

3210170

https://www.phoenixcontact.com/us/products/3210170

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Knife-disconnect terminal block, nom. voltage: 400 V, nominal current: 16 A, connection method: Push-in connection, Rated cross section:  $2.5~\text{mm}^2$ , cross section:  $0.14~\text{mm}^2$  -  $4~\text{mm}^2$ , mounting: NS 35/7,5, NS 35/15, color: gray

### Your advantages

- · In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- The compact design and front connection enable wiring in a confined space<br/>
  space<br/>
  in a confined space<br/>
  in a
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- · Tested for railway applications

#### Commercial data

Item number	3210170
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE22
Product key	BE2231
Catalog page	Page 79 (C-1-2019)
GTIN	4046356693745
Weight per piece (including packing)	10.356 g
Weight per piece (excluding packing)	9.726 g
Customs tariff number	85369010
Country of origin	PL



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### Technical data

#### Notes

General
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Note	The max. load current must not be exceeded by the total current
	of all connected conductors.

### Product properties

Product type	Disconnect terminal block
Product family	PT
Area of application	Railway industry
	Machine building
	Plant engineering
Number of connections	3
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	0.77 W

#### Connection data

Number of connections per level	3
Nominal cross section	2.5 mm²
Stripping length	8 mm 10 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.14 mm² 4 mm²
Cross section AWG	26 12 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm² 4 mm²
Conductor cross section, flexible [AWG]	26 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm² 2.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm² 2.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup>
Nominal current	16 A
Maximum load current	16 A (with 4 mm² conductor cross section, rigid)
Nominal voltage	400 V
Nominal cross section	2.5 mm²



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#### Connection cross sections directly pluggable

Conductor cross section rigid	0.34 mm² 4 mm²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm <sup>2</sup> 2.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm² 2.5 mm²

#### **Dimensions**

Width	5.2 mm
End cover width	2.2 mm
Height	81.9 mm
Depth	35.2 mm
Depth on NS 35/7,5	36.7 mm
Depth on NS 35/15	44.2 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))	130 °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)	28 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	7.3 kV
Result	Test passed
Temperature-rise test	

Temperature not test	
Requirement temperature-rise test	Increase in temperature ≤ 45 K
Result	Test passed
	Test passed
Short-time withstand current 1.5 mm²	0.18 kA
Short-time withstand current 2.5 mm²	0.3 kA
Result	Test passed



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Shocks

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wer-frequency withstand voltage Test voltage setpoint	1.89 kV
Result	Test passed
result	rest passeu
chanical properties	
Mechanical data	
Open side panel	Yes
сроизио рамо	
chanical tests	
Mechanical strength	
Result	Test passed
Attachment on the carrier	
DIN rail/fixing support	NS 35
Test force setpoint	1 N
Result	Test passed
1 COURT	1 031 passeu
est for conductor damage and slackening	
Rotation speed	10 rpm
Revolutions	135
Conductor cross section/weight	0.14 mm² / 0.2 kg
	2.5 mm² / 0.7 kg
	4 mm² / 0.9 kg
Result	Test passed
vironmental and real-life conditions	
vironinental and real-life conditions	
Aging	
Temperature cycles	192
Result	Test passed
Needle-flame test	
Time of exposure	30 s
Result	Test passed
Oscillation/broadband noise	
Specification	DIN EN 50155 (VDE 0115-200):2018-05
Spectrum	Service life test category 2, bogie-mounted
Frequency	$f_1 = 5 \text{ Hz to } f_2 = 250 \text{ Hz}$
ASD level	6.12 (m/s²)²/Hz
	3.12g
Acceleration	5
	5 h
Acceleration  Test duration per axis  Test directions	5 h X-, Y- and Z-axis



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Specification	DIN EN 50155 (VDE 0115-200):2018-05
Pulse shape	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed
Ambient conditions	
Ambient temperature (operation)	-60 °C 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see 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 (operation)	20 % 90 %
Permissible humidity (storage/transport)	30 % 70 %
Standards and regulations	
Connection in acc. with standard	IEC 60947-7-1
Mounting	
Mounting type	NS 35/7,5
	NS 35/15



