

Jens Frischeimer
Manager Product Marketing
Assembly Devices & Tools
Business Unit Industrial Cabinet Solutions
Flachsmarktstraße 8
D-32825 Blomberg

Business Unit Industrial Cabinet Solutions
Development and Quality Laboratory
Name Stanislaw Berg
Phone +49 5235 3-41346
stanislaw.berg@phoenixcontact.com

09th January 2023
IO Nr.: 0035392/09

Confirmation of the business unit Industrial Cabinet Solutions

Dear Sir or Madam,

We herewith confirm that the CRIMPFOX pliers series is tested and qualified following the below listed standards.

Tests:

- Release force of the pressure lock and manual operation force following DIN 41641 part 1
- Conductor pull-out force on the basis of IEC 60999-1:1999 and/or IEC 60352-2:2006+A1:2013
- Crimp level measurement
- Measurement of resistance and/or voltage drop

Personally liable partner:
Phoenix Contact Verwaltungs GmbH
Amtsgericht Lemgo HRB 5273
Kom. Ges. Amtsgericht Lemgo HRA 3746

Group Executive Board:
Frank Stührenberg (CEO)
Dirk Görlitzer, Torsten Janwlecke
Ulrich Leidecker
Frank Possel-Dölken, Axel Wachholz

Deutsche Bank AG
(BLZ 360 700 50) 226 2665 00
BIC: DEUTDE33XXX
IBAN:
DE93 3607 0050 0226 2665 00

Commerzbank AG
(BLZ 476 400 51) 226 0396 00
BIC: COBADE33XXX
IBAN:
DE31 4764 0051 0226 0396 00

The following tools are tested and qualified following to IEC 60999-1:1999.

Type	Order No.	Type	Order No.
CRIMPFOX 2,5-M	1212719	CRIMPFOX VARIO 16S	1108767
CRIMPFOX 4 IN 1	1200101	CRIMPFOX 16S	1207983
CRIMPFOX 6	1212034	CRIMPFOX 25R	1212039
CRIMPFOX VARIO 4S	1108766	CRIMPFOX 25R CUS	1212765
CRIMPFOX 6 CUS	1212767	CRIMPFOX 50R	1212041
CRIMPFOX 6-M	1212720	CRIMPFOX 50R CUS	1212766
CRIMPFOX 6H	1212046	CRIMPFOX CENTRUS 6H	1213146
CRIMPFOX 6H CUS	1212768	CRIMPFOX CENTRUS 6H-NC	1202883
CRIMPFOX 6S-F	1212043	CRIMPFOX CENTRUS 6H CUS	1213166
CRIMPFOX 6S-F CUS	1212769	CRIMPFOX CENTRUS 6S	1213144
CRIMPFOX 10T-F	1134913	CRIMPFOX CENTRUS 6S-NC	1202882
CRIMPFOX 10T-F CUS	1142666	CRIMPFOX CENTRUS 6S CUS	1213164
CRIMPFOX 10	1212721	CRIMPFOX CENTRUS 10H	1213156
CRIMPFOX 10S	1212045	CRIMPFOX CENTRUS 10H CUS	1213176
CRIMPFOX 10S CUS	1212764	CRIMPFOX CENTRUS 10S	1213154
CRIMPFOX DUO 16S	1202877	CRIMPFOX CENTRUS 10S CUS	1213174
CRIMPFOX DUO 16S CUS	1264087	CRIMPFOX DUO 10	1031721
		CRIMPFOX DUO 10 CUS	1044970

The following tools are tested and qualified following IEC 60352-2:2006+A1:2013

Ring Connector Insulated

Type	Order No.	Type	Order No.
CRIMPFOX-RCI 1	1212055	CRIMPFOX-RCI 6 CUS	1212774
CRIMPFOX-RCI 1 CUS	1212772	CRIMPFOX-RCI 6-1	1212059
CRIMPFOX-RCI 1-M	1212727	CRIMPFOX-RCI 6-1 CUS	1212775
CRIMPFOX-RCI 2,5	1212053	CRIMPFOX-RCI 6-M	1212730
CRIMPFOX-RCI 2,5 CUS	1212773	CRIMPFOX-RCI DIN 6	1212729
CRIMPFOX-RCI 2,5-M	1212728	CRIMPFOX-HS 6	1212722
CRIMPFOX-RCI 6	1212057		

