMS	

...ultimeters with volt sensor function offer a
...ble variety of functions and easy handling and
...with their quality. They are tested and approved
...dance with applicable international IEC/EN 61010
...s. The devices can be used for voltages of up to
...ategory III or 1000 V category II.

	Order No.	**TESTFOX M**	1212208	**TESTFOX M-1**	1212209
range		2,000 digits		2,000 digits	
accuracy		0.5 %		0.5 %	
...nsor		Yes		Yes	
...age		0.1 mV … 750 V		0.1 mV … 750 V	
...tage		0.1 mV … 1000 V		0.1 mV … 1000 V	
...rent		–		1 mA … 10 A	
...rent		–		1 A … 10 A	

FOX test and measuring devices

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

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

electronics pliers
CROFOX

...ROFOX is the range of pliers for all ...in electronics and electromechanical ...eering. It is ideal for working on hard ...cess areas such as PCB components.

...micro pliers feature ergonomically ...d two-component handles. This ...es a secure grip and makes effortless ... To protect sensitive electronic ...onents, we recommend the ESD ...ns with special handles. These ...arge the electrostatic charges in a ...olled manner in accordance with the ...ant standards and regulations.
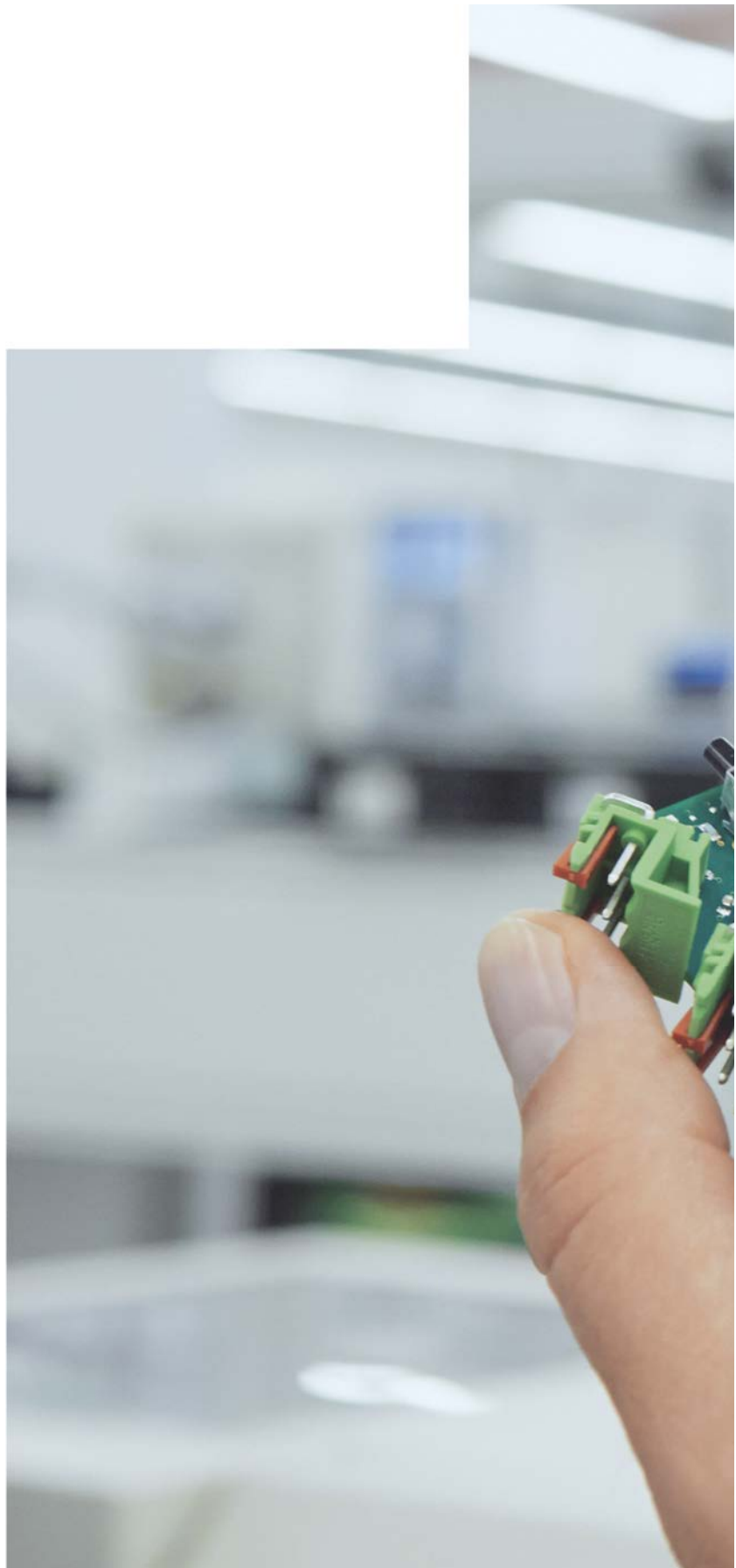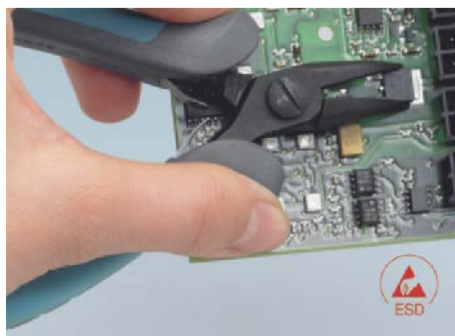
Safe

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

Precise

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

re made from special C 60 tool
ned and precision-ground which

CROFOX electronics pliers

tronics pliers

OX electronics pliers feature a through-connected
permanent stability and optimum distribution of
ne surfaces are finely polished and oiled and are
d with an opening spring that allows for working
one hand.

Order No.	**MICROFOX-SB** 1212489	**MICROFOX-SP** 1212488	
tion	Diagonal cutter	Diagonal cutter	
	Rounded head with chamfer	Tapered head without chamfer	

ing tools are precision-ground and offer ideal
esults in the long term. The two-component
rovide for non-slip and effortless use.

Order No.	**MICROFOX-E** 1212494	**MICROFOX-EO** 1212495	**MICROFOX-P** 1212493
tion	Front cutter	Front cutter	Needle-nose pliers
	No chamfer	Angled, 20°, no chamfer	Smooth gripping surface

ping surfaces of the tools are designed flat to avoid
when gripping and bending components.

Order No.	**MICROFOX-PC** 1212492	**MICROFOX-F** 1212493	**MICROFOX-R** 1212490
tion	Needle-nose pliers	Flat-nose pliers	Round-nose pliers
	45° angle, smooth gripping surface	Smooth gripping surface	Smooth gripping surface

OFOX electronics pliers

nics pliers

X-SP-1 is equipped with a sensitive spring
e phosphate coated surface supports glare-
oft materials such as copper and plastic.
designed without a chamfer and thus realize

Order No.	**MICROFOX-SP-1**	1212487		
	Diagonal cutter			
	Tapered head, no chamfer, plated joint			

ctronics pliers

X ESD electronics pliers conform
andards and regulations including
-5.
ecision joint ensures optimum results. The
are mirror-polished and then phosphate-
re that there is no glare when working.