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### Drawings

Circuit diagram





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### **Approvals**

🎨 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3210170

#### אמם

Approval ID: TAE00003JE

CB scheme	IECEE CB Schem Approval ID: DE1-61292				
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		400 V	16 A	-	- 2.5

EAC
Approval ID: RU C-DE.BL08.B.00644

cULus Recogniz Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
Use group B				
Only flexible conductors	300 V	20 A	26 - 12	-
Only rigid conductors	300 V	16 A	26 - 12	-
Use group C				
Only flexible conductors	300 V	20 A	26 - 12	-
Only rigid conductors	300 V	16 A	26 - 12	-
Use group D				
	600 V	5 A	26 - 12	-

Hoyds Register LR

Approval ID: 14/20056



ΒV

Approval ID: 25278/C1 BV

VDE Zeichengene Approval ID: 40037618	hmigung			
	Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
	400 V	16 A	-	0.2 - 2.5



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<b>nized</b> 25			
Nominal voltage $U_N$	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
300 V	20 A	-	-
300 V	16 A	-	-
300 V	20 A	-	-
300 V	16 A	-	-
400 V	20 A	-	-
600 V	5 A	-	-
	Nominal voltage U <sub>N</sub> 300 V  300 V  300 V  400 V	Nominal voltage U <sub>N</sub> Nominal current I <sub>N</sub> 300 V 20 A  300 V 16 A  300 V 20 A  400 V 20 A	Nominal voltage U <sub>N</sub> Nominal current I <sub>N</sub> Cross section AWG  300 V 20 A -  300 V 16 A -  300 V 20 A -  400 V 20 A -



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### Classifications

UNSPSC 21.0

#### **ECLASS**

27141126
27141126
27250108
EC000902

39121400



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### Environmental product compliance

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



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#### Accessories



Note: Applying some accessories below might limit this product.

#### FBS 2-5 - Plug-in bridge

3030161

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Plug-in bridge, pitch: 5.2 mm, number of positions: 2, length: 23 mm, color: red

Max. current carrying capacity: 16 A

### FBS 3-5 - Plug-in bridge

3030174

https://www.phoenixcontact.com/us/products/3030174



Plug-in bridge, pitch: 5.2 mm, number of positions: 3, length: 23 mm, color: red



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#### FBS 4-5 - Plug-in bridge

3030187

https://www.phoenixcontact.com/us/products/3030187



Plug-in bridge, pitch: 5.2 mm, number of positions: 4, length: 23 mm, color: red

1 Max. current carrying capacity: 16 A

#### FBS 5-5 - Plug-in bridge

3030190

https://www.phoenixcontact.com/us/products/3030190



Plug-in bridge, pitch: 5.2 mm, number of positions: 5, length: 23 mm, color: red



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#### FBS 10-5 - Plug-in bridge

3030213

https://www.phoenixcontact.com/us/products/3030213



Plug-in bridge, pitch: 5.2 mm, number of positions: 10, length: 23 mm, color: red

Max. current carrying capacity: 16 A

#### FBS 20-5 - Plug-in bridge

3030226

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Plug-in bridge, pitch: 5.2 mm, number of positions: 20, color: red



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#### FBS 50-5 - Plug-in bridge

3038930

https://www.phoenixcontact.com/us/products/3038930



Plug-in bridge, pitch: 5.2 mm, number of positions: 50, color: red

Max. current carrying capacity: 16 A

#### FBSR 2-5 - Plug-in bridge

3033702

https://www.phoenixcontact.com/us/products/3033702



Plug-in bridge, pitch: 5.2 mm, number of positions: 2, color: red



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#### FBSR 3-5 - Plug-in bridge

