

https://www.phoenixcontact.com/in/products/3211822



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Ground terminal, number of connections: 2, number of positions: 1, connection method: Push-in connection, cross section: 0.5 mm² - 10 mm², mounting type: NS 35/7,5, NS 35/15, color: green-vellow

## Your advantages

- The compact design and front connection enable wiring in a confined space<br/>
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- · In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- 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	3211822
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	BE2
Product Key	BE2221
Catalog Page	Page 111 (C-1-2019)
GTIN	4046356494779
Weight per Piece (including packing)	18.69 g
Weight per Piece (excluding packing)	18 g
Customs tariff number	85369010
Country of origin	CN



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## **Technical Data**

### Notes

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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	Ground terminal block
Number of positions	1
Area of application	Railway industry
	Machine building
	Plant engineering
Number of connections	2
Number of rows	1
Number of rows	1

#### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

# Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.31 W

#### Connection data

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	6 mm²
Note	Please observe the current carrying capacity of the DIN rails.
Stripping length	10 mm 12 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.5 mm² 10 mm²
Cross section AWG	20 8 (converted acc. to IEC)
Conductor cross section flexible	0.5 mm² 10 mm²
Conductor cross section, flexible [AWG]	20 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm² 6 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm² 6 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> 2.5 mm <sup>2</sup> When using TWIN ferrules, we recommend a minimum ferrule length of 13 mm.



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#### Connection cross sections directly pluggable

Conductor cross section rigid	1 mm² 10 mm²
Conductor cross-section flexible (ferrule without plastic sleeve)	1 mm² 6 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	1 mm² 6 mm²

#### Ex data

### Rated data (ATEX/IECEx)

Identification	☐ II 2 GD Ex eb IIC Gb
Operating temperature range	-60 °C 110 °C
Ex-certified accessories	3212044 D-PT 6
	1204520 SZF 2-0,8X4,0
	3022276 CLIPFIX 35-5
	3022218 CLIPFIX 35
output	(Permanent)

#### Ex connection data General

Ex definedian data General	
Nominal cross section	6 mm²
Rated cross section AWG	10
Connection capacity rigid	0.5 mm² 10 mm²
Connection capacity AWG	20 8
Connection capacity flexible	0.5 mm² 6 mm²
Connection capacity AWG	20 10

### **Dimensions**

Width	8.2 mm
End cover width	2.2 mm
Height	42.2 mm
Height NS 35/15	51 mm
Height NS 35/7,5	43.5 mm
Length	57.7 mm

## Material specifications

Color	green-yellow
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



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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

## Mechanical properties

### Mechanical data

Open side panel Yes	
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## Environmental and real-life conditions

#### 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
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):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 $^{\circ}\text{C}$ 105 $^{\circ}\text{C}$ (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 60947-7-2
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### Mounting

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

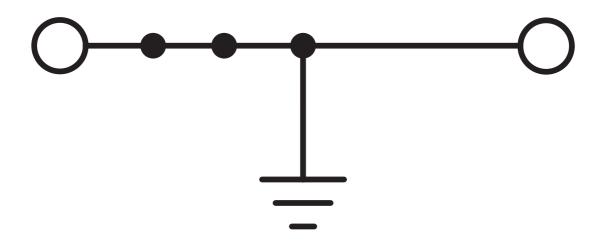
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# Drawings

### Circuit diagram





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# Approvals

CSA Approval ID: 13631				
	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
Use group B				
	-	-	20 - 8	-
Use group C				
	-	-	20 - 8	-
Use group D				
	-	-	20 - 8	-

CB scheme	IECEE CB Scheme Approval ID: DE1-65860				
		Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
		-	-	-	0.5 - 6

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

cULus Recogniz Approval ID: E60425	zed			
	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
Use group B				
	-	-	20 - 8	-
Use group C				
	-	-	20 - 8	-
Use group F				
	-	-	20 - 8	-
Use group D				
	-	-	20 - 8	-

	I D
Lloyds.	LR
regota	Approval ID: LR2371832TA

ClassNK	NK
CIG22141/	Approval ID: 22ME0007



RS

Approval ID: 22.44.01.00083.250



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BV

Approval ID: 37796/B1 BV

VDE Zeichengene Approval ID: 40035188	hmigung			
	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
	-	-	-	0.5 - 6

