

3031128

https://www.phoenixcontact.com/in/products/3031128

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Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Spring-cage connection, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.08 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: gray

## Your advantages

- · The consistent double function shaft offers every opportunity for time-saving potential distribution and accommodating test accessories
- · User-friendly implementation of all potential branching tasks
- · Tested for railway applications
- · Space-saving and practical multi-conductor connection without additional bridges

### **Commercial Data**

Item number	3031128
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	BE2
Product Key	BE2112
Catalog Page	Page 207 (C-1-2019)
GTIN	4017918186647
Weight per Piece (including packing)	6.34 g
Weight per Piece (excluding packing)	5.86 g
Customs tariff number	85369010
Country of origin	DE



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## **Technical Data**

### Notes

General	
Note	When establishing a connection on the open housing side of a feed-through modular terminal block of the same series and size, the block must be provided with a cover if the expected insulation voltage is >320 V.
	The max. load current must not be exceeded by the total current of all connected conductors.

## Product properties

Product type	Multi-conductor terminal block
Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
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	0.56 W

## Connection data

Number of connections per level	3
Nominal cross section	1.5 mm <sup>2</sup>

## Level 1 above 1+2 below 1

Level 1 above 1+2 below 1	
Stripping length	8 mm 10 mm
Internal cylindrical gage	A1
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid	0.08 mm² 1.5 mm²
Cross section AWG	28 16 (converted acc. to IEC)
Conductor cross section flexible	0.08 mm² 1.5 mm²
Conductor cross section, flexible [AWG]	28 16 (converted acc. to IEC)
Flexible conductor cross section flexible (Ferrules without plastic sleeve)	0.14 mm² 1.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm² 1.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm²



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Nominal current	17.5 A (with 1.5 mm² conductor cross section)
Maximum load current	17.5 A (in case of a 1.5 mm² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal voltage	500 V
Nominal cross section	1.5 mm²

### Ex data

Identification	☐ II 2 GD Ex eb IIC Gb
Operating temperature range	-60 °C 110 °C
Ex-certified accessories	3030488 D-ST 2,5-TWIN
	3030789 ATP-ST-TWIN
	3036602 DS-ST 2,5
	1204504 SZF 0-0,4X2,5
	3022276 CLIPFIX 35-5
	3022218 CLIPFIX 35
List of bridges	Plug-in bridge / FBS 2-4 / 3030116
	Plug-in bridge / FBS 3-4 / 3030129
	Plug-in bridge / FBS 4-4 / 3030132
	Plug-in bridge / FBS 5-4 / 3030145
	Plug-in bridge / FBS 10-4 / 3030158
	Plug-in bridge / FBS 20-4 / 3030352
Bridge data	16.5 A / 1.5 mm²
Ex temperature increase	40 K (19.4 A / 1.5 mm²)
Rated voltage	440 V
for bridging with bridge	440 V
- At bridging between non-adjacent terminal blocks	352 V
- At cut-to-length bridging with cover	220 V
- At cut-to-length bridging with partition plate	275 V
Rated insulation voltage	400 V
output	(Permanent)

## Ex level General

Rated current	17.5 A
Maximum load current	17.5 A
Contact resistance	1.43 mΩ

## Ex connection data General

LX CONNECTION data General	
Nominal cross section	1.5 mm <sup>2</sup>
Rated cross section AWG	16
Connection capacity rigid	0.08 mm² 1.5 mm²
Connection capacity AWG	28 16
Connection capacity flexible	0.08 mm² 1.5 mm²
Connection capacity AWG	28 16



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### **Dimensions**

Width	4.2 mm
End cover width	2.2 mm
Height NS 35/15	44 mm
Height NS 35/7,5	36.5 mm
Height	1.437 "
Length	60.5 mm

## Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	1
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	7.3 kV
Result	Test passed
Temperature-rise test	
Requirement temperature-rise test	Increase in temperature ≤ 45 K