3001591

https://www.phoenixcontact.com/us/products/3001591



Plug-in bridge, pitch: 5.2 mm, number of positions: 3, color: red

Max. current carrying capacity: 16 A

### FBSR 4-5 - Plug-in bridge

3001592

https://www.phoenixcontact.com/us/products/3001592



Plug-in bridge, pitch: 5.2 mm, number of positions: 4, color: red



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#### FBSR 5-5 - Plug-in bridge

3001593

https://www.phoenixcontact.com/us/products/3001593



Plug-in bridge, pitch: 5.2 mm, number of positions: 5, color: red

Max. current carrying capacity: 16 A

#### FBSR 10-5 - Plug-in bridge

3033710

https://www.phoenixcontact.com/us/products/3033710



Plug-in bridge, pitch: 5.2 mm, number of positions: 10, color: red



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### FBS 2-5 BU - Plug-in bridge

3036877

https://www.phoenixcontact.com/us/products/3036877



Plug-in bridge, pitch: 5.2 mm, number of positions: 2, color: blue

16 Max. current carrying capacity: 16 A

### FBS 3-5 BU - Plug-in bridge

3036880

https://www.phoenixcontact.com/us/products/3036880



Plug-in bridge, pitch: 5.2 mm, number of positions: 3, color: blue



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### FBS 4-5 BU - Plug-in bridge

3036893

https://www.phoenixcontact.com/us/products/3036893



Plug-in bridge, pitch: 5.2 mm, number of positions: 4, color: blue

Max. current carrying capacity: 16 A

### FBS 5-5 BU - Plug-in bridge

3036903

https://www.phoenixcontact.com/us/products/3036903



Plug-in bridge, pitch: 5.2 mm, number of positions: 5, color: blue



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### FBS 10-5 BU - Plug-in bridge

3036916

https://www.phoenixcontact.com/us/products/3036916



Plug-in bridge, pitch: 5.2 mm, number of positions: 10, color: blue

1 Max. current carrying capacity: 16 A

#### FBS 20-5 BU - Plug-in bridge

3036929

https://www.phoenixcontact.com/us/products/3036929



Plug-in bridge, pitch: 5.2 mm, number of positions: 20, color: blue



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### FBS 50-5 BU - Plug-in bridge

3032114

https://www.phoenixcontact.com/us/products/3032114



Plug-in bridge, pitch: 5.2 mm, number of positions: 50, color: blue

Max. current carrying capacity: 16 A

#### RB ST (2,5/4)-1,5/S - Reducing bridge

3214356

https://www.phoenixcontact.com/us/products/3214356



Reducing bridge, pitch: 6.7 mm, number of positions: 2, length: 23 mm, color: red



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#### RB ST 6-(2,5/4) - Reducing bridge

3030860

https://www.phoenixcontact.com/us/products/3030860



Reducing bridge, pitch: 9 mm, number of positions: 2, length: 30 mm, color: red

1 Max. current carrying capacity: 35 A

### RB ST 10-(2,5/4) - Reducing bridge

3030873

https://www.phoenixcontact.com/us/products/3030873



Reducing bridge, pitch: 10 mm, number of positions: 2, length: 36 mm, color: red



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#### RB ST 16-(2,5/4) - Reducing bridge

3030886

https://www.phoenixcontact.com/us/products/3030886



Reducing bridge, pitch: 11 mm, number of positions: 2, length: 37 mm, color: red

1 Max. current carrying capacity: 35 A

### RB ST 35-(2,5/4) - Reducing bridge

3030899

https://www.phoenixcontact.com/us/products/3030899



Reducing bridge, pitch: 11 mm, number of positions: 2, color: red



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### RB ST (2,5/4)-1,5 - Reducing bridge

3038943

https://www.phoenixcontact.com/us/products/3038943



Reducing bridge, pitch: 7.1 mm, number of positions: 2, length: 23 mm, color: red