(2)	PRS
	Approval ID: TE/2107/880590/21

.71	<b>cUL Recognized</b> Approval ID: E192998				
		Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
		-	-	20 - 8	-

EH[Ex	EAC Ex
	Approval ID: RU C-DE.AB72.B.02351

II ( IEĈEX	IECEx
<b></b> 1.	Approval ID: IECEx SEV13.0005U

7/	<b>UL Recognized</b> Approval ID: E192998				
		Nominal Voltage $U_N$	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
		-	-	20 - 8	-

⟨Ex⟩	ATEX
<u>~~</u>	Approval ID: SEV13ATEX0159U

<b>(II)</b>	CCC
	Approval ID: 2020322313000631



**NEPSI** 

Approval ID: GYJ20.1198U



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# Classifications

UNSPSC 21.0

	ECLASS-11.0	27141141
ΕΊ	ТМ	
	ETIM 8.0	EC000901
U	ISPSC	

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

## FBS 2-8 - Plug-in bridge

3030284

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Plug-in bridge, pitch: 8.2 mm, number of positions: 2, color: red

### FBS 3-8 - Plug-in bridge

3030297

https://www.phoenixcontact.com/in/products/3030297



Plug-in bridge, pitch: 8.2 mm, number of positions: 3, color: red



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### FBS 4-8 - Plug-in bridge

3030307

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Plug-in bridge, pitch: 8.2 mm, number of positions: 4, color: red

### FBS 5-8 - Plug-in bridge

3030310

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Plug-in bridge, pitch: 8.2 mm, number of positions: 5, color: red



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### FBS 6-8 - Plug-in bridge

3032470

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Plug-in bridge, pitch: 8.2 mm, number of positions: 6, color: red

### FBS 10-8 - Plug-in bridge

3030323

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Plug-in bridge, pitch: 8.2 mm, number of positions: 10, color: red



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### FBS 2-8 CT - Plug-in bridge

3033830

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Plug-in bridge, pitch: 8.2 mm, number of positions: 2, color: orange

## FBS 3-8 CT - Plug-in bridge

3033831

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Plug-in bridge, pitch: 8.2 mm, number of positions: 3, color: orange



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### FBS 4-8 CT - Plug-in bridge

3033832

https://www.phoenixcontact.com/in/products/3033832



Plug-in bridge, pitch: 8.2 mm, number of positions: 4, color: orange

### FBS 10-8 CT - Plug-in bridge

3033833

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Plug-in bridge, pitch: 8.2 mm, number of positions: 10, color: orange



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### FBS 2-8 BU - Plug-in bridge

3032567

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Plug-in bridge, pitch: 8.2 mm, number of positions: 2, color: blue

## FBS 3-8 BU - Plug-in bridge

3032570

https://www.phoenixcontact.com/in/products/3032570



Plug-in bridge, pitch: 8.2 mm, number of positions: 3, color: blue



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### FBS 4-8 BU - Plug-in bridge

3032583

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Plug-in bridge, pitch: 8.2 mm, number of positions: 4, color: blue

### FBS 5-8 BU - Plug-in bridge

3032596

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Plug-in bridge, pitch: 8.2 mm, number of positions: 5, color: blue



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### FBS 6-8 BU - Plug-in bridge

3032677

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Plug-in bridge, pitch: 8.2 mm, number of positions: 6, color: blue

### FBS 10-8 BU - Plug-in bridge

3032606

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Plug-in bridge, pitch: 8.2 mm, number of positions: 10, color: blue



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### FBS 2-8 GY - Plug-in bridge

3032621

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Plug-in bridge, pitch: 8.2 mm, number of positions: 2, color: gray

## FBS 3-8 GY - Plug-in bridge

3032622

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Plug-in bridge, pitch: 8.2 mm, number of positions: 3, color: gray



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### FBS 4-8 GY - Plug-in bridge

3032635

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Plug-in bridge, pitch: 8.2 mm, number of positions: 4, color: gray

### FBS 5-8 GY - Plug-in bridge

3032648

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Plug-in bridge, pitch: 8.2 mm, number of positions: 5, color: gray



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### FBS 6-8 GY - Plug-in bridge

3032664

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Plug-in bridge, pitch: 8.2 mm, number of positions: 6, color: gray