Order No.	**MICROFOX-S ESD**	1212480	**MICROFOX-E ESD**	1212485	**MICROFOX-P ESD**	1212482
	Diagonal cutter		Front cutter		Needle-nose pliers	
	Rounded head, no chamfer		No chamfer		Smooth gripping surface	

pliers are equipped with an opening spring
sensitive working with just one hand. The
faces protect delicate parts from being

Order No.	**MICROFOX-PC ESD**	1212483	**MICROFOX-F ESD**	1212484	**MICROFOX-R ESD**	1212481
	Needle-nose pliers		Flat-nose pliers		Round-nose pliers	
	45° angle, smooth gripping surface		Smooth gripping surface		Smooth gripping surface	

utomatic devices
utting, stripping, and crimping devices

nix Contact has a comprehensive
of innovative automatic devices for
utomation of fast and flexible
essing of conductors and cables. A
ination of functionality, quality, and
etup times guarantees high levels of
lity while ensuring high-quality results
time.

xible and fast

- ting, stripping and crimping: Increase your ciency by automating these three substeps.
- sy startup and high process reliability in e application
- tuitive operation via display, knobs or merical keys
- urable and low-maintenance, thanks to the bust design and the use of low-wear mponents

cutting

DX 10 automatic cutting device
and stranded conductors and

Automatic stripping

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

Automatic crimping

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

UTFOX 10 automatic cutting device
nductors and cables up to 10 mm^2.
d stranded conductors can be cut
th with millimeter precision. The
nd number of cuts are entered via
r-friendly display. The CUTFOX 10
tically adapts to the diameter when
s a change in material.

The WF 1000 stripping machine can be used
to automatically strip conductors with a
cross section of up to 6 mm^2 or cables up
to 6 mm Ø, and also offers the option of
partial stripping. The stripping dimensions are
set individually via knobs and shown on the
display.

The ZAP crimping pliers are pneumatic pliers
for ferrules with a cross section range from
0.25 to 10 mm^2. The crimping process is
activated by a foot valve or a manual trigger,
depending on the version. Two integrated
recesses allow quick access to the ferrules.

F 500 is characterized by a high press
y in a compact design. The dies can
aced quickly and easily, which makes it
r processing a variety of contact types
0 mm^2.

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

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

X 10 automatic cutting device

10 automatic cutting device cuts conductors and cables up to 10 mm². Solid and stranded
be cut to length with millimeter precision. The length and number of cuts are entered
ndly display. The CUTFOX 10 automatically adapts to the diameter when there is a
rial.

		Order No.	
tting device, 100 ... 240 V, 50 ... 60 Hz version		**CUTFOX 10**	1206829
and cables up to 8 mm Ø			
mm²) and stranded (up to 10 mm²)			
or CUTFOX 10		**CUTFOX 10 C-UN**	1208393
for accommodating cable rings and coils			
a			
width/length/height	[mm]	194/301/228	
	[kg]	11	
nption	[VA]	80	
	[mm²]	0.25 ... 10	
	[mm²]	0.25 ... 2.5	
	[mm]	8	
setting		Automatic	
mber of cuts	[unit]	9999	
	[m]	Up to 1000	
	[m/s]	0.5	
urement		mm / inch	
ge		German/English/French/Italian	
automatic cutting device			
drive wheels		**CF-10 WHEEL SET**	1207271
FOX 10			
FOX 10, with PU tread, for sensitive cables/conductors and their insulation (for hard		**CF-10 WHEEL SET PU**	1200098
me extent)			
FOX 10 with hardened, finely knurled steel tread, for very hard insulation and materials		**CF-10 WHEEL SET STEEL**	1200099
blade set		**CF-10 CUTTER KNIFE SET**	1207284
0			
cable unwinder			
rotary table for cable roller		**CUTFOX 10 R-C**	1208403
ating and coordinated unwinding of cable rings and coils			
holding arms for rotary tables		**CUTFOX 10 BAR**	1208416
arms for rotary table			

1000 stripping machine

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

	Order No.	
g machine, 230 V version	**WF 1000**	1212149
ductors and cables		
d stranded 0.08 ... 6 mm² (max. Ø 6 mm)		
egrated graphics display		
g machine, 120 V version	**WF 1000 120 V**	1212258
ductors and cables		
d stranded 0.08 ... 6 mm² (max. Ø 6 mm)		
egrated graphics display		
al data		
ions, width/length/height [mm]	141 / 363 / 221	
[kg]	9.5	
consumption [VA]	160	
g cycle [s]	0.3	
rand [mm²]	0.08 ... 6	
g length [mm]	2 ... 20	
stripping length [mm]	2 ... 20	
assage [mm]	6	
ories, automatic cutting device		
ement stripping blade	**WF 1000/SB**	1212279

...eumatic crimping pliers

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

		ZAP 25	1203110	ZAP 40	1212630	ZAP 100	1203259
...imping pliers	Order No.						
...accordance with DIN 46228-1/4							
...a							
	[mm²]/AWG	0.25 … 2.5/24 … 14		0.25 … 4/24 … 12		4 … 10/12 … 8	
...ge	[bar]	4 … 6		4 … 6		4 … 6	
...ion per compression	[l]	0.2		0.2		0.2	
		Trapezoidal		Trapezoidal		Trapezoidal	

...umatic crimping pliers are designed for work at the workbench and equipped with a foot
...eps both hands free for equipping the conductor. Depending on the model, they process
...s sections from 0.25 to 10 mm².
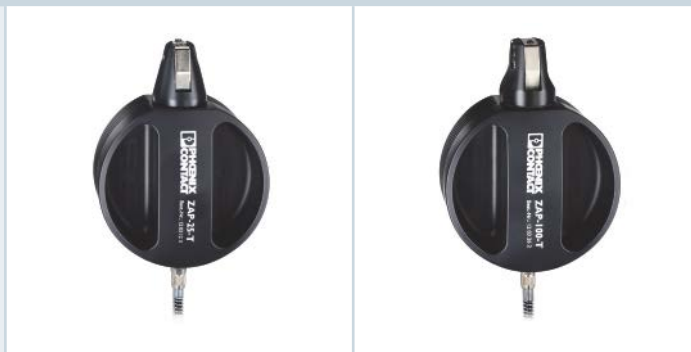
		ZAP 25 T	1203123	ZAP 100 T	1203262
...imping pliers	Order No.				
...accordance with DIN 46228-1/4					
...a					
	[mm²]/AWG	0.25 … 2.5/24 … 14		4 … 10/12 … 8	
...ge	[bar]	4 … 6		4 … 6	
...ion per compression	[l]	0.2		0.2	
		Trapezoidal		Trapezoidal	

able hand-held device CRIMPHANDY

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

		CF CRIMPHANDY 0,5	1212463	CF CRIMPHANDY 0,75	1212464
sions **W x H x L**	[mm]	43 x 70 x 205		43 x 70 x 205	
	[kg]	0.43		0.43	
ctor	[mm²]	0.5		0.75	
g cycle	[s]	< 2		< 2	
ng		Square crimping		Square crimping	
on length	[mm]	Min. 32		Min. 32	
otion		**Portable crimping device**, battery-powered, for processing taped ferrules with function end, suitable for PVC insulated conductors (H05V-K), incl. battery and charger, CUTFOX 12 cable cutter, service tool for troubleshooting, and one strip of ferrules, packed in a robust case.			