1 Max. current carrying capacity: 24 A

### RB UT 6-ST(2,5/4) - Reducing bridge

3047264

https://www.phoenixcontact.com/us/products/3047264



Reducing bridge, pitch: 9.5 mm, number of positions: 2, length: 33 mm, color: red



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### RB UT 35-ST(2,5/4) - Reducing bridge

3047280

https://www.phoenixcontact.com/us/products/3047280



Reducing bridge, pitch: 10.8 mm, number of positions: 2, color: red

1 Max. current carrying capacity: 40 A

#### RB UT 10-ST(2,5/4) - Reducing bridge

3047086

https://www.phoenixcontact.com/us/products/3047086



Reducing bridge, pitch: 10.2 mm, number of positions: 2, length: 33 mm, color: red



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https://www.phoenixcontact.com/us/products/3210170

### RB UT 16-ST(2,5/4) - Reducing bridge

3047099

https://www.phoenixcontact.com/us/products/3047099



Reducing bridge, pitch: 11 mm, number of positions: 2, length: 41 mm, color: red

Max. current carrying capacity: 40 A

#### ATP-ST QUATTRO - Partition plate

3030815

https://www.phoenixcontact.com/us/products/3030815

Partition plate, depth: 45 mm, width: 2 mm, height: 90.9 mm, color: gray





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#### D-PT 2,5-TWIN-MTB - End cover

3210202

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End cover, depth: 29.05 mm, width: 2.2 mm, height: 81.9 mm, color: gray



#### S-MT - Switching lock

3247954

https://www.phoenixcontact.com/us/products/3247954



Switching lock, depth: 23.1 mm, width: 3.5 mm, height: 10.5 mm, color: white



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#### STP 5-2-ZB - Marker carriers

3037643

https://www.phoenixcontact.com/us/products/3037643



Marker carriers, snaps into ST 2,5 spring-cage terminal blocks, can be marked with UC-TM 5, UCT-TMF 5, UCT-TM 5, UCT-TMF 5, ZB 5, or ZBF 5, gray, unlabeled, mounting type: snapped

#### GBS 5-25X12 - Group marker label for terminal marking

0810588

https://www.phoenixcontact.com/us/products/0810588



Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5



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#### GBS-ZB/26X6 - Group marker label for terminal marking

0809298

https://www.phoenixcontact.com/us/products/0809298



Group marking label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with ESL 26x6 mm or EST 25x6 mm, in the foot part with Zack marker strip, length: 29 mm

#### CEC 2,5 - Filler plug

3062757

https://www.phoenixcontact.com/us/products/3062757



Cover for conductor shaft, 10-pos., for spring cage terminal blocks (ST) and terminal blocks with push-in technology (PT) with a width of 5.2 mm



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### P-CO 2-5 R47K - Component connector

3032447

https://www.phoenixcontact.com/us/products/3032447



Component connector, with 47 kOhm resistance for wire-break monitoring, pitch: 5.2 mm, depth: 34.8 mm, width: 4.1 mm, height: 8.9 mm, number of positions: 2, color: black

#### WS PT 2,5 - Warning label

1029026

https://www.phoenixcontact.com/us/products/1029026



Warning label, yellow/black, labeled: Lightning flash, mounting type: plug in, for terminal block width: 5.2 mm



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#### WS-DIO PT 2,5 - Warning label

1029037

https://www.phoenixcontact.com/us/products/1029037



Warning label, yellow/black, labeled: Diode, mounting type: plug in, for terminal block width: 5.2 mm

#### DS-PT 2,5-MT - Cover segment

1043963

https://www.phoenixcontact.com/us/products/1043963



Cover segments, large segment: 29 x 12.1 x 2, small segment: 22.65 x 12.9 x 2, color: gray



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#### DS-PT 2,5-QUATTRO-MT - Cover segment

1043964

https://www.phoenixcontact.com/us/products/1043964



Cover segments, large segment:  $28.7 \times 12.6 \times 2.8$ , small segment:  $22.7 \times 12$ .  $9 \times 2.8$ , color: gray