Ring Connector Uninsulated

Type	Order No.	Type	Order No.
CRIMPFOX-RC 0,56	1205529	CRIMPFOX-RC 6-M	1212724
CRIMPFOX-RC 2,5	1212063	CRIMPFOX-RC 10	1212061
CRIMPFOX-RC 2,5 CUS	1212777	CRIMPFOX-RC 10 CUS	1212776
CRIMPFOX-RC 2,5-M	1212723	CRIMPFOX-RC 25	1212065
CRIMPFOX-RC 6	1212710	CRIMPFOX-RC 25 CUS	1212778

Ring Connector Tube

Type	Order No.	Type	Order No.
CRIMPFOX-RCT 16-1	1212731	CRIMPFOX-RCT 25-1	1212066
CRIMPFOX-RCT 70-1	1212732		

Spade Connector

Type	Order No.	Type	Order No.
CRIMPFOX-SC 1,5	1212048	CRIMPFOX-SR 6-2	1212468
CRIMPFOX-SC 1,5 CUS	1212779	CRIMPFOX-SR 6-3	1212469
CRIMPFOX-SC 1,5-M	1212725	CRIMPFOX-DSUB 5	1212111
CRIMPFOX-SC 6	1212050	CRIMPFOX-DSUB 5-1	1212711
CRIMPFOX-SC 6 CUS	1212780	CRIMPFOX-MT 2,5	1204038
CRIMPFOX-SC 6-L	1212052	CRIMPFOX-1,6-ER-1,5-AT	1884843
CRIMPFOX-SCA 2,5-M	1212726	CRIMPFOX-1,6-ER-1,50-GH	1772793

Turned or stamped connector

Type	Order No.	Type	Order No.
CRIMPFOX-TC 4	1212113	CRIMPFOX-1,6/2,5-ED-4,0	1687419
CRIMPFOX-TC 10	1212114	CRIMPFOX-4,0-ED-6,00	1205859
CRIMPFOX-TC MP	1212510	CRIMPFOX-RC 2,5	1205448
CRIMPFOX-TC MP-1	1212620	CRIMPFOX-P CDC 1.5L	1142832
CRIMPFOX-TC MP-6	1202888	CRIMPFOX-P CDC 2.5L	1142833
CRIMPFOX-P CK 1.6 ER 2.5 OIC-L	1069228		
CRIMPFOX-P CC 0.75 L	1064998		
CRIMPFOX-P CDC 0.5L	1142831		

Depending on the applied die, the following basic tools are tested and qualified following IEC 60352-2:2006+A1:2013 and/or IEC 60999-1:1999.

Type	Order No.	Type	Order No.
CRIMPFOX-C50	1212340	CRIMPFOX-M	1212072
CRIMPFOX-C120	1212318		

The following tools meet the requirements of IEC 60803 and MIL 22520.

Type	Order No.	Type	Order No.
CRIMPFOX-CX 4,52	1212094	CRIMPFOX-CX 10,54	1212097
CRIMPFOX-CX 4,52-M	1212713	CRIMPFOX-CX 10,90	1212098
CRIMPFOX-CX 5,41-M	1212712	CRIMPFOX-CX 10,90-1	1212715
CRIMPFOX-CX 6,48	1212095	CRIMPFOX-CATV 8,23	1212716
CRIMPFOX-CX 6,48-M	1212714	CRIMPFOX-CATV 8,23-1	1212717
CRIMPFOX-CX 7,06 HD-M	1212718	CRIMPFOX-FO 5,41	1212099
CRIMPFOX-CX 9,14	1212096		

Attention has to be paid to the concordance of the capacity values of the conductor and connector. The preparation of the conductor has to be effected according to the standards. We recommend applying consumables from the Phoenix Contact product range.

Best Regards

PHOENIX CONTACT GmbH & Co. KG

i.A.
Dr. Michael Peter
Director
Development and Quality Laboratory
Business Unit MI

i.A.
Stanislaw Berg, B. Eng.
Development Laboratory Engineer
Development Laboratory
Business Unit ICS

The annexed information corresponds to our present knowledge. In this respect we specifically take the statements and indications of our suppliers and service providers as a basis.

Although we strive for up-to-dateness, completeness and correctness of the contents of our data we cannot guarantee them. The receiver himself is responsible for the evaluation of the information and the decisions derived there from.

Liability claims against Phoenix Contact GmbH & Co. KG, caused by the use or non-use of the information provided and/or the use of faulty and incomplete information or its non-availability, are generally excluded insofar as there is no evidence of wilful or gross negligence on the part of Phoenix Contact GmbH & Co. KG.

As for the rest, our General Terms **and** Conditions of Delivery, Service and Payment shall be effective.
They are available on our homepage www.phoenixcontact.de/rechtliche-hinweise