### FBS 10-8 GY - Plug-in bridge

3032651

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Plug-in bridge, pitch: 8.2 mm, number of positions: 10, color: gray



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#### FBSRH 2-8 - Short-circuit connector

3033802

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Short-circuit connector, pitch: 8.2 mm, number of positions: 2, color: red

#### FBSRH 3-8 - Short-circuit connector

3033803

https://www.phoenixcontact.com/in/products/3033803



Short-circuit connector, pitch: 8.2 mm, number of positions: 3, color: red



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#### FBSRH 4-8 - Short-circuit connector

3033804

https://www.phoenixcontact.com/in/products/3033804



Short-circuit connector, pitch: 8.2 mm, number of positions: 4, color: red

### FBSR 2-8 - Plug-in bridge

3033808

https://www.phoenixcontact.com/in/products/3033808



Plug-in bridge, pitch: 8.2 mm, number of positions: 2, color: red



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### FBSR 3-8 - Plug-in bridge

3001597

https://www.phoenixcontact.com/in/products/3001597



Plug-in bridge, pitch: 8.2 mm, number of positions: 3, color: red

### FBSR 4-8 - Plug-in bridge

3000585

https://www.phoenixcontact.com/in/products/3000585



Plug-in bridge, pitch: 8.2 mm, number of positions: 4, color: red



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### FBSR 5-8 - Plug-in bridge

3033809

https://www.phoenixcontact.com/in/products/3033809



Plug-in bridge, pitch: 8.2 mm, number of positions: 5, color: red

### FBSR 10-8 - Plug-in bridge

3001599

https://www.phoenixcontact.com/in/products/3001599



Plug-in bridge, pitch: 8.2 mm, number of positions: 10, color: red



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### FBSR 16-8 - Plug-in bridge

3033816

https://www.phoenixcontact.com/in/products/3033816



Plug-in bridge, pitch: 8.2 mm, number of positions: 16, color: red

### D-PT 6 - End cover

3212044

https://www.phoenixcontact.com/in/products/3212044



End cover, length: 57.7 mm, width: 2.2 mm, height: 36 mm, color: gray



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### ATP-ST 6 - Partition plate

3024481

https://www.phoenixcontact.com/in/products/3024481



Partition plate, length: 73.5 mm, width: 2 mm, height: 47.2 mm, color: gray

### SZF 2-0,8X4,0 - Screwdriver

1204520

https://www.phoenixcontact.com/in/products/1204520



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size:  $0.8 \times 4.0 \times 100$  mm, 2-component grip, with non-slip grip



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### PT-IL - Mounting material

3208090

https://www.phoenixcontact.com/in/products/3208090

Operating decal for the push-in Technology



### WS PT 6 - Warning label

1029029

https://www.phoenixcontact.com/in/products/1029029



Warning label, yellow/black, labeled: Lightning flash, mounting type: plug in, for terminal block width: 8.2 mm



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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)



https://www.phoenixcontact.com/in/products/3211822



### 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)



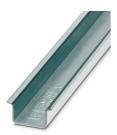
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#### NS 35/15 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

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 8:UNBEDRUCKT - Zack marker strip

1052002

https://www.phoenixcontact.com/in/products/1052002



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

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### ZB 8 CUS - Zack marker strip

0825011

https://www.phoenixcontact.com/in/products/0825011



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

### UC-TM 8 - Marker for terminal blocks

0818072

https://www.phoenixcontact.com/in/products/0818072



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: 8.2 mm, lettering field size:  $7.6 \times 10.5$  mm, Number of individual labels: 56



https://www.phoenixcontact.com/in/products/3211822



### UC-TM 8 CUS - Marker for terminal blocks

#### 0824597

https://www.phoenixcontact.com/in/products/0824597



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: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 56

## UCT-TM 8 - Marker for terminal blocks

### 0828740

https://www.phoenixcontact.com/in/products/0828740



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: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 42



https://www.phoenixcontact.com/in/products/3211822



### UCT-TM 8 CUS - Marker for terminal blocks

#### 0829616

https://www.phoenixcontact.com/in/products/0829616



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: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 42