#### LPO 2,5/E - Pick-up plug

3270516

https://www.phoenixcontact.com/us/products/3270516



Pick-up plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 1, connection method: Push-in connection, Rated cross section:  $2.5~\text{mm}^2$ , cross section:  $0.14~\text{mm}^2$ - $4~\text{mm}^2$ , color: gray



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### LPO 2,5 - Pick-up plug

3270517

https://www.phoenixcontact.com/us/products/3270517



Pick-up plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup>- 4 mm<sup>2</sup>, color: gray

#### LPS-5/E - Service connector

3270520

https://www.phoenixcontact.com/us/products/3270520



Service connector, nom. voltage: 800 V, nominal current: 24 A, number of positions: 1, connection method: Push-in connection, Rated cross section:  $2.5 \text{ mm}^2$ , cross section:  $0.14 \text{ mm}^2$ -  $4 \text{ mm}^2$ , color: red



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#### LPS-5 - Service connector

3270521

https://www.phoenixcontact.com/us/products/3270521



Service connector, nom. voltage: 800 V, nominal current: 24 A, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: red

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

0801733

https://www.phoenixcontact.com/us/products/0801733



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



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

0801681

https://www.phoenixcontact.com/us/products/0801681



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

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

1204119

https://www.phoenixcontact.com/us/products/1204119



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



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

1204122

https://www.phoenixcontact.com/us/products/1204122



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

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

0801704

https://www.phoenixcontact.com/us/products/0801704



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



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

1206421

https://www.phoenixcontact.com/us/products/1206421



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

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

1206434

https://www.phoenixcontact.com/us/products/1206434



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



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

0801762

https://www.phoenixcontact.com/us/products/0801762



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

### NS 35/7,5 CAP - End cap

1206560

https://www.phoenixcontact.com/us/products/1206560

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





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

1201730

https://www.phoenixcontact.com/us/products/1201730

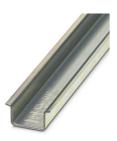


DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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

1201714

https://www.phoenixcontact.com/us/products/1201714



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



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https://www.phoenixcontact.com/us/products/3210170

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

0806602

https://www.phoenixcontact.com/us/products/0806602

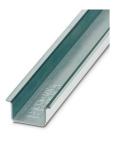


DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: white

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

1204135

https://www.phoenixcontact.com/us/products/1204135



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



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

1201756

https://www.phoenixcontact.com/us/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/us/products/1206599



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



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

1206586

https://www.phoenixcontact.com/us/products/1206586



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

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

1201895

https://www.phoenixcontact.com/us/products/1201895



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



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https://www.phoenixcontact.com/us/products/3210170

### NS 35/15 CAP - End cap

1206573

https://www.phoenixcontact.com/us/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/us/products/1201798



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



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https://www.phoenixcontact.com/us/products/3210170

#### ZB 5 :UNBEDRUCKT - Zack marker strip

1050004

https://www.phoenixcontact.com/us/products/1050004



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.1 x 10.5 mm, Number of individual labels: 10

#### ZB 5 CUS - Zack marker strip

0824962

https://www.phoenixcontact.com/us/products/0824962



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10



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https://www.phoenixcontact.com/us/products/3210170

#### ZB 5,LGS:FORTL.ZAHLEN - Zack marker strip

1050017

https://www.phoenixcontact.com/us/products/1050017



Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

### ZB 5,QR:FORTL.ZAHLEN - Zack marker strip

1050020

https://www.phoenixcontact.com/us/products/1050020



Zack marker strip, white, Printed vertically: consecutive numbers 1  $\dots$  10, 11  $\dots$  20, etc. up to 491  $\dots$  500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm



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### ZB 5,LGS:GLEICHE ZAHLEN - Zack marker strip

1050033

https://www.phoenixcontact.com/us/products/1050033



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: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

### ZB 5,LGS:L1-N,PE - Zack marker strip

1050415

https://www.phoenixcontact.com/us/products/1050415



Zack marker strip, Strip, white, labeled, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10