		CF CRIMPHANDY 1,0	1212465	CF CRIMPHANDY 1,5	1212466
sions **W x H x L**	[mm]	43 x 70 x 205		43 x 70 x 205	
	[kg]	0.43		0.43	
ctor	[mm²]	1		1.5	
g cycle	[s]	< 2		< 2	
ng		Square crimping		Square crimping	
on length	[mm]	Min. 32		Min. 32	
otion		**Portable crimping device**, battery-powered, for processing taped ferrules with function end, suitable for PVC insulated conductors (H05V-K/H07V-K), incl. battery and charger, CUTFOX 12 cable cutter, service tool for troubleshooting, and one strip of ferrules, packed in a robust case.			

ories

rrules, 8 mm, with plastic sleeve, in accordance with DIN 46228-4: 1990-09
486F, UL-certified, 50 pieces per strip, 20 strips per Pcs./Pkt.

	c(UL)us		c(UL)us	
DIN 46228-4/UL 486F/NF C 63-023)	**AI 0,5-8 WH-S**	1212521		
(special color)	**AI 0,5-8 OG-S**	1212784		
IN 46228-4/UL 486F)			**AI 0,75-8 GY-S**	1212522
F C 63-023)			**AI 0,75-8 BU-S**	1212785
(special color)			**AI 0,75-8 WH-S**	1212783
N 46228-4/UL 486F/NF C 63-023)	**AI 1,0-8 RD-S**	1212523		
(special color)	**AI 1,0-8 YE-S**	1212782		
IN 46228-4/UL 486F/NF C 63-023)			**AI 1,5-8 BK-S**	1212524
ecial color)			**AI 1,5-8 RD-S**	1212781
ement battery for CF CRIMPHANDY..., Li-ion 7.4V; 0.68 Ah	**CF CRIMPHANDY/ACCU**			1212518
ement charger for CF CRIMPHANDY..., 100 … 240 V AC	**CF CRIMPHANDY/CHARGER**			1212519
g unit for CF CRIMPHANDY..., for copper wires from 0.5 ... 1.5 mm², eptacle tray	**CF CRIMPHANDY CUTTER**			1212520

...automatic stripping and crimping device

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

	Order No.	
...crimping device, 230 V version	**CF 3000-2,5**	1205477
...ped ferrules, 0.25 … 2.5 mm², sleeve length 8 mm		
...kits for 0.5 … 2.5 mm²		
...crimping device, 120 V version		
...ped ferrules, 0.25 … 2.5 mm², sleeve length 8 mm	**CF 3000-2,5 120 V**	1205516
...kits for 0.5 … 2.5 mm²		

...a			
...width/length/height	[mm]	165 / 320 / 300	
	[kg]	12	
	[mm²]/AWG	0.25 … 2.5/24 … 14	
...e	[s]	1.2	
		Trapezoidal	
...mption	[VA]	80	
...gth	[mm]	Min. 32	

...complete for CF 3000	**CF 3000-TOOLKIT 0,25**	1212376
...ped ferrules, 0.25/0.34 mm², sleeve length 8 mm		
...locator		
	CF 3000 LOC 0,25	1212377
	CF 3000 LOC 0,5	1205639
	CF 3000 LOC 0,75	1205642
	CF 3000 LOC 1,0	1205655
	CF 3000 LOC 1,5	1205668
	CF 3000 LOC 2,5	1205671
...blade		
...adjustable	**CF 3000 AB 0,25**	1212380
	CF 3000 AM 0,5	1205587
	CF 3000 AM 0,75	1205590
	CF 3000 AM 1,0	1205600
	CF 3000 AM 1,5	1205613
	CF 3000 AM 2,5	1205626

000 crimping device

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

Figure shows CF 1000-1,5

	Order No.	
g and crimping device	CF 1000-1,5	1208199
neumatic, for loose ferrules with insulating collar, 0.34 ... 4 mm² in accordance with DIN 46228-4		
version kits for 0.5 ... 1.5 mm² (stripping length: 6 ... 12 mm)		
g and crimping device	CF 1000-10	1212456
neumatic, for loose ferrules with insulating collar, 4 mm², 6 mm², and 10 mm²		
g length 10 ... 12 mm), without conversion kit		

cal data		
ions, width/length/height	[mm]	250 / 550 / 412
	[kg]	29
	[V]	100 ... 240
ncy	[Hz]	50 ... 60
sumption per compression	[l]	1.2
g cycle	[s]	1.5
g pressure	[kN]	10
g		Trapezoidal
n length	[mm]	Min. 32 (40 CF 1000-10)
essed air connection	[bar]	5-6

ories		
n kit for CF 1000-1,5		
4 mm², sleeve length 6 and 8 mm	CF 1000-TOOLKIT 0,34/6-8	1208226
sleeve length 6 ... 12 mm	CF 1000-TOOLKIT 2,5/6-12	1208242
leeve length 10 mm	CF 1000-TOOLKIT 4,0/10	1208271
n kit for CF 1000-10		
e ferrules with insulating collar		
leeve length 10 ... 12 mm	CF 1000-10-TOOLKIT 4/10-12	1212458
leeve length 12 mm	CF 1000-10-TOOLKIT 6/12	1212459
sleeve length 12 mm	CF 1000-10-TOOLKIT 10/12	1212460
ement knife, V-form, for CF 1000-1,5, 0.25 ... 2.5 mm²	CF 1000 EM	1205215
ve cover	CF 1000-COVER	1208306
ement knife, V-form, for CF 1000-1,5 and CF 1000-10, 4 mm²	CF 1000 EM4,0	1212663
ement knife, V-form, for CF 1000-10, 6 mm²	CF 1000-10 EM6,0	1212664
ement knife, V-form, for CF 1000-10, 10 mm²	CF 1000-10 EM10,0	1212665
n components		
essing Al...GB sleeves and conductors with thicker insulation		
g plate for Al...G, 0.5 ... 1.5 mm²	CF 1000 VEP1,5 GB	1206901
ceiver for Al...GB 0.5 mm² sleeves	CF 1000 LOC0,5 GB	1212907
ceiver for Al...GB 0.75 mm² sleeves	CF 1000 LOC0,75 GB	1212908
ceiver for Al...GB 1.0 mm² sleeves	CF 1000 LOC1,0 GB	1212909
ceiver for Al...GB 1.5 mm² sleeves	CF 1000 LOC1,5 GB	1212910
ement feeder bowl for CF 1000-1,5		
0.25 mm² ... 0.34 mm²	CF 1000 SORT0,34	1206890

...crimping device

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

		Order No.	
...ice, 230 V version, with foot switch	CF 500-230 V		1208348
...ice, 120 V version, with foot switch	CF 500-120 V		1208351
...a			
...width/length/height	[mm]	140 / 220 / 320	
	[kg]	10	
...mption	[VA]	160	
...ssure/working cycle	[kN]/[s]	10 / 1	
...r			
...nd AI...), 0.25 ... 6 mm²	CF 500/DIE AI 6		1212238
...nd AI...) 10, 16, and 25 mm²	CF 500/DIE AI 25		1212239
...nd AI ...) 35 and 50 mm²	CF 500/DIE AI 50		1212261
...(AI-TWIN...) 2 x 4, 2 x 6, and 2 x 10 mm²	CF 500/DIE AI-TWIN 10		1212262
...R TWIN	CRIMPFOX 16R TWIN/DIE		1212846
...lugs (RCI... and FCI...) 0.14 ... 1.5 mm²	CF 500/DIE RCI 1,5		1212263
...lugs (RCI... and FCI...) 0.5 ... 6 mm²	CF 500/DIE RCI 6		1212240
...ble lugs (RC..., FC...) 0.5 ... 10 mm²	CF 500/DIE RC 10		1212244
...ble lugs (RC..., FC...) 16 mm²	CF 500/DIE RC 16		1212257
...o-on sleeves and slip-on blade connectors (SCF... and SCM...) 0.1 ... 1.5 mm²	CF 500/DIE SC 1,5		1212241
...o-on sleeves and slip-on blade connectors (SCF... and SCM...) 0.5 ... 6 mm²	CF 500/DIE SC 6		1212242
...s with pin diameters of 2.5 and 4.0 mm (CK 2,5... and CK 4,0) 0.5 ... 4 mm²	CF 500/DIE TC 4		1212237
...s (CK 4,0) 6 ... 10 mm²	CF 500/DIE TC 10		1212260
...... plug-in bridges	CF 500/DIE FBS		1212461
...lugs (C-RCI..., C-FCI,...), asymmetrical crimping shape 0.5 ... 6 mm²	CF 500/DIE RCI 6-1		1212691
... model MC 4, 2.5 ... 6 mm²	CF 500/DIE SR 6-2		1212692
...gs 0.34 ... 4 mm²	CF 500/DIE RCT 4		1212243
...gs 4 ... 10 mm², 4 mm²: outer Ø 5 mm, inner Ø 3 mm, 6 mm²: outer Ø 6.5 mm, ...n, 10 mm²: outer Ø 7 mm, inner Ø 4.5 mm	CF 500/DIE RCT 10-1		1212245
...gs 4 ... 10 mm², 4 mm²: outer Ø 5 mm, inner Ø 3 mm, 6 mm²: outer Ø 6.5 mm, ...n, 10 mm²: outer Ø 6 mm, inner Ø 4.5 mm	CF 500/DIE RCT 10-2		1212246
...gs 4 ... 10 mm², 4 mm²: outer Ø 5 mm, inner Ø 3 mm, 6 mm²: outer Ø 6 mm, ...10 mm²: outer Ø 8 mm, inner Ø 5 mm	CF 500/DIE RCT 10-3		1212256
...r (positioning tool) for			
...(SCF...) W: 2.8 m, L: 5 mm	CF 500/LOC SCF 2,8/1,5		1212249
...(SCF...) W: 4.8 mm	CF 500/LOC SCF 4,8/2,5		1212248
...(SCF...) W: 0.5 ... 2.5 mm²	CF 500/LOC SCF 6,3/2,5		1212264
...(SCF...) W: 6.3 mm	CF 500/LOC SCF 6,3/6		1212247
...ctive cover for			
...6 mm² (AI 6...)	CF 500/COV AI 6		1212254
...(AI-TWIN...)	CF 500/COV AI-TWIN		1212266
...lugs (RCI...)	CF 500/COV RCI		1212255
...gs 0.5 ... 10 mm²	CF 500/COV RC 10		1212252
...gs 0.34 ... 2.5 mm²	CF 500/COV RCT 2,5		1212253
...and slip-on blade connectors SC 1.5... and SC 6	CF 500/COV SC		1212251

