

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.



Knife-disconnect terminal block, With test socket screws for insertion of test plugs, nom. voltage: 500 V, nominal current: 16 A, 1 level, connection method: Screw connection, Rated cross section: 2.5 mm², cross section: 0.2 mm² - 6 mm², mounting: NS 32, NS 35/7,5, NS 35/15, color: gray

Your advantages

- Space-saving design
- High current carrying capacity of up to 16 A

Commercial Data

Item number	3004032
Packing unit	50 pc
Minimum order quantity	1 pc
Sales Key	BE1
Product Key	BE1231
Catalog Page	Page 513 (C-1-2019)
GTIN	4017918090579
Weight per Piece (including packing)	13.45 g
Weight per Piece (excluding packing)	12.45 g
Customs tariff number	85369010
Country of origin	IN

3004032

<https://www.phoenixcontact.com/in/products/3004032>

Technical Data

Product properties

Product type	Disconnect terminal block
Number of positions	1
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Number of connections per level	2
Nominal cross section	4 mm ²

1 level

Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Cross-section with insertion bridge, rigid	4 mm ²
Cross-section with insertion bridge, flexible	4 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 2.5 mm ²
Nominal current	16 A
Maximum load current	16 A (with 4 mm ² conductor cross section)
Nominal voltage	500 V (up to 690 V for pollution degree II)
Nominal cross section	2.5 mm ²

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

Dimensions

Width	6.2 mm
Height NS 35/15	66 mm
Height NS 35/7,5	58.5 mm
Height	2.303 "
Height NS 32	63.5 mm
Length	51 mm

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Electrical tests

Surge voltage test

Test voltage setpoint	6 kV
Result	Test passed

Power-frequency withstand voltage

Test voltage setpoint	1.89 kV
Result	Test passed

Mechanical properties

Mechanical data

Open side panel	No
-----------------	----

Mechanical tests

Mechanical strength

Result	Test passed
--------	-------------

3004032

<https://www.phoenixcontact.com/in/products/3004032>

Environmental and real-life conditions

Aging

Temperature cycles	192
	192

Needle-flame test

Time of exposure	30 s
------------------	------

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

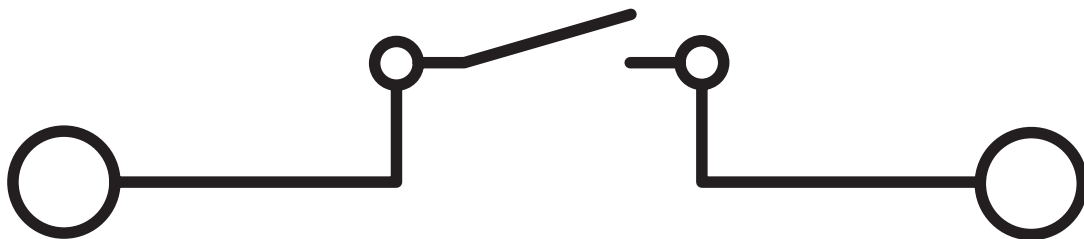
Connection in acc. with standard	IEC 60947-7-1
----------------------------------	---------------

Mounting

Mounting type	NS 32
	NS 35/7,5
	NS 35/15

Drawings

Circuit diagram




UK 5-MTK-P/P - Knife-disconnect terminal block





3004032

<https://www.phoenixcontact.com/in/products/3004032>

Approvals

 CSA Approval ID: 13631				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group B	600 V	15 A	22 - 14	-
Use group C	600 V	15 A	22 - 14	-

 EAC Approval ID: RU C-DE.BL08.B.00534				
---	--	--	--	--

 cULus Recognized Approval ID: E60425				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group B	300 V	15 A	22 - 12	-
Use group C	300 V	15 A	22 - 12	-
Use group F	500 V	15 A	22 - 12	-
Use group D	600 V	5 A	22 - 12	-

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

Classifications

ECLASS

ECLASS-11.0	27141126
ECLASS-12.0	27141126

ETIM

ETIM 8.0	EC000902
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

Environmental Product Compliance


China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

UK 5-MTK-P/P - Knife-disconnect terminal block

3004032

<https://www.phoenixcontact.com/in/products/3004032>

Accessories

 Note: Applying some accessories below might limit this product.