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https://www.phoenixcontact.com/us/products/3210170

#### UC-TM 5 - Marker for terminal blocks

0818108

https://www.phoenixcontact.com/us/products/0818108



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: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 96

#### UC-TM 5 CUS - Marker for terminal blocks

0824581

https://www.phoenixcontact.com/us/products/0824581



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: 5.2 mm, lettering field size:  $10.5 \times 4.6 \text{ mm}$ , Number of individual labels: 96



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https://www.phoenixcontact.com/us/products/3210170

#### UCT-TM 5 - Marker for terminal blocks

0828734

https://www.phoenixcontact.com/us/products/0828734



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: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

#### UCT-TM 5 CUS - Marker for terminal blocks

0829595

https://www.phoenixcontact.com/us/products/0829595



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: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72



3210170

https://www.phoenixcontact.com/us/products/3210170

#### GBS 5-25X5 - Group marker label for terminal marking

0829126

https://www.phoenixcontact.com/us/products/0829126



Group marking label, can be snapped into terminal center for screw, spring-cage, push-in, and fast connection terminal blocks, can be labeled with a 24 x 4 mm label or manually using B-STIFT, in the foot part with ZB 5

### ZBF 5:UNBEDRUCKT - Zack Marker strip, flat

0808642

https://www.phoenixcontact.com/us/products/0808642



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.1 x 5.2 mm, Number of individual labels: 10



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https://www.phoenixcontact.com/us/products/3210170

#### ZBF 5 CUS - Zack Marker strip, flat

0825025

https://www.phoenixcontact.com/us/products/0825025



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

### ZBF 5,LGS:FORTL.ZAHLEN - Zack Marker strip, flat

0808671

https://www.phoenixcontact.com/us/products/0808671



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1  $\dots$  10, 11  $\dots$  20, etc. up to 491  $\dots$  500, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10



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https://www.phoenixcontact.com/us/products/3210170

#### ZBF 5,QR:FORTL.ZAHLEN - Zack Marker strip, flat

0808697

https://www.phoenixcontact.com/us/products/0808697



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

### ZBF 5,LGS:GERADE ZAHLEN - Zack Marker strip, flat

0810821

https://www.phoenixcontact.com/us/products/0810821



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive even numbers 2 ... 20, 22 ... 40, etc. up to 82 ... 100, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10



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https://www.phoenixcontact.com/us/products/3210170

#### ZBF 5,LGS:UNGERADE ZAHLEN - Zack Marker strip, flat

0810863

https://www.phoenixcontact.com/us/products/0810863



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

#### UC-TMF 5 - Marker for terminal blocks

0818153

https://www.phoenixcontact.com/us/products/0818153



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:  $5.2 \, \text{mm}$ , lettering field size:  $4.6 \times 5.1 \, \text{mm}$ , Number of individual labels:  $96 \, \text{mm}$ 



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https://www.phoenixcontact.com/us/products/3210170

#### UC-TMF 5 CUS - Marker for terminal blocks

0824638

https://www.phoenixcontact.com/us/products/0824638



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.6 x 5.1 mm, Number of individual labels: 96

#### UCT-TMF 5 - Marker for terminal blocks

0828744

https://www.phoenixcontact.com/us/products/0828744



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: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72



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#### UCT-TMF 5 CUS - Marker for terminal blocks

0829658

https://www.phoenixcontact.com/us/products/0829658



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

### MPS-MT - Test plug

0201744

https://www.phoenixcontact.com/us/products/0201744



Test plug, with solder connection up to 1 mm<sup>2</sup> conductor cross section, number of positions: 1, color: gray



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https://www.phoenixcontact.com/us/products/3210170

### MPS-IH WH - Insulating sleeve

0201663

https://www.phoenixcontact.com/us/products/0201663

Insulating sleeve, color: white



### MPS-IH RD - Insulating sleeve

0201676

https://www.phoenixcontact.com/us/products/0201676

Insulating sleeve, color: red





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### MPS-IH BU - Insulating sleeve