ction range mm²	0.14 … 10 26 … 8	0.14 … 6 26 … 10	0.25 … 50 24 … 1	0.14 … 6 26 … 10	0.25 … 6 24 … 10	0.1 … 50 26 … 1
or variance	+++	+++++	+++++	+++++	+++	+++++
width handle	+++++	++++	+++	+++	+++	++
width die	+++++	++++	+++++	+++++	+++++	+++++
e	+++++	+++++	+++	++++	++++	+++
n force	+++++	++++	+++++	++++	++++	+++
ics	+++++	++++	+++++	+++++	+++	+++
ratio	+++++	++++	+++++	++++	++++	++++
n	+++	+++	+++	+++	+++	+++
serial number	Yes	Yes	Yes	Yes	Yes	No
lock/unlockable without tools	Yes/yes	Yes/yes	Yes/yes	Yes/yes	Yes/yes	Yes/yes
g tool	(*2	(*1	(*1	(*1	(*2	(*2
ver (impact protection)	Yes	No	No	No	No	Yes
g eye fall protection	No	No	Yes	Yes	Yes	Yes
p (pressure pad)	Yes	No	Yes	Yes	No	No
upper/lower handle	Soft/hard	Soft/hard	Soft/hard	Soft/hard	Soft/soft	Hard/hard
die changing	No	No	No	No	No	Yes
onitoring	No	No	No	No	No	No
ic cross section setting	Yes	(*1	No	No	Yes	No
oducts processed	No	No	No	No	No	No
g pressure adjustable	(*2	Yes	Yes	Yes	Yes	No
d operation	Yes	Yes	Yes	Yes	Yes	Yes
d operation	No	No	Yes	No	No	Yes
mechanism	No	No	No	No	No	No
for right-handers/left-handers	Yes/yes	Yes/yes	Yes/yes	Yes/yes	Yes/yes	Yes/yes
direction connectors	Side	Side and frontal (*1	Side	Side and frontal (*1	Side and frontal (*1	Side
g principle	Centering	Default	Default	Default	In parallel	In parallel

ding on the die   (*2 = technically not necessary

	4 … 16 11 … 5	10 … 70 7 … 2/0	10 … 50 8 … 1	6 … 120 10 … 4/0	2.5 … 6 14 … 10	RJ…	0.5 … 2.5 20 … 14
	+	+	++++	++++	++	++	++
	+	+	++	+	+	++++	+++
	+++++	++++	++++	++++	+++++	+++++	+++
	++	+	++	+	++	++++	++++
	+++	+++	++++	++++	+++	++++	++++
	+++	++	+++	++	+++	++++	++++
	++	+	+	+	++	++++	+++++
	+++	+++	+++	+++	+++++	+++++	+++
	Yes	Yes	Yes	Yes	Yes	Yes	No
	Yes/yes	Yes/no	Yes/yes	Yes/yes	Yes/yes	Yes/yes	Yes/no
	(*2	(*2	(*2	(*2	Yes	(*2	Yes
	No	No	No	No	No	No	No
	No	No	No	No	No	No	No
	No	No	No	No	No	No	No
	Soft/soft	Hard/hard	Hard/hard	Hard/hard	Soft/soft	Hard/hard	Hard/hard
	No	No	Yes	Yes	No	Yes	No
	No	No	No	No	No	No	No
	No	No	No	No	No	No	No
	No	No	No	No	No	No	Yes
	No	No	No	No	Yes	Yes	No
	No	No	Yes	No	No	Yes	Yes
	Yes	Yes	No	Yes	Yes	No	No
	No	No	Yes	Yes	No	No	No
	Yes/yes	Yes/yes	Yes/yes	Yes/yes	Yes/yes	Yes/yes	Yes/yes
	Side	Side	Side	Side	Side	Side	Side
	Default	In parallel	In parallel	In parallel	In parallel	In parallel	In parallel

Cross section	Stripping length (reference value)	Designation	Order No.	CRIMPFOX CENTRUS 6S 1213144	CRIMPFOX CENTRUS 10S 1213154	CRIMPFOX CENTRUS 6H 1213146	CRIMPFOX CENTRUS 10H 1213156	CRIMPFOX 2,5-M 1212719	CRIMPFOX 6-M 1212720
0.25 mm²	5	A 0,25-5	3202465[2)	●	●	●	●	●	●
	7	A 0,25-7	3202478[2)	●	●	●	●	●	●
0.34 mm²	7	A 0,34-7	3009202[2)	●	●	●	●	●	●
0.5 mm²	6	A 0,5-6	3200218	●	●	●	●	●	●
	8	A 0,5-8	3202481	●	●	●	●	●	●
	10	A 0,5-10	3202494	●	●	●	●	●	●
0.75 mm²	7	A 0,75-6	3200221	●	●	●	●	●	●
	8	A 0,75-8	3202504	●	●	●	●	●	●
	10	A 0,75-10	3200234	●	●	●	●	●	●
1.00 mm²	6	A 1-6	3200247	●	●	●	●	●	●
	8	A 1-8	3202517	●	●	●	●	●	●
	10	A 1-10	3200250	●	●	●	●	●	●
1.50 mm²	7	A 1,5-7	3200263	●	●	●	●	●	●
	10	A 1,5-10	3200276	●	●	●	●	●	●
	12	A 1,5-12	3202588	●	●	●	●	●	●
	15	A 1,5-15	3202591	●	●	●	●	●	●
	18	A 1,5-18	3202601	●	●	●	●	●	●
2.5 mm²	7	A 2,5-7	3200289	●	●	●	●	●	●
	12	A 2,5-12	3200292	●	●	●	●	●	●
	18	A 2,5-18	3202821	●	●	●	●		●
4 mm²	9	A 4-9	3200302	●	●	●	●		●
	12	A 4-12	3200315	●	●	●	●		●
	18	A 4-18	3202834	●	●	●	●		●
6 mm²	10	A 6-10	3202520	●	●	●	●		●
	12	A 6-12	3200328	●	●	●	●		●
10 mm²	12	A 10-12	3200331		●		●		
	18	A 10-18	3200344		●		●		
16 mm²	12	A 16-12	3200425						
25 mm²	12	A 25-12	3200357						
	15	A 25-15	3200360						
	18	A 25-18	3200373						
	20	A 25-20[2)	3200386						
	40	A 25-40[2)	3241238						
35 mm²	18	A 35-18	3200399						
	20	A 35-20	3200409						