Requirement temperature-rise test	Increase in temperature ≤ 45 K
Result	Test passed
	Test passed
Short-time withstand current 1.5 mm²	0.18 kA
Result	Test passed

### Power-frequency withstand voltage

Test voltage setpoint	1.89 kV
Result	Test passed

## Mechanical properties

### Mechanical data



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Open side panel	Yes
Mechanical tests	
Wedianical tests	
Mechanical strength	
Result	Test passed
Attachment on the carrier	
DIN rail/fixing support	NS 32/NS 35
Test force setpoint	1 N
Result	Test passed
Test for conductor damage and slackening	
Rotation speed	10 (+/- 2) rpm
Revolutions  Conductor process continuousinht	135
Conductor cross section/weight	0.14 mm² / 0.2 kg
	0.2 mm <sup>2</sup> / 0.2 kg 1.5 mm <sup>2</sup> / 0.4 kg
Result	Test passed
Result	rest passeu
Environmental 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 <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz
ASD level	6.12 (m/s²)²/Hz
Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed
Shocks	
Specification	DIN EN 50155 (VDE 0115-200):2008-03
Pulse shape	Half-sine
Acceleration	5g
Shock duration	30
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)



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Result	Test passed
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 %
andards and regulations	
Connection in acc. with standard	IEC 60947-7-1
punting	
Mounting type	NS 35/7,5
	NS 35/15



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## Drawings

Circuit diagram





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## **Approvals**



CSA

Approval ID: 13631



**IECEE CB Scheme** 

Approval ID: DE1-63027\_A1



.R

Approval ID: LR2014888TA



KR

Approval ID: HMB17372-EL002



NK

Approval ID: 09 ME 140



RS

Approval ID: 22.44.01.00083.250



ΒV

Approval ID: 13403/D0 BV



VDE Zeichengenehmigung

Approval ID: 40009031



cULus Recognized

Approval ID: E60425



**ATEX** 

Approval ID: KEMA01ATEX2129U



**EAC Ex** 

Approval ID: RU C-DE.HA91.B.00066



**IECEx** 

Approval ID: IECEx KEM 06.0043U



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CCC

Approval ID: 2020322313000621



**NEPSI** 

Approval ID: GYJ20.1193U



UKCA-EX

Approval ID: DEKRA 21UKEX0302U



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## Classifications

### **ECLASS**

	ECLASS-10.0.1	27141120
	ECLASS-11.0	27141120
ETIM		
	ETIM 8.0	EC000897
	ICDCC	
UNSPSC		
	UNSPSC 21.0	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 2-4 - Plug-in bridge

3030116

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Plug-in bridge, pitch: 4.2 mm, number of positions: 2, color: red

Max. current carrying capacity: 17.5 A

## FBS 3-4 - Plug-in bridge

3030129

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Plug-in bridge, pitch: 4.2 mm, number of positions: 3, color: red

17.5 A Max. current carrying capacity: 17.5 A



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

3030132

https://www.phoenixcontact.com/in/products/3030132



Plug-in bridge, pitch: 4.2 mm, number of positions: 4, color: red

17.5 A Max. current carrying capacity: 17.5 A

## FBS 5-4 - Plug-in bridge

3030145

https://www.phoenixcontact.com/in/products/3030145



Plug-in bridge, pitch: 4.2 mm, number of positions: 5, color: red

1 Max. current carrying capacity: 17.5 A



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### FBS 10-4 - Plug-in bridge

3030158

https://www.phoenixcontact.com/in/products/3030158



Plug-in bridge, pitch: 4.2 mm, number of positions: 10, color: red



Max. current carrying capacity: 17.5 A

### FBS 20-4 - Plug-in bridge

3030352

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Plug-in bridge, pitch: 4.2 mm, number of positions: 20, color: red

Max. current carrying capacity: 17.5 A



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## FBS 2-4 BU - Plug-in bridge