0201689

https://www.phoenixcontact.com/us/products/0201689

Insulating sleeve, color: blue



### MPS-IH YE - Insulating sleeve

0201692

https://www.phoenixcontact.com/us/products/0201692

Insulating sleeve, color: yellow





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### MPS-IH GN - Insulating sleeve

0201702

https://www.phoenixcontact.com/us/products/0201702

Insulating sleeve, color: green



### MPS-IH GY - Insulating sleeve

0201728

https://www.phoenixcontact.com/us/products/0201728

Insulating sleeve, color: gray





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### MPS-IH BK - Insulating sleeve

0201731

https://www.phoenixcontact.com/us/products/0201731

Insulating sleeve, color: black



### ISH 2,5/0,2 - Insulating sleeve

3002843

https://www.phoenixcontact.com/us/products/3002843



Insulating sleeve, color: white



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### ISH 2,5/0,5 - Insulating sleeve

3002856

https://www.phoenixcontact.com/us/products/3002856



Insulating sleeve, color: gray

### ISH 2,5/1,0 - Insulating sleeve

3002869

https://www.phoenixcontact.com/us/products/3002869



Insulating sleeve, color: black



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### PAI-4-FIX-5/6 BU - Test adapter

3035975

https://www.phoenixcontact.com/us/products/3035975



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

### PAI-4-FIX-5/6 OG - Test adapter

3035974

https://www.phoenixcontact.com/us/products/3035974





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### PAI-4-FIX-5/6 YE - Test adapter

3035977

https://www.phoenixcontact.com/us/products/3035977



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

### PAI-4-FIX-5/6 RD - Test adapter

3035976

https://www.phoenixcontact.com/us/products/3035976





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### PAI-4-FIX-5/6 GN - Test adapter

3035978

https://www.phoenixcontact.com/us/products/3035978



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

### PAI-4-FIX-5/6 BK - Test adapter

3035980

https://www.phoenixcontact.com/us/products/3035980





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### PAI-4-FIX-5/6 GY - Test adapter

3035982

https://www.phoenixcontact.com/us/products/3035982



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

### PAI-4-FIX-5/6 VT - Test adapter

3035979

https://www.phoenixcontact.com/us/products/3035979





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### PAI-4-FIX-5/6 BN - Test adapter

3035981

https://www.phoenixcontact.com/us/products/3035981



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

### PAI-4-FIX-5/6 WH - Test adapter

3035983

https://www.phoenixcontact.com/us/products/3035983





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https://www.phoenixcontact.com/us/products/3210170

### PS-5 - Test plug

3030983

https://www.phoenixcontact.com/us/products/3030983



Test plug, Modular test plug, number of positions: 1, color: red

### DP PS-5 - Spacer plate

3036725

https://www.phoenixcontact.com/us/products/3036725



Spacer plate, depth: 29 mm, width: 5.2 mm, height: 22.4 mm, number of positions: 1, color: red



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### PS-5/2,3MM RD - Test plug

3038723

https://www.phoenixcontact.com/us/products/3038723



Test plug, number of positions: 1, color: red

### SZF 1-0,6X3,5 - Screwdriver

1204517

https://www.phoenixcontact.com/us/products/1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size:  $0.6 \times 3.5 \times 100$  mm, 2-component grip, with non-slip grip



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https://www.phoenixcontact.com/us/products/3210170

#### ST-BW - Actuation tool

1207608

https://www.phoenixcontact.com/us/products/1207608



Actuation tool, for all 2.5 mm<sup>2</sup> - 4.0 mm<sup>2</sup> spring-cages

#### PROJECT COMPLETE - Software

1050453

https://www.phoenixcontact.com/us/products/1050453



Intuitive planning and marking software for configuring terminal strips and for professional marking of marking materials for terminal blocks, conductors, cables, devices, and systems. The software is available for download