EB 2- 6 - Insertion bridge

0201155

<https://www.phoenixcontact.com/in/products/0201155>

Insertion bridge, pitch: 6.2 mm, number of positions: 2, color: gray



 Max. current carrying capacity: 12 A

EB 3- 6 - Insertion bridge

0201142

<https://www.phoenixcontact.com/in/products/0201142>

Insertion bridge, pitch: 6.2 mm, number of positions: 3, color: gray



 Max. current carrying capacity: 12 A

UK 5-MTK-P/P - Knife-disconnect terminal block

3004032

<https://www.phoenixcontact.com/in/products/3004032>

EB 10- 6 - Insertion bridge

0201139

<https://www.phoenixcontact.com/in/products/0201139>



Insertion bridge, pitch: 6.2 mm, number of positions: 10, color: gray

 Max. current carrying capacity: 12 A

ATP-UK 5-MTK - Partition plate

3004210

<https://www.phoenixcontact.com/in/products/3004210>



Partition plate, length: 60 mm, width: 2 mm, height: 48.9 mm, color: gray

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

PAIS-4-P/P GY - Test adapter

3032794

<https://www.phoenixcontact.com/in/products/3032794>



Test adapter, Only use in UDK 4 MTK-P/P and UK 5-MTK-P/P, For 4 mm test plugs, number of positions: 1, color: gray

PAIS-4-P/P BK - Test adapter

3032795

<https://www.phoenixcontact.com/in/products/3032795>



Test adapter, Only use in UDK 4 MTK-P/P and UK 5-MTK-P/P, For 4 mm test plugs, number of positions: 1, color: black

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

PAIS-4-P/P RD - Test adapter

3032796

<https://www.phoenixcontact.com/in/products/3032796>



Test adapter, Only use in UDK 4 MTK-P/P and UK 5-MTK-P/P, For 4 mm test plugs, number of positions: 1, color: red

SBS 6:UNBEDRUCKT - Marker card

1007222

<https://www.phoenixcontact.com/in/products/1007222>



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, mounting type: snapped, snap into flat marker groove, for terminal block width: 6 mm, lettering field size: 6 x 6.1 mm, Number of individual labels: 250

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

SZG 0,6X3,5 VDE - Screwdriver

1205121

<https://www.phoenixcontact.com/in/products/1205121>



Screwdriver, slot-headed, graded, for test socket screws, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

NS 32 PERF 2000MM-VPE 10 - DIN rail perforated

1201002

<https://www.phoenixcontact.com/in/products/1201002>



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, G profile, color: silver, Pack of 10 (20 m)

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

NS 32 UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201015

<https://www.phoenixcontact.com/in/products/1201015>



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, G profile, color: silver, Pack of 10 (20 m)

NS 35/ 7,5 PERF 2000MM - DIN rail perforated

0801733

<https://www.phoenixcontact.com/in/products/0801733>



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

NS 35/ 7,5 UNPERF 2000MM - DIN rail, unperforated

0801681

<https://www.phoenixcontact.com/in/products/0801681>



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

NS 35/ 7,5 WH PERF 2000MM - DIN rail perforated

1204119

<https://www.phoenixcontact.com/in/products/1204119>



DIN rail perforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 25 (50 m)

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204122

<https://www.phoenixcontact.com/in/products/1204122>



DIN rail, unperforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 10 (20 m)

NS 35/ 7,5 AL UNPERF 2000MM - DIN rail, unperforated

0801704

<https://www.phoenixcontact.com/in/products/0801704>



DIN rail, unperforated, acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver, Pack of 25 (50 m)

UK 5-MTK-P/P - Knife-disconnect terminal block

3004032

<https://www.phoenixcontact.com/in/products/3004032>

NS 35/ 7,5 ZN PERF 2000MM - DIN rail perforated

1206421

<https://www.phoenixcontact.com/in/products/1206421>



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

NS 35/ 7,5 ZN UNPERF 2000MM - DIN rail, unperforated

1206434

<https://www.phoenixcontact.com/in/products/1206434>



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

UK 5-MTK-P/P - Knife-disconnect terminal block

3004032

<https://www.phoenixcontact.com/in/products/3004032>



NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

0801762

<https://www.phoenixcontact.com/in/products/0801762>



DIN rail, unperforated, acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored, Pack of 10 (20 m)