3030117

https://www.phoenixcontact.com/in/products/3030117



Plug-in bridge, pitch: 4.2 mm, number of positions: 2, color: blue

17.5 A Max. current carrying capacity: 17.5 A

## FBS 3-4 BU - Plug-in bridge

3030130

https://www.phoenixcontact.com/in/products/3030130



Plug-in bridge, pitch: 4.2 mm, number of positions: 3, color: blue

17.5 A Max. current carrying capacity: 17.5 A



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

3030133

https://www.phoenixcontact.com/in/products/3030133



Plug-in bridge, pitch: 4.2 mm, number of positions: 4, color: blue

17.5 A Max. current carrying capacity: 17.5 A

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

3030146

https://www.phoenixcontact.com/in/products/3030146



Plug-in bridge, pitch: 4.2 mm, number of positions: 5, color: blue

17.5 A Max. current carrying capacity: 17.5 A



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## FBS 10-4 BU - Plug-in bridge

3036851

https://www.phoenixcontact.com/in/products/3036851



Plug-in bridge, pitch: 4.2 mm, number of positions: 10, color: blue

Max. current carrying capacity: 17.5 A

### FBS 20-4 BU - Plug-in bridge

3030353

https://www.phoenixcontact.com/in/products/3030353



Plug-in bridge, pitch: 4.2 mm, number of positions: 20, color: blue

Max. current carrying capacity: 17.5 A



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## FBS 2-4 GY - Plug-in bridge

3030118

https://www.phoenixcontact.com/in/products/3030118



Plug-in bridge, pitch: 4.2 mm, number of positions: 2, color: gray

17.5 A Max. current carrying capacity: 17.5 A

## FBS 3-4 GY - Plug-in bridge

3030131

https://www.phoenixcontact.com/in/products/3030131



Plug-in bridge, pitch: 4.2 mm, number of positions: 3, color: gray

17.5 A Max. current carrying capacity: 17.5 A



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### FBS 4-4 GY - Plug-in bridge

3030134

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Plug-in bridge, pitch: 4.2 mm, number of positions: 4, color: gray

17.5 A Max. current carrying capacity: 17.5 A

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

3030147

https://www.phoenixcontact.com/in/products/3030147



Plug-in bridge, pitch: 4.2 mm, number of positions: 5, color: gray

17.5 A Max. current carrying capacity: 17.5 A



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

3038943

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



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

Max. current carrying capacity: 24 A

### B-STIFT - Marker pen

1051993

https://www.phoenixcontact.com/in/products/1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm



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### X-PEN 0,35 - Marker pen

0811228

https://www.phoenixcontact.com/in/products/0811228



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness  $0.35\ \mathrm{mm}$ 

### D-ST 2,5-TWIN - End cover

3030488

https://www.phoenixcontact.com/in/products/3030488

End cover, length: 60.5 mm, width: 2.2 mm, height: 29 mm, color: gray





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### DS-ST 2,5 - Cover segment

3036602

https://www.phoenixcontact.com/in/products/3036602



End cover segments, large segment: 32.25 x 13.83 x 0.9, small segment: 22.65 x 11.65 x 0.9, color: gray

### ATP-ST-TWIN - Partition plate

3030789

https://www.phoenixcontact.com/in/products/3030789

Partition plate, length: 75.2 mm, width: 2 mm, height: 39 mm, color: gray





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### SZF 0-0,4X2,5 - Screwdriver

1204504

https://www.phoenixcontact.com/in/products/1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size:  $0.4 \times 2.5 \times 75$  mm, 2-component grip, with non-slip grip

### RPS - Reducing plug

0201647

https://www.phoenixcontact.com/in/products/0201647



Reducing plug, color: gray



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### D-ST 2,5-TWIN-0,8 OG - End cover