3210170

https://www.phoenixcontact.com/us/products/3210170

#### CRIMPFOX CENTRUS 6S - Crimping pliers

1213144

https://www.phoenixcontact.com/us/products/1213144



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14  $\text{mm}^2$  ... 6  $\text{mm}^2$ , also for TWIN ferrules up to 2 x 4  $\text{mm}^2$ , automatic cross section adjustment, lateral insertion, equipped with fall protection

### CRIMPFOX CENTRUS 10S - Crimping pliers

1213154

https://www.phoenixcontact.com/us/products/1213154



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from  $0.14~\text{mm}^2$  ...  $10~\text{mm}^2$ , also for TWIN ferrules up to  $2~\text{x}~4~\text{mm}^2$ , automatic cross section adjustment, lateral insertion, equipped with fall protection



3210170

https://www.phoenixcontact.com/us/products/3210170

#### CRIMPFOX CENTRUS 6H - Crimping pliers

1213146

https://www.phoenixcontact.com/us/products/1213146



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14  $\text{mm}^2$  ... 6  $\text{mm}^2$ , also for TWIN ferrules up to 2 x 4  $\text{mm}^2$ , automatic cross section adjustment, lateral insertion, equipped with fall protection

### CRIMPFOX CENTRUS 10H - Crimping pliers

1213156

https://www.phoenixcontact.com/us/products/1213156



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14  $\text{mm}^2$  ... 10  $\text{mm}^2$ , also for TWIN ferrules up to 2 x 4  $\text{mm}^2$ , automatic cross section adjustment, lateral insertion, equipped with fall protection



3210170

https://www.phoenixcontact.com/us/products/3210170

### CRIMPFOX 10S - Crimping pliers

1212045

https://www.phoenixcontact.com/us/products/1212045



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm<sup>2</sup> ... 10 mm<sup>2</sup>, unlockable pressure lock, lateral entry

### CRIMPFOX 6H - Crimping pliers

1212046

https://www.phoenixcontact.com/us/products/1212046



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm<sup>2</sup> ... 6 mm<sup>2</sup>, unlockable pressure lock, lateral entry



3210170

https://www.phoenixcontact.com/us/products/3210170

### CRIMPFOX 2,5-M - Crimping pliers

1212719

https://www.phoenixcontact.com/us/products/1212719



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4,  $0.25~\text{mm}^2$  ...  $2.5~\text{mm}^2$ , lateral entry, trapezoidal crimp

### CRIMPFOX 6-M - Crimping pliers

1212720

https://www.phoenixcontact.com/us/products/1212720



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp



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https://www.phoenixcontact.com/us/products/3210170

### CRIMPFOX 6 - Crimping pliers

1212034

https://www.phoenixcontact.com/us/products/1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25  $\text{mm}^2$  ... 6.0  $\text{mm}^2$ , lateral entry, trapezoidal crimp

### CRIMPFOX 6T - Crimping pliers

1212037

https://www.phoenixcontact.com/us/products/1212037



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25  $\text{mm}^2$  ... 6  $\text{mm}^2$ , lateral entry, trapezoidal crimp



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https://www.phoenixcontact.com/us/products/3210170

### CRIMPFOX 6T-F - Crimping pliers

1212038

https://www.phoenixcontact.com/us/products/1212038



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4,  $0.25~\text{mm}^2$  ...  $6~\text{mm}^2$ , front entry, trapezoidal crimp

### CRIMPFOX 6S-F - Crimping pliers

1212043

https://www.phoenixcontact.com/us/products/1212043



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.5  $\text{mm}^2$  ... 6  $\text{mm}^2$ , front entry, square crimp



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https://www.phoenixcontact.com/us/products/3210170

### CRIMPFOX-M - Crimping pliers

1212072

https://www.phoenixcontact.com/us/products/1212072



Basic pliers, for accommodating dies for a wide range of type of contacts

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