### ZB 8,LGS:FORTL.ZAHLEN - Zack marker strip

#### 1052015

https://www.phoenixcontact.com/in/products/1052015



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 10.  $5 \times 8.15$  mm, Number of individual labels: 10



https://www.phoenixcontact.com/in/products/3211822



### ZB 8,QR:FORTL.ZAHLEN - Zack marker strip

1052028

https://www.phoenixcontact.com/in/products/1052028



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 10.  $5 \times 8.15$  mm, Number of individual labels: 10

### ZB 8,LGS:L1-N,PE - Marker for terminal blocks

1052413

https://www.phoenixcontact.com/in/products/1052413



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: 8.2 mm, lettering field size:  $10.5 \times 8.15$  mm, Number of individual labels: 10



https://www.phoenixcontact.com/in/products/3211822



### ZBF 8:UNBEDRUCKT - Zack Marker strip, flat

### 0808781

https://www.phoenixcontact.com/in/products/0808781



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10

### ZBF 8 CUS - Zack Marker strip, flat

#### 0825030

https://www.phoenixcontact.com/in/products/0825030



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: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10

3211822

https://www.phoenixcontact.com/in/products/3211822



### ZBF 8,LGS:FORTL.ZAHLEN - Zack Marker strip, flat

0808804

https://www.phoenixcontact.com/in/products/0808804



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 101 ... 110, mounting type: snapped, for terminal block width: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10

### UC-TMF 8 - Marker for terminal blocks

0818137

https://www.phoenixcontact.com/in/products/0818137



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: 8.2 mm, lettering field size:  $7.6\times5.1$  mm, Number of individual labels: 56



https://www.phoenixcontact.com/in/products/3211822



### UC-TMF 8 CUS - Marker for terminal blocks

#### 0824654

https://www.phoenixcontact.com/in/products/0824654



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: 8.2 mm, lettering field size: 7.6 x 5.1 mm, Number of individual labels: 56

### UCT-TMF 8 - Marker for terminal blocks

#### 0828748

https://www.phoenixcontact.com/in/products/0828748



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: 8.2 mm, lettering field size: 7.4 x 4.7 mm, Number of individual labels: 42



https://www.phoenixcontact.com/in/products/3211822



### UCT-TMF 8 CUS - Marker for terminal blocks

### 0829672

https://www.phoenixcontact.com/in/products/0829672



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: 8.2 mm, lettering field size: 7.4 x 4.7 mm, Number of individual labels: 42

### MPS-MT - Test plugs

### 0201744

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



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



https://www.phoenixcontact.com/in/products/3211822



## MPS-IH WH - Insulating sleeve

0201663

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

Insulating sleeve, color: white



### MPS-IH RD - Insulating sleeve

0201676

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

Insulating sleeve, color: red





https://www.phoenixcontact.com/in/products/3211822



## MPS-IH BU - Insulating sleeve

0201689

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

Insulating sleeve, color: blue



## MPS-IH YE - Insulating sleeve

0201692

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

Insulating sleeve, color: yellow





https://www.phoenixcontact.com/in/products/3211822



## MPS-IH GN - Insulating sleeve

0201702

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

Insulating sleeve, color: green



### MPS-IH GY - Insulating sleeve

0201728

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

Insulating sleeve, color: gray





https://www.phoenixcontact.com/in/products/3211822



## MPS-IH BK - Insulating sleeve

0201731

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

Insulating sleeve, color: black



## PAI-4-FIX BU - Test adapter

3032729

https://www.phoenixcontact.com/in/products/3032729



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 8.2 mm pitch, number of positions: 1, color: blue



https://www.phoenixcontact.com/in/products/3211822



### PAI-4-FIX OG - Test adapter

3034455

https://www.phoenixcontact.com/in/products/3034455



4 mm test adapter, for terminal blocks with 8.2 mm pitch

### PAI-4-FIX YE - Test adapter

3032745

https://www.phoenixcontact.com/in/products/3032745



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 8.2 mm pitch, number of positions: 1, color: yellow



https://www.phoenixcontact.com/in/products/3211822



### PAI-4-FIX RD - Test adapter

3032732

https://www.phoenixcontact.com/in/products/3032732



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 8.2 mm pitch, number of positions: 1, color: red