3030512

https://www.phoenixcontact.com/in/products/3030512

End cover, length: 60.5 mm, width: 0.8 mm, height: 29 mm, color: orange



### ST-IL - Mounting material

3039900

https://www.phoenixcontact.com/in/products/3039900

Operating decal for the ST terminal block





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### 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)

### 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)



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### 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)

#### 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)



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### 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)  $^{\circ}$ 

### 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)



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### 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)

### 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)



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### 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



### 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)



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### 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)

### 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)



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### 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)  $^{\circ}$ 

### 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



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### 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)

### 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)



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### 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)  $\,$ 

### NS 35/15 CAP - End cap

1206573

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

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





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### 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  $2.3\,\mathrm{mm}$ , color: silver, Pack of 10 (20 m)

### ZB 4 :UNBEDRUCKT - Zack marker strip

0805001

https://www.phoenixcontact.com/in/products/0805001



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 4.2 x 10.5 mm, Number of individual labels: 10



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### ZB 4 CUS - Zack marker strip

0824951

https://www.phoenixcontact.com/in/products/0824951



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 4.2 mm, lettering field size: 4.2 x 10.5 mm, Number of individual labels: 10

### ZB 4,LGS:FORTL.ZAHLEN - Zack marker strip

0805739

https://www.phoenixcontact.com/in/products/0805739



Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 4.2 x 10.5 mm, Number of individual labels: 10



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### ZB 4,QR:FORTL.ZAHLEN - Zack marker strip

#### 0805807

https://www.phoenixcontact.com/in/products/0805807



Zack marker strip, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 4.2 x 10.5 mm, Number of individual labels: 10

#### UC-TM 4 - Marker for terminal blocks

0818111

https://www.phoenixcontact.com/in/products/0818111



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: 4.2 mm, lettering field size:  $3.6 \times 10.5$  mm, Number of individual labels: 120



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### UC-TM 4 CUS - Marker for terminal blocks

0824573

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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: 4.2 mm, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 120

### UCT-TM 4 - Marker for terminal blocks

0828732

https://www.phoenixcontact.com/in/products/0828732



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: 4.2 mm, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 84



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### UCT-TM 4 CUS - Marker for terminal blocks

0829588

https://www.phoenixcontact.com/in/products/0829588



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: 4.2 mm, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 84

### STP 4-2-ZB - Marker carriers

3038613

https://www.phoenixcontact.com/in/products/3038613



Marker carriers, snaps into ST 1,5... spring-cage terminal blocks, can be marked with UC-TM 4, UCT-TMF 4, UCT-TMF 4, UCT-TMF 4, ZB 4, or ZBF 4, gray, unlabeled, mounting type: snapped, lettering field size: 4 x 10.5 mm



3031128

https://www.phoenixcontact.com/in/products/3031128

### ZBF 4:UNBEDRUCKT - Zack Marker strip, flat

0808587

https://www.phoenixcontact.com/in/products/0808587



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snapped, for terminal block width: 4 mm, lettering field size: 4.2 x 5.2 mm, Number of individual labels: 10

### ZBF 4 CUS - Zack Marker strip, flat

0825023

https://www.phoenixcontact.com/in/products/0825023



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: 4.2 mm, lettering field size: 4.2 x 5.2 mm, Number of individual labels: 10



3031128

https://www.phoenixcontact.com/in/products/3031128

### ZBF 4,LGS:FORTL.ZAHLEN - Zack Marker strip, flat

### 0808626

https://www.phoenixcontact.com/in/products/0808626



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 4 mm, lettering field size: 4.2 x 5.2 mm, Number of individual labels: 10

### ZBF 4,QR:FORTL.ZAHLEN - Zack Marker strip, flat

### 0808820

https://www.phoenixcontact.com/in/products/0808820



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1  $\dots$  10, 11  $\dots$  20, etc. up to 91  $\dots$  100, mounting type: snapped, for terminal block width: 4 mm, lettering field size: 4.2 x 5.2 mm, Number of individual labels: 10