CRIMPFOX 6T 1212037	CRIMPFOX 6T-F 1212038	CRIMPFOX 6S-F 1212043	CRIMPFOX 10 1212721	CRIMPFOX 25R 1212039	CRIMPFOX 50R 1212041	CRIMPFOX 16R TWIN 1212845	CRIMPFOX 4 IN 1 1200101	CRIMPFOX-M + ferrules dies 1212072	CRIMPFOX-C120 + ferrules dies 1212318
				cULus	cULus	cULus	cULus		
•	•							•	
•	•							•	
•	•							•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•						•	
•	•	•	•					•	
•	•	•	•					•	
•	•	•	•					•	
•	•	•	•					•	
•	•	•	•					•	
			•	•				•	
			•	•				•	
				•				•	
				•				•	
				•				•	
				•				•	
				•				•	
				•				•	
				•				•	
					•			•	
					•			•	

Cross section	Stripping length (reference value)	Designation	Order No.	Color	CRIMPFOX CENTRUS 6S 1213144	CRIMPFOX CENTRUS 10S 1213154	CRIMPFOX CENTRUS 6H 1213146	CRIMPFOX CENTRUS 10H 1213156	CRIMPFOX 2,5-M 1212719
				Crimping shape					
0.14 mm²	10	AI 0,14-8 GY-1000[2]	3203011	Gray	●	●	●	●	
0.25 mm²	8	AI 0,25-6 BU[2]	3203040	Blue	●	●	●	●	●
	8	AI 0,25-6 YE[2]	3203024	Yellow	●	●	●	●	●
	10	AI 0,25-8 BU[2]	3201364	Blue	●	●	●	●	●
	10	AI 0,25-8 YE[2]	3203037	Yellow	●	●	●	●	●
	12	AI 0,25-10 YE[2]	3241128	Yellow	●	●	●	●	●
	14	AI 0,25-12 BU[2]	3200632	Blue	●	●	●	●	●
0.34 mm²	8	AI 0,34-6 TQ[2]	3203053	Turquoise	●	●	●	●	●
	10	AI 0,34-8 TQ[2]	3203066	Turquoise	●	●	●	●	●
	12	AI 0,34-10 TQ[2]	3241129	Turquoise	●	●	●	●	●
	14	AI 0,34-12 TQ[2]	3200645	Turquoise	●	●	●	●	●
0.5 mm²	9	AI 0,5-6 OG	3201301	Orange	●	●	●	●	●
	9	AI 0,5-6 WH	3200687	White	●	●	●	●	●
	11	AI 0,5-8 OG	3201123	Orange	●	●	●	●	●
	11	AI 0,5-8 OG-1000	3202902	Orange	●	●	●	●	●
	11	AI 0,5-8 WH	3200014	White	●	●	●	●	●
	11	AI 0,5-8 WH-1000	3200881	White	●	●	●	●	●
	13	AI 0,5-10 OG	3241126	Orange	●	●	●	●	●
	13	AI 0,5-10 WH	3201275	White	●	●	●	●	●
	15	AI 0,5-12 WH	3200506	White	●	●	●	●	●
	11	AI 0,5-8 WH-GB	1208966	White	●	●	●	●	●
	13	AI 0,5-10 WH-GB	3203150	White	●	●	●	●	●
	11	AI-WM 0,5-8 WH[2]	3240542	White	●	●	●	●	●
0.75 mm²	9	AI 0,75-6 GY	3200690	Gray	●	●	●	●	●
	9	AI 0,75-6 WH	3201314	White	●	●	●	●	●
	11	AI 0,75-8 BU	3200027	Blue	●	●	●	●	●
	11	AI 0,75-8 GY	3200519	Gray	●	●	●	●	●
	11	AI 0,75-8 GY-1000	3200894	Gray	●	●	●	●	●
	11	AI 0,75-8 WH	3201110	White	●	●	●	●	●
	13	AI 0,75-10 GY	3201288	Gray	●	●	●	●	●
	13	AI 0,75-10 GY-1000	3203118	Gray	●	●	●	●	●
	15	AI 0,75-12 GY	3200849	Gray	●	●	●	●	●
	11	AI 0,75-8 GY-GB	1208979	Gray	●	●	●	●	●
	13	AI 0,75-10 GY-GB-1000	3203299	Gray	●	●	●	●	●
	13	AI 0,75-10 GY-GB	3203163	Gray	●	●	●	●	●
	11	AI-WM 0,75-8 GY[2]	3240543	Gray	●	●	●	●	●
	9	AI 1-6 RD	3200742	Red	●	●	●	●	●
	9	AI 1-6 YE	3201327	Yellow	●	●	●	●	●
	11	AI 1-8 RD	3200030	Red	●	●	●	●	●
	11	AI 1-8 RD-1000	3200904	Red	●	●	●	●	●
	11	AI 1-8 YE	3201097	Yellow	●	●	●	●	●

CRIMPFOX 6 1212034	CRIMPFOX 6T 1212037	CRIMPFOX 6T-F 1212038	CRIMPFOX 6S-F 1212043	CRIMPFOX 10 1212721	CRIMPFOX 25R 1212039	CRIMPFOX 50R 1212041	CRIMPFOX 16R TWIN 1212845	CRIMPFOX 4 IN 1 1200101	CRIMPFOX-M + ferrules dies 1212072	CRIMPFOX-C120 + ferrules dies 1212318	
cULus					cULus	cULus	cULus	cULus			
●	●	●							●		
●	●	●							●		
●	●	●							●		
●	●	●							●		
●	●	●							●		
●	●	●							●		
	●	●							●		
	●	●							●		
	●	●							●		
	●	●							●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		
●	●	●	●						●		