NS 35/ 7,5 CAP - End cap

1206560

<https://www.phoenixcontact.com/in/products/1206560>

DIN rail end piece, for DIN rail NS 35/7.5



UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

NS 35/15 PERF 2000MM - DIN rail perforated

1201730

<https://www.phoenixcontact.com/in/products/1201730>



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

NS 35/15 UNPERF 2000MM - DIN rail, unperforated

1201714

<https://www.phoenixcontact.com/in/products/1201714>



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

NS 35/15 WH PERF 2000MM - DIN rail perforated

0806602

<https://www.phoenixcontact.com/in/products/0806602>



DIN rail perforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: white, Pack of 25 (50 m)

NS 35/15 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204135

<https://www.phoenixcontact.com/in/products/1204135>



DIN rail, unperforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 10 (20 m)

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

NS 35/15 AL UNPERF 2000MM - DIN rail, unperforated

1201756

<https://www.phoenixcontact.com/in/products/1201756>



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

NS 35/15 ZN PERF 2000MM - DIN rail perforated

1206599

<https://www.phoenixcontact.com/in/products/1206599>



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

UK 5-MTK-P/P - Knife-disconnect terminal block

3004032

<https://www.phoenixcontact.com/in/products/3004032>

NS 35/15 ZN UNPERF 2000MM - DIN rail, unperforated

1206586

<https://www.phoenixcontact.com/in/products/1206586>



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

NS 35/15 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201895

<https://www.phoenixcontact.com/in/products/1201895>



DIN rail, unperforated, similar to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored, Pack of 10 (20 m)

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

NS 35/15 CAP - End cap

1206573

<https://www.phoenixcontact.com/in/products/1206573>

DIN rail end piece, for DIN rail NS 35/15



NS 35/15-2,3 UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201798

<https://www.phoenixcontact.com/in/products/1201798>

DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver, Pack of 10 (20 m)



UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

ZB 6:UNBEDRUCKT - Zack marker strip

1051003

<https://www.phoenixcontact.com/in/products/1051003>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

ZB 6 CUS - Zack marker strip

0824992

<https://www.phoenixcontact.com/in/products/0824992>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

ZB 6,LGS:FORTL.ZAHLEN - Zack marker strip

1051016

<https://www.phoenixcontact.com/in/products/1051016>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6. 15 x 10.5 mm, Number of individual labels: 10

ZB 6,QR:FORTL.ZAHLEN - Zack marker strip

1051029

<https://www.phoenixcontact.com/in/products/1051029>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6. 15 x 10.5 mm, Number of individual labels: 10

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

ZB 6,LGS:GLEICHE ZAHLEN - Zack marker strip

1051032

<https://www.phoenixcontact.com/in/products/1051032>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

ZB 6,LGS:L1-N,PE - Marker for terminal blocks

1051414

<https://www.phoenixcontact.com/in/products/1051414>



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

ZB 6,LGS:U-N - Marker for terminal blocks

1051430

<https://www.phoenixcontact.com/in/products/1051430>



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: U, V, W, N, GND, U, V, W, N, GND, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

UC-TM 6 - Marker for terminal blocks

0818085

<https://www.phoenixcontact.com/in/products/0818085>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

UK 5-MTK-P/P - Knife-disconnect terminal block

3004032

<https://www.phoenixcontact.com/in/products/3004032>



UC-TM 6 CUS - Marker for terminal blocks

0824589

<https://www.phoenixcontact.com/in/products/0824589>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

UCT-TM 6 - Marker for terminal blocks

0828736

<https://www.phoenixcontact.com/in/products/0828736>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

UCT-TM 6 CUS - Marker for terminal blocks

0829602

<https://www.phoenixcontact.com/in/products/0829602>

Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60



CLIPFIX 35 - End clamp

3022218

<https://www.phoenixcontact.com/in/products/3022218>

Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray



UK 5-MTK-P/P - Knife-disconnect terminal block

3004032

<https://www.phoenixcontact.com/in/products/3004032>

CLIPFIX 35-5 - End clamp

3022276

<https://www.phoenixcontact.com/in/products/3022276>



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

E/NS 35 N - End clamp

0800886

<https://www.phoenixcontact.com/in/products/0800886>



End clamp, width: 9.5 mm, color: gray

UK 5-MTK-P/P - Knife-disconnect terminal block



3004032

<https://www.phoenixcontact.com/in/products/3004032>

E/UK - End clamp

1201442

<https://www.phoenixcontact.com/in/products/1201442>

End clamp, material: PA, color: gray, Mounting on a DIN rail NS 32 or NS 35



E/UK 1 - End clamp

1201413

<https://www.phoenixcontact.com/in/products/1201413>

End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray



Phoenix Contact 2023 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

info@phoenixcontact.co.in