3031128

https://www.phoenixcontact.com/in/products/3031128

### ZBF 4,LGS:GERADE ZAHLEN - Zack Marker strip, flat

0810818

https://www.phoenixcontact.com/in/products/0810818



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: 4 mm, lettering field size: 5.15 x 4.15 mm, Number of individual labels: 10

### ZBF 4,LGS:UNGERADE ZAHLEN - Zack Marker strip, flat

0810850

https://www.phoenixcontact.com/in/products/0810850



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: 4 mm, lettering field size: 5.15 x 4.15 mm, Number of individual labels: 10



3031128

https://www.phoenixcontact.com/in/products/3031128

### UC-TMF 4 - Marker for terminal blocks

0818166

https://www.phoenixcontact.com/in/products/0818166



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: 4.2 mm, lettering field size:  $3.6 \times 5.1$  mm, Number of individual labels: 120

### UC-TMF 4 CUS - Marker for terminal blocks

0824630

https://www.phoenixcontact.com/in/products/0824630



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: 4.2 mm, lettering field size: 3.6 x 5.1 mm, Number of individual labels: 120



3031128

https://www.phoenixcontact.com/in/products/3031128

### UCT-TMF 4 - Marker for terminal blocks

0828742

https://www.phoenixcontact.com/in/products/0828742



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: 4.2 mm, lettering field size: 3.4 x 4.7 mm, Number of individual labels: 90

### UCT-TMF 4 CUS - Marker for terminal blocks

0829651

https://www.phoenixcontact.com/in/products/0829651



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: 4.2 mm, lettering field size:  $3.4 \times 4.7$  mm, Number of individual labels: 90



3031128

https://www.phoenixcontact.com/in/products/3031128

## MPS-MT - Test plugs

0201744

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



Test plugs, with solder connection up to 1  $\mbox{mm}^2$  conductor cross section, color: gray

## MPS-IH WH - Insulating sleeve

0201663

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

Insulating sleeve, color: white





3031128

https://www.phoenixcontact.com/in/products/3031128

# MPS-IH RD - Insulating sleeve

0201676

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

Insulating sleeve, color: red



## MPS-IH BU - Insulating sleeve

0201689

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

Insulating sleeve, color: blue





3031128

https://www.phoenixcontact.com/in/products/3031128

# MPS-IH YE - Insulating sleeve

0201692

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

Insulating sleeve, color: yellow



## MPS-IH GN - Insulating sleeve

0201702

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

Insulating sleeve, color: green





3031128

https://www.phoenixcontact.com/in/products/3031128

# MPS-IH GY - Insulating sleeve

0201728

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

Insulating sleeve, color: gray



## MPS-IH BK - Insulating sleeve

0201731

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

Insulating sleeve, color: black





3031128

https://www.phoenixcontact.com/in/products/3031128

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

3206131

https://www.phoenixcontact.com/in/products/3206131



Insulating sleeve, color: white

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

3031034

https://www.phoenixcontact.com/in/products/3031034



Insulating sleeve, color: gray



3031128

https://www.phoenixcontact.com/in/products/3031128

## PAI-4 - Test adapter

3030925

https://www.phoenixcontact.com/in/products/3030925



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 4.2 mm pitch, color: gray

## PS-4 - Test plugs

3030970

https://www.phoenixcontact.com/in/products/3030970



Test plugs, Modular test plug, color: red



3031128

https://www.phoenixcontact.com/in/products/3031128

## DP PS-4 - Spacer plate

3036712

https://www.phoenixcontact.com/in/products/3036712



Spacer plate, length: 22.4 mm, width: 4.2 mm, height: 29 mm, number of positions: 1, color: red

## 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



3031128

https://www.phoenixcontact.com/in/products/3031128

## 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



3031128

https://www.phoenixcontact.com/in/products/3031128

## 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

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