### PAI-4-FIX GN - Test adapter

3032758

https://www.phoenixcontact.com/in/products/3032758



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 8.2 mm pitch, number of positions: 1, color: green



https://www.phoenixcontact.com/in/products/3211822



### PAI-4-FIX BK - Test adapter

3032774

https://www.phoenixcontact.com/in/products/3032774



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 8.2 mm pitch, number of positions: 1, color: black

### PAI-4-FIX GY - Test adapter

3032790

https://www.phoenixcontact.com/in/products/3032790



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 8.2 mm pitch, number of positions: 1, color: gray



https://www.phoenixcontact.com/in/products/3211822



### PAI-4-FIX VT - Test adapter

3032761

https://www.phoenixcontact.com/in/products/3032761



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 . .. 8.2 mm pitch, number of positions: 1, color: violet

### PAI-4-FIX BN - Test adapter

3032787

https://www.phoenixcontact.com/in/products/3032787



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 8.2 mm pitch, number of positions: 1, color: brown



https://www.phoenixcontact.com/in/products/3211822



### PAI-4-FIX WH - Test adapter

3032797

https://www.phoenixcontact.com/in/products/3032797

4 mm test adapter, for terminal blocks with 8.2 mm pitch



### PAIS-4-FIX GY - Test adapter

3032791

https://www.phoenixcontact.com/in/products/3032791



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 5.2 mm, 6.2 mm, and 8.2 mm pitch, number of positions: 1, color: gray



https://www.phoenixcontact.com/in/products/3211822



### PAIS-4-FIX BK - Test adapter

3032792

https://www.phoenixcontact.com/in/products/3032792



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 5.2 mm, 6.2 mm, and 8.2 mm pitch, number of positions: 1, color: black

### PAIS-4-FIX RD - Test adapter

3032793

https://www.phoenixcontact.com/in/products/3032793



Test adapter, Do not plug in while the power is connected, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, number of positions: 1, color: red



https://www.phoenixcontact.com/in/products/3211822



### PAIS-4-FIX BU - Test adapter

3032798

https://www.phoenixcontact.com/in/products/3032798



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 5.2 mm, 6.2 mm, and 8.2 mm pitch, number of positions: 1, color: blue

### PAIS-4-FIX YE - Test adapter

3032799

https://www.phoenixcontact.com/in/products/3032799



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 5.2 mm, 6.2 mm, and 8.2 mm pitch, number of positions: 1, color: yellow



https://www.phoenixcontact.com/in/products/3211822



### PAIS-4-FIX GN - Test adapter

3032801

https://www.phoenixcontact.com/in/products/3032801



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 5.2 mm, 6.2 mm, and 8.2 mm pitch, number of positions: 1, color: green

### PAIS-4-FIX VT - Test adapter

3032802

https://www.phoenixcontact.com/in/products/3032802



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 5.2 mm, 6.2 mm, and 8.2 mm pitch, number of positions: 1, color: violet



https://www.phoenixcontact.com/in/products/3211822



### PS-8 - Test plugs

3031005

https://www.phoenixcontact.com/in/products/3031005



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

### DP PS-8 - Spacer plate

3036741

https://www.phoenixcontact.com/in/products/3036741



Spacer plate, length: 22.4 mm, width: 8.2 mm, height: 29 mm, number of positions: 1, color: red

3211822

https://www.phoenixcontact.com/in/products/3211822



## PS-8/2,3MM RD - Test plugs

3048564

https://www.phoenixcontact.com/in/products/3048564



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

### PROJECT COMPLETE - Software

1050453

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



https://www.phoenixcontact.com/in/products/3211822



### 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  $\,$ 



https://www.phoenixcontact.com/in/products/3211822



### TMT (EX9,5)R - Marker for terminal blocks

#### 0828295

https://www.phoenixcontact.com/in/products/0828295



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: snapped, snap into tall marker groove, lettering field size: 9.5 x 50000 mm, Number of individual labels: 1

### US-TM 100 - Marker for terminal blocks

#### 0829255

https://www.phoenixcontact.com/in/products/0829255



Marker for terminal blocks, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, lettering field size: 104 x 9.8 mm, Number of individual labels: 13



https://www.phoenixcontact.com/in/products/3211822



### 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

### 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



https://www.phoenixcontact.com/in/products/3211822



E/NS 35 N - End clamp

0800886

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



End clamp, width: 9.5 mm, color: gray

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