Cross section	Stripping length (reference value)	Designation	Order No.	Color	CRIMPFOX CENTRUS 6S 1213144	CRIMPFOX CENTRUS 10S 1213154	CRIMPFOX CENTRUS 6H 1213146	CRIMPFOX CENTRUS 10H 1213156	CRIMPFOX 2,5-M 1212719
1.5 mm²	9	AI 1,5-6 BK	3200755	Black	●	●	●	●	●
	11	AI 1,5-8 BK	3200043	Black	●	●	●	●	●
	11	AI 1,5-8 BK-1000	3200917	Black	●	●	●	●	●
	11	AI 1,5-8 RD	3201136	Red	●	●	●	●	●
	11	AI 1,5-8 RD-1000	3202928	Red	●	●	●	●	●
	13	AI 1,5-10 BK	3200195	Black	●	●	●	●	●
	13	AI 1,5-10 BK-1000	3203134	Black	●	●	●	●	●
	15	AI 1,5-12 BK	3201482	Black	●	●	●	●	●
	21	AI 1,5-18 BK	3200056	Black	●	●	●	●	●
	21	AI 1,5-18 RD	3241125	Red	●	●	●	●	●
	11	AI 1,5-8 BK-GB-1000	3202892	Black	●	●	●	●	●
	13	AI 1,5-10 BK-GB-1000	1208872	Black	●	●	●	●	●
	11	AI-WM 1,5-8 WH[2]	3240545	White	●	●	●	●	●
	15	AI-XL 1,5-8 BK	3201916	Black	●	●	●	●	●
	13	AI-XL 1,5-10 BK	3201974	Black	●	●	●	●	●
2.5 mm²	11	AI 2,5-8 BU	3200522	Blue	●	●	●	●	●
	11	AI 2,5-8 BU-1000	3200920	Blue	●	●	●	●	●
	11	AI 2,5-8 GY	3200069	Gray	●	●	●	●	●
	13	AI 2,5-10 BU	3202533	Blue	●	●	●	●	●
	13	AI 2,5-10 BU-1000	3203147	Blue	●	●	●	●	●
	15	AI 2,5-12 BU	3200962	Blue	●	●	●	●	●
	15	AI 2,5-12 GY	3200205	Gray	●	●	●	●	●
	21	AI 2,5-18 BU	3200580	Blue	●	●	●	●	●
	21	AI 2,5-18 GY	3200072	Gray	●	●	●	●	●
	11	AI-WM 2,5-8 BU[2]	3240572	Blue	●	●	●	●	●
	13	AI-XL 2,5-8 BU	3201929	Blue	●	●	●	●	●
	17	AI-XL 2,5-12 BU	3201987	Blue	●	●	●	●	●
4 mm²	13	AI 4-10 GY	3200535	Gray	●	●	●	●	
	13	AI 4-10 OG	3200085	Orange	●	●	●	●	
	15	AI 4-12 GY	3200959	Gray	●	●	●	●	
	15	AI 4-12 OG	3200438	Orange	●	●	●	●	
	21	AI 4-18 GY	3200593	Gray	●	●	●	●	
	21	AI 4-18 OG	3200098	Orange	●	●	●	●	
	16	AI-XL 4-10 GY	3201932	Gray	●	●	●	●	
6 mm²	15	AI 6-12 BK	3201107	Black	●	●	●	●	
	15	AI 6-12 GN	3200108	Green	●	●	●	●	
	15	AI 6-12 YE	3200548	Yellow	●	●	●	●	
	21	AI 6-18 GN	3200111	Green	●	●	●	●	
	21	AI 6-18 YE	3200603	Yellow	●	●	●	●	

CRIMPFOX 6 1212034	CRIMPFOX 6T 1212037	CRIMPFOX 6T-F 1212038	CRIMPFOX 6S-F 1212043	CRIMPFOX 10 1212721	CRIMPFOX 25R 1212039	CRIMPFOX 50R 1212041	CRIMPFOX 16R TWIN 1212845	CRIMPFOX 4 IN 1 1200101	CRIMPFOX-M + ferrules dies 1212072	CRIMPFOX-C120 + ferrules dies 1212318	
c UL us					c UL us	c UL us	c UL us	c UL us			
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•						•		
•	•	•	•	•					•		
•	•	•	•	•					•		
•	•	•	•	•					•		
•	•	•	•	•					•		
•	•	•	•	•					•		
•	•	•	•	•					•		
•	•	•	•	•					•		
•	•	•	•	•					•		
•	•	•	•	•					•		
•	•	•	•	•					•		
•	•	•	•	•					•		

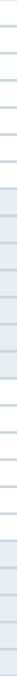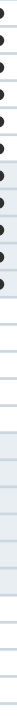| Cross section	Stripping length	Designation	Order No.	Colors	CRIMPFOX CENTRUS 6S 1213144	CRIMPFOX CENTRUS 10S 1213154	CRIMPFOX CENTRUS 6H 1213146	CRIMPFOX CENTRUS 10H 1213156	CRIMPFOX 2,5-M 1212719	CRIMPFOX 6-M 1212720
10 mm²	15	AI 10-12 TR[2]	1200128	Transparent		●		●		
	21	AI 10-18 BN	3200137	Brown		●		●		
	21	AI 10-18 RD	3200616	Red		●		●		
	18	AI-XL 10-12 RD	3201958	Red		●		●		
16 mm²	16	AI 16-12 BU	3200564	Blue						
	16	AI 16-12 GN	3201152	Green						
	16	AI 16-12 IV[2]	3201181	Ivory						
	16	AI 16-12 WH	3200140	White						
	22	AI 16-18 BU	3200629	Blue						
	22	AI 16-18 GN	3201330	Green						
	22	AI 16-18 WH	3200153	White						
	18	AI-XL 16-12 BU[2]	3201961	Blue						
25 mm²	20	AI 25-16 BK	3200412	Black						
	20	AI 25-16 BN	3201084	Brown						
	20	AI 25-16 YE	3200577	Yellow						
	22	AI 25-18 YE	3201505	Yellow						
	26	AI 25-22 BK	3200739	Black						
	26	AI 25-22 YE	3200700	Yellow						
35 mm²	20	AI 35-16 BE	3201071	Beige						
	20	AI 35-16 RD	3200441	Red						
	22	AI 35-18 RD	3201495	Red						
	29	AI 35-25 RD	3200713	Red						
50 mm²	25	AI 50-20 BU	3200454	Blue						
	25	AI 50-20 OL	3201178	Olive						
	30	AI 50-25 BU	3200726	Blue						
	30	AI 50-25 BK[2]	3240678	Black						
70 mm²	25	AI 70-20 YE[2]	3201848	Yellow						
95 mm²	30	AI 95-25 RD[2]	3201853	Red						
120 mm²	32	AI120-27 BU[2]	3201822	Blue						
2 x 0.5 mm²	11	AI-TWIN 2 x 0,5-8 WH	3200933	White	●	●	●	●	●	●
	13	AI-TWIN 2 x 0,5-10 WH	3203309	White	●	●	●	●	●	●
2 x 0.75 mm²	12	AI-TWIN 2 x 0,75-8 GY	3200807	Gray	●	●	●	●	●	●
	12	AI-TWIN 2 x 0,75-8 BU	3240668	Blue	●	●	●	●	●	●
	14	AI-TWIN 2 x 0,75-10 GY	3200975	Gray	●	●	●	●	●	●
2 x 1 mm²	12	AI-TWIN 2 x 1-8 RD	3200810	Red	●	●	●	●	●	●
	14	AI-TWIN 2 x 1-10 RD	3200988	Red	●	●	●	●	●	●
	16	AI-TWIN 2 x 1-12 RD	3240679	Red	●	●	●	●	●	●
2 x 1.5 mm²	12	AI-TWIN 2 x 1,5-8 BK	3200823	Black	●	●	●	●	●	●
	14	AI-TWIN 2 x 1,5-10 BK[2]	3201534	Black	●	●	●	●	●	●
	16	AI-TWIN 2 x 1,5-12 BK	3200991	Black	●	●	●	●	●	
2 x 2.5 mm²	14	AI-TWIN 2 x 2,5-10 GY	3240669	Gray	●	●	●	●		●
	14	AI-TWIN 2 x 2,5-10 BU	3200836	Blue	●	●	●	●		●
	17	AI-TWIN 2 x 2,5-13 BU	3200878	Blue	●	●	●	●		●
2 x 4 mm²	17	AI-TWIN 2 x 4-12 GY	3201000	Gray	●	●	●	●		
2 x 6 mm²	19	AI-TWIN 2 x 6-14 YE	3201013	Yellow						
2 x 10 mm²	19	AI-TWIN 2 x 10-14 RD	3201026	Red						
2 x 16 mm²	21	AI-TWIN 2 x 16-16 BU	3202847	Blue						
0,5 mm²	11	AI 0,5-8 WH-S1	1200104	White						

CRIMPFOX 6T 1212037	CRIMPFOX 6T-F 1212038	CRIMPFOX 6S-F 1212043	CRIMPFOX 10 1212721	CRIMPFOX 25R 1212039	CRIMPFOX 50R 1212041	CRIMPFOX 16R TWIN 1212845	CRIMPFOX 4 IN 1 1200101	CRIMPFOX-M + ferrules dies 1212072	CRIMPFOX-C120 + ferrules dies 1212318	

