

# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

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Feed-through terminal block, nom. voltage: 1000 V, nominal current: 41 A, number of connections: 3, number of positions: 1, connection method: Push-in connection, Rated cross section: 6 mm<sup>2</sup>, cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: green

## Your advantages

- Clear wiring, thanks to lateral conductor entry
- The compact design enables wiring in a confined space
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system
- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off

## Commercial data

Item number	1291919
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE23
Product key	BE2312
GTIN	4063151524746
Weight per piece (including packing)	19.697 g
Weight per piece (excluding packing)	19.697 g
Customs tariff number	85369010
Country of origin	CN

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## Technical data

### Notes

#### General

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

Product type	Feed-through terminal block
Product family	PTV
Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
Number of positions	1
Number of connections	3
Number of rows	1

#### Insulation characteristics

Ovvoltage category	III
Degree of pollution	3

### Electrical properties

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

### Connection data

Number of connections per level	3
Nominal cross section	6 mm <sup>2</sup>
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Cross section AWG	20 ... 8 (converted acc. to IEC)
Conductor cross section flexible	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	20 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve)	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Nominal current	41 A
Maximum load current	52 A (with 10 mm <sup>2</sup> conductor cross section, rigid)
Nominal voltage	1000 V
Nominal cross section	6 mm <sup>2</sup>

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## Connection cross sections directly pluggable

Conductor cross section rigid	1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross section, rigid [AWG]	16 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	4 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	2.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>

## Ex data

### Rated data (ATEX/IECEx)

Identification	Ex II 2 G Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	1180923 D-PTV 6-TWIN 1182214 DS-PTV 6 3022276 CLIPFIX 35-5 1212602 SZS 0,6X3,5 VDE
List of bridges	Plug-in bridge / FBS 2-8 / 3030284 Plug-in bridge / FBS 3-8 / 3030297 Plug-in bridge / FBS 4-8 / 3030307 Plug-in bridge / FBS 5-8 / 3030310 Plug-in bridge / FBS 6-8 / 3032470 Plug-in bridge / FBS 10-8 / 3030323
Bridge data	36 A / 6 mm <sup>2</sup>
Ex temperature increase	40 K (35 A/6 mm <sup>2</sup> )
Rated voltage	550 V
for bridging with bridge	550 V
- At bridging between non-adjacent terminal blocks	352 V
- At bridging between non-adjacent terminal blocks via PE terminal block	352 V
- At cut-to-length bridging	220 V
- At cut-to-length bridging with cover	275 V
Rated insulation voltage	500 V
output	(Permanent)

### Ex level General

Rated current	35 A (6 mm <sup>2</sup> )
Maximum load current	45 A (10 mm <sup>2</sup> )
Contact resistance	0.6 mΩ

### Ex connection data General

Nominal cross section	6 mm <sup>2</sup>
Rated cross section AWG	10
Connection capacity rigid	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Connection capacity AWG	20 ... 8
Connection capacity flexible	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Connection capacity AWG	20 ... 8

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## Dimensions

Width	8.2 mm
End cover width	2.2 mm
Height	72.9 mm
Depth	57.6 mm
Depth on NS 35/7,5	59.1 mm
Depth on NS 35/15	66.6 mm

## Material specifications

Color	green
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA 6.6
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	
Result	Test passed

Temperature-rise test	
Requirement temperature-rise test	Increase in temperature ≤ 45 K
Result	Test passed
Short-time withstand current 6 mm <sup>2</sup>	0.72 kA
Result	Test passed

Power-frequency withstand voltage	
Test voltage setpoint	2.2 kV
Result	Test passed

## Mechanical properties

Mechanical data	
Open side panel	Yes

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## Mechanical tests

### Mechanical strength

Result	Test passed
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### Attachment on the carrier

DIN rail/fixing support	NS 35
Result	Test passed

### Test for conductor damage and slackening

Rotation speed	10 rpm
Revolutions	135
Conductor cross section/weight	0.5 mm <sup>2</sup> / 0.3 kg
	6 mm <sup>2</sup> / 1.4 kg
	10 mm <sup>2</sup> / 2 kg
Result	Test passed

## 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/s <sup>2</sup> ) <sup>2</sup> /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

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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, no longer than 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
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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

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1291919>

CB Scheme	IECEE CB Scheme			
	Approval ID: DE1-67001			
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
	1000 V	41 A	-	0.5 - 10

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

VDE Zeichengenehmigung	Approval ID: 40056061			
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
	1000 V	41 A	-	0.5 - 10

CCC	Approval ID: 2021122313114374			

IECEx	Approval ID: IECExPTB20.0037U			

ATEX	Approval ID: PTB20ATEX1016U			

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## Classifications

### ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250101

### ETIM

ETIM 9.0	EC000897
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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## Accessories



Note: Applying some accessories below might limit this product.