Cross section	Stripping length (reference value)	Designation	Order No.	CRIMPFOX-RC 2,5 1212063	CRIMPFOX-RC 2,5-M 1212723	CRIMPFOX-RC 6 1212710	CRIMPFOX-RC 6-M 1212724	CRIMPFOX-RC 10 1212061	CRIMPFOX-RC 25 1212065
0.5 … 1 mm²	7	C-RC 1/M2,5 DIN	3240069	●	●	●	●		
	7	C-RC 1/M3 DIN	3240070	●	●	●	●		
	7	C-RC 1/M3,5 DIN	3240071	●	●	●	●		
	7	C-RC 1/M4 DIN	3240072	●	●	●	●		
	7	C-RC 1/M5 DIN	3240073	●	●	●	●		
	7	C-RC 1/M6 DIN	3240074	●	●	●	●		
	7	C-RC 1/M8 DIN	3240075	●	●	●	●		
1 … 2.5 mm²	8	C-RC 2,5/M10 DIN	3240082	●	●	●	●		
	8	C-RC 2,5/M3 DIN	3240076	●	●	●	●		
	8	C-RC 2,5/M3,5 DIN	3240077	●	●	●	●		
	8	C-RC 2,5/M4 DIN	3240078	●	●	●	●		
	8	C-RC 2,5/M5 DIN	3240079	●	●	●	●		
	8	C-RC 2,5/M6 DIN	3240080	●	●	●	●		
	8	C-RC 2,5/M8 DIN	3240081	●	●	●	●		
2.6 … 6 mm²	9	C-RC 6/M10 DIN	3240087			●	●	●	
	9	C-RC 6/M12 DIN	3240088			●	●	●	
	9	C-RC 6/M4 DIN	3240083			●	●	●	
	9	C-RC 6/M5 DIN	3240084			●	●	●	
	9	C-RC 6/M6 DIN	3240085			●	●	●	
	9	C-RC 6/M8 DIN	3240086			●	●	●	
- 10 mm²	11	C-RC 10/M10 DIN	3240092					●	●
	11	C-RC 10/M12 DIN	3240093					●	●
	11	C-RC 10/M5 DIN	3240089					●	●
	11	C-RC 10/M6 DIN	3240090					●	●
	11	C-RC 10/M8 DIN	3240091					●	●
- 16 mm²	13	C-RC 16/M10 DIN	3240097						●
	13	C-RC 16/M12 DIN	3240098						●
	13	C-RC 16/M5 DIN	3240094						●
	13	C-RC 16/M6 DIN	3240095						●
	13	C-RC 16/M8 DIN	3240096						●
- 25 mm²	14	C-RC 25/M10 DIN	3240102						●
	14	C-RC 25/M12 DIN	3240103						●
	14	C-RC 25/M16 DIN	3240104						●
	14	C-RC 25/M5 DIN	3240099						●
	14	C-RC 25/M6 DIN	3240100						●
	14	C-RC 25/M8 DIN	3240101						●
- 35 mm²	15	C-RC 35/M10 DIN	3240107						
	15	C-RC 35/M12 DIN	3240108						
	15	C-RC 35/M16 DIN	3240109						
	15	C-RC 35/M6 DIN	3240105						
	15	C-RC 35/M8 DIN	3240106						
- 50 mm²	19	C-RC 50/M10 DIN	3240112						
	19	C-RC 50/M12 DIN	3240113						
	19	C-RC 50/M16 DIN	3240114						
	19	C-RC 50/M6 DIN	3240110						
	19	C-RC 50/M8 DIN	3240111						

Designation — Crimping shape

CRIMPFOX-RCI 2,5-M 1212728	CRIMPFOX-RCI 6 1212057	CRIMPFOX-RCI 6-1 1212059	CRIMPFOX-RCI 6-M 1212730	CRIMPFOX-SC 1,5 1212048	CRIMPFOX-SC 1,5-M 1212725	CRIMPFOX-SC 6 1212050	CRIMPFOX-M + dies 1212072	CRIMPFOX-C120 + dies 1212318	CRIMPFOX-C50 + dies 1212340
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•	•	
							•	•	
							•	•	
							•	•	
							•	•	
							•	•	
							•	•	
							•	•	
							•	•	
								•	
								•	
								•	
								•	
								•	
								•	•
								•	•
								•	•
								•	•
								•	•
								•	•
								•	•
								•	•
								•	
								•	
								•	

d of application crimping tools/connectors

				CRIMPFOX-RC 2,5 1212063	CRIMPFOX-RC 2.5-M 1212723	CRIMPFOX-RC 6 1212710	CRIMPFOX-RC 6-M 1212724	CRIMPFOX-RC 10 1212061	CRIMPFOX-RC 25 1212065
Designation									
Crimping shape				◗	◗	◗	◗	◗	◗
Cross section	**Stripping length**	**Designation**	**Order No.**						
0.5 … 1.5 mm²	7	C-RCI 1,5/M3	3240016						
	7	C-RCI 1,5/M3,5	3240017						
	7	C-RCI 1,5/M4	3240018						
	7	C-RCI 1,5/M5	3240019						
	7	C-RCI 1,5/M6	3240020						
1.5 … 2.5 mm²	8	C-RCI 2,5/M3	3240021						
	8	C-RCI 2,5/M3,5	3240022						
	8	C-RCI 2,5/M4	3240023						
	8	C-RCI 2,5/M5	3240024						
	8	C-RCI 2,5/M6	3240025						
	8	C-RCI 2,5/M8	3240026						
4 … 6 mm²	9	C-RCI 6/M10	3240031						
	9	C-RCI 6/M4	3240027						
	9	C-RCI 6/M5	3240028						
	9	C-RCI 6/M6	3240029						
	9	C-RCI 6/M8	3240030						
- 10 mm²	11	C-RCI 10/M10	3240222						
	11	C-RCI 10/M5	3240219						
	11	C-RCI 10/M6	3240220						
	11	C-RCI 10/M8	3240221						
0.5 … 1.5 mm²	7	C-RCEI 1,5/M3	3241201						
	7	C-RCEI 1,5/M3,5	3241202						
	7	C-RCEI 1,5/M4	3241203						
	7	C-RCEI 1,5/M5	3241204						
	7	C-RCEI 1,5/M6	3241205						
1.5 … 2.5 mm²	8	C-RCEI 2,5/M3,5	3241206						
	8	C-RCEI 2,5/M4	3241207						
	8	C-RCEI 2,5/M5	3241208						
	8	C-RCEI 2,5/M6	3241209						
	8	C-RCEI 2,5/M8	3241210						
4 … 6 mm²	9	C-RCEI 6/M10	3241214						
	9	C-RCEI 6/M5	3241211						
	9	C-RCEI 6/M6	3241212						
	9	C-RCEI 6/M8	3241213						
0.5 … 1.5 mm²	7	C-FC 1,5/M3	3240137	●	●	●	●		
	7	C-FC 1,5/M3,5	3240138	●	●	●	●		
	7	C-FC 1,5/M4	3240139	●	●	●	●		
	7	C-FC 1,5/M5	3240140	●	●	●	●		
	7	C-FC 1,5/M6	3240141	●	●	●	●		
1.5 … 2.5 mm²	8	C-FC 2,5/M3	3240142	●	●	●	●		
	8	C-FC 2,5/M3,5	3240143	●	●	●	●		
	8	C-FC 2,5/M4	3240144	●	●	●	●		
	8	C-FC 2,5/M5	3240145	●	●	●	●		
	8	C-FC 2,5/M6	3240146	●	●	●	●		
	8	C-FC 2,5/M8	3240147	●	●	●	●		
2.6 … 6 mm²	9	C-FC 6/M4	3240148				●	●	●
	9	C-FC 6/M5	3240149				●	●	●
	9	C-FC 6/M6	3240150				●	●	●
	9	C-FC 6/M8	3240151				●	●	●
	7	C-FCI 1,5/M3	3240032						
	7	C-FCI 1,5/M3,5	3240033						

CRIMPFOX-RCI 2,5-M 1212728	CRIMPFOX-RCI 6 1212057	CRIMPFOX-RCI 6-1 1212059	CRIMPFOX-RCI 6-M 1212730	CRIMPFOX-SC 1,5 1212048	CRIMPFOX-SC 1,5-M 1212725	CRIMPFOX-SC 6 1212050	CRIMPFOX-M + dies 1212072	CRIMPFOX-C120 + dies 1212318	CRIMPFOX-C50 + dies 1212340
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
								•	•
								•	•
								•	•
								•	•
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
							•		
•	•	•	•				•		
•	•	•	•				•		

				CRIMPFOX-RC 2,5 1212063	CRIMPFOX-RC 2,5-M 1212723	CRIMPFOX-RC 6 1212710	CRIMPFOX-RC 6-M 1212724	CRIMPFOX-RC 10 1212061	CRIMPFOX-RC 25 1212065
Cross section	**Stripping length (reference)**	**Designation**	**Order No.**						
1.5 … 2.5 mm²	8	C-FCI 2,5/M5	3240040						
	8	C-FCI 2,5/M6	3240041						
4 … 6 mm²	9	C-FCI 6/M4	3240042						
	9	C-FCI 6/M5	3240043						
	9	C-FCI 6/M6	3240044						
	9	C-FCI 6/M8	3240045						
0.5 … 1.5 mm²	7	C-PCEI 1,5/2	3241215						
1.5 … 2.5 mm²	8	C-PCEI 2,5/2	3241216						
4 … 6 mm²	9	C-PCEI 6/2	3241217						
0.5 … 1.5 mm²	7	C-PCI 1,5/2	3240064						
1.5 … 2.5 mm²	8	C-PCI 2,5/2	3240066						
4 … 6 mm²	9	C-PCI 6/2,7	3240068						
0.5 … 1.5 mm²	7	C-BCI 1,5/2,8	3240015						
	7	C-BCI 1,5/4,6	3240568						
1.5 … 2.5 mm²	8	C-BCI 2,5/2,8	3240046						
	8	C-BCI 2,5/4,6	3240569						
4 … 6 mm²	9	C-BCI 6/2,8	3240047						
	9	C-BCI 6/4,6	3240570						
0.5 … 1.5 mm²	7	C-BCSI 1,5/9 x 2,8	3240531						
1.5 … 2.5 mm²	8	C-BCSI 2,5/9 x 2,8	3240532						
4 … 6 mm²	9	C-BCSI 6/10 x 2,8	3240546						
	9	C-BCSI 6/18 x 4,5	3240533						
0.5 … 1 mm²	7	C-SCF 1/2,8 x 0,5	3240152						
	7	C-SCF 1/2,8 x 0,8	3240153						
0.5 … 1.5 mm²	7	C-SCF 1,5/4,8 x 0,5	3240154						
	7	C-SCF 1,5/4,8 x 0,8	3240155						
	7	C-SCF 1,5/6,3 x 0,8	3240156						
1.5 … 2.5 mm²	8	C-SCF 2,5/4,8 x 0,5	3240157						
	8	C-SCF 2,5/4,8 x 0,8	3240158						
	8	C-SCF 2,5/6,3 x 0,8	3240159						
4 … 6 mm²	9	C-SCF 6/6,3 x 0,8	3240160						
0.5 … 1.5 mm²	7	C-SCFFI 1,5/2,8 x 0,5	3240534						
	7	C-SCFFI 1,5/2,8 x 0,8	3240535						
	7	C-SCFFI 1,5/4,8 x 0,5	3240536						
	7	C-SCFFI 1,5/4,8 x 0,8	3240537						
	7	C-SCFFI 1,5/6,3 x 0,8	3240538						
1.5 … 2.5 mm²	8	C-SCFFI 2,5/4,8 x 0,5	3240539						
	8	C-SCFFI 2,5/4,8 x 0,8	3240540						
	8	C-SCFFI 2,5/6,3 x 0,8	3240547						
4 … 6 mm²	9	C-SCFFI 6/6,3 x 0,8	3240541						
0.5 … 1.5 mm²	7	C-SCFI 1,5/2,8 x 0,5	3240048						
	7	C-SCFI 1,5/2,8 x 0,8	3240049						
	7	C-SCFI 1,5/4,8 x 0,5	3240050						
	7	C-SCFI 1,5/4,8 x 0,8	3240051						
	7	C-SCFI 1,5/6,3 x 0,8	3240052						
1.5 … 2.5 mm²	8	C-SCFI 2,5/4,8 x 0,5	3240053						
	8	C-SCFI 2,5/4,8 x 0,8	3240054						
	8	C-SCFI 2,5/6,3 x 0,8	3240055						
4 … 6 mm²	9	C-SCFI 6/6,3 x 0,8	3240056						
0.5 … 1.5 mm²	7	C-SCFMI 1,5/6,3 x 0,8	3240529						
1.5 … 2.5 mm²	8	C-SCFMI 2,5/6,3 x 0,8	3240530						
0.5 … 1.5 mm²	7	C-SCM 1,5/6,3 x 0,8	3240161						
1.5 … 2.5 mm²	8	C-SCM 2,5/6,3 x 0,8	3240162						
0.5 … 1.5 mm²	7	C-SCMI 1,5/6,3 x 0,8	3240059						

CRIMPFOX-RCI 2,5-M 1212728	CRIMPFOX-RCI 6 1212057	CRIMPFOX-RCI 6-1 1212059	CRIMPFOX-RCI 6-M 1212730	CRIMPFOX-SC 1,5 1212048	CRIMPFOX-SC 1,5-M 1212725	CRIMPFOX-SC 6 1212050	CRIMPFOX-M + dies 1212072	CRIMPFOX-C120 + dies 1212318	CRIMPFOX-C50 + dies 1212340
•	•	•	•				•		
•	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
	•	•	•				•		
	•	•	•				•		
				•	•	•	•		
				•	•	•	•		
				•	•	•	•		
				•	•	•	•		
						•	•		
						•	•		
						•	•		
						•	•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
•	•	•	•				•		
	•								
•	•	•	•				•		
•	•	•	•				•		
				•	•	•	•		
						•	•		

up-to-date, always available to you. Here you'll find everything on our products, solutions and service:

nixcontact.com

uct range

- s and wires
- ging technology for E-Mobility
- ectors
- rollers
- ronics housings
- ronic switchgear and
  r control
- us components and systems
- ional safety
- and industrial PCs

- I/O systems
- Industrial cloud computing
- Industrial communication technology
- Installation and mounting material
- Lighting and signaling
- Marking and labeling
- Measurement and control technology
- Monitoring
- PCB terminal blocks and
  PCB connectors

- Power supply units and UPS
- Protective devices
- Relay modules
- Sensor/actuator cabling
- Software
- Surge protection and interference filters
- System cabling for controllers
- Terminal blocks
- Tools

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Pliers & Tweezers *category:*

Click to view products by Phoenix Contact *manufacturer:*

Other Similar products are found below :

0031 32750 PN-5050/38D PG-TP-30D PG-DP-18-N G77015 4-1532129-2 77 12 115 0037 T0058765801 571 76C 37 31 125 RX 8130 37 33 125 DRP10N 32 11 135 36 12 130 0036 64 11 115 0032 6231-08 PN 5050/19D PNI 5000 TP 5000/15D TR 30 15 V TR 5000 PR TR 58 R A D 00 20 08 US2 13 01 614 87 28 250 SBA INCP8 30993 011820101 003780032 003780041 134-69-160 134-69-180 135-49-VDE-190 137-49-VDE-180 137-49-VDE-200 137-49-VDE-240 137-69-180 137-69-200 137-69-240 138-49-VDE-200 138-69-200 140-49-VDE-170 140-49-VDE-205 140-69-205