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

3030284

<https://www.phoenixcontact.com/us/products/3030284>

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



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

3030297

<https://www.phoenixcontact.com/us/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

<https://www.phoenixcontact.com/us/products/3030307>

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



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## FBS 5-8 - Plug-in bridge

3030310

<https://www.phoenixcontact.com/us/products/3030310>

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



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## FBS 6-8 - Plug-in bridge

3032470

<https://www.phoenixcontact.com/us/products/3032470>

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



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## FBS 10-8 - Plug-in bridge

3030323

<https://www.phoenixcontact.com/us/products/3030323>

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

<https://www.phoenixcontact.com/us/products/3033830>

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



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

3033831

<https://www.phoenixcontact.com/us/products/3033831>

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/us/products/3033832>

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



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

3033833

<https://www.phoenixcontact.com/us/products/3033833>

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

<https://www.phoenixcontact.com/us/products/3032567>

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/us/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

<https://www.phoenixcontact.com/us/products/3032583>

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



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

3032596

<https://www.phoenixcontact.com/us/products/3032596>

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

<https://www.phoenixcontact.com/us/products/3032677>

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



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

3032606

<https://www.phoenixcontact.com/us/products/3032606>

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

<https://www.phoenixcontact.com/us/products/3032621>

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



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

3032622

<https://www.phoenixcontact.com/us/products/3032622>

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



# PTV 6-TWIN GN - Feed-through terminal block



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

3032635

<https://www.phoenixcontact.com/us/products/3032635>

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



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

3032648

<https://www.phoenixcontact.com/us/products/3032648>

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



# PTV 6-TWIN GN - Feed-through terminal block



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<https://www.phoenixcontact.com/us/products/1291919>

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

3032664

<https://www.phoenixcontact.com/us/products/3032664>

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



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

3032651

<https://www.phoenixcontact.com/us/products/3032651>

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



# PTV 6-TWIN GN - Feed-through terminal block



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FBS 1/4/7/10-8 - Plug-in bridge

3032402

<https://www.phoenixcontact.com/us/products/3032402>

Plug-in bridge, pitch: 8.2 mm, number of positions: 10, pin assignment: 1,4,7,10,  
color: red



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FBS 1/3/5-8 - Plug-in bridge

3032389

<https://www.phoenixcontact.com/us/products/3032389>

Plug-in bridge, pitch: 8.2 mm, number of positions: 5, pin assignment: 1,3,5,  
color: red



# PTV 6-TWIN GN - Feed-through terminal block



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## FBS 1/5-8 - Plug-in bridge

3032381

<https://www.phoenixcontact.com/us/products/3032381>

Plug-in bridge, pitch: 8.2 mm, number of positions: 5, pin assignment: 1,5, color: red



## FBS 1/3-8 - Plug-in bridge

3032363

<https://www.phoenixcontact.com/us/products/3032363>

Plug-in bridge, pitch: 8.2 mm, number of positions: 3, pin assignment: 1,3, 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



 Max. current carrying capacity: 35 A

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## RB 16-6 - Reducing bridge

3047072

<https://www.phoenixcontact.com/us/products/3047072>

Reducing bridge, pitch: 12.2 mm, number of positions: 2, color: red



 Max. current carrying capacity: 37 A

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# PTV 6-TWIN GN - Feed-through terminal block



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RB ST 6-1,5/S - Reducing bridge

3213250

<https://www.phoenixcontact.com/us/products/3213250>

Reducing bridge, pitch: 8 mm, number of positions: 2, length: 30 mm, color: red



Max. current carrying capacity: 24 A

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DS-PTV 6 - Cover segment

1182214

<https://www.phoenixcontact.com/us/products/1182214>

Cover segment, color: gray



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NS 35/ 7,5 PERFORATED 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 UNPERFORATED 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

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# PTV 6-TWIN GN - Feed-through terminal block



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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

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# PTV 6-TWIN GN - Feed-through terminal block



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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

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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

# PTV 6-TWIN GN - Feed-through terminal block



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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



# PTV 6-TWIN GN - Feed-through terminal block



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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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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

# PTV 6-TWIN GN - Feed-through terminal block



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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

# PTV 6-TWIN GN - Feed-through terminal block



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<https://www.phoenixcontact.com/us/products/1291919>

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

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# PTV 6-TWIN GN - Feed-through terminal block



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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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NS 35/15 CAP - End cap

1206573

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

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



# PTV 6-TWIN GN - Feed-through terminal block



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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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ZB 8:UNBEDRUCKT - Zack marker strip

1052002

<https://www.phoenixcontact.com/us/products/1052002>



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

# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## ZB 8 CUS - Zack marker strip

0825011

<https://www.phoenixcontact.com/us/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/us/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 x 10.5 mm, Number of individual labels: 56

# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

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

0824597

<https://www.phoenixcontact.com/us/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



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## UCT-TM 8 - Marker for terminal blocks

0828740

<https://www.phoenixcontact.com/us/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



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

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

0829616

<https://www.phoenixcontact.com/us/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/us/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 x 8.15 mm, Number of individual labels: 10



# PTV 6-TWIN GN - Feed-through terminal block



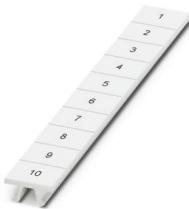
1291919

<https://www.phoenixcontact.com/us/products/1291919>

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

1052028

<https://www.phoenixcontact.com/us/products/1052028>

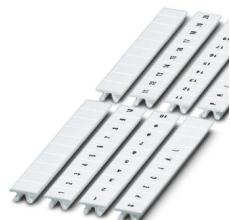


Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 10. 5 x 8.15 mm, Number of individual labels: 10

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

1052413

<https://www.phoenixcontact.com/us/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 x 8.15 mm, Number of individual labels: 10

# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

ZBF 8:UNBEDRUCKT - Zack Marker strip, flat

0808781

<https://www.phoenixcontact.com/us/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

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ZBF 8 CUS - Zack Marker strip, flat

0825030

<https://www.phoenixcontact.com/us/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

# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

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

0808804

<https://www.phoenixcontact.com/us/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



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UC-TMF 8 - Marker for terminal blocks

0818137

<https://www.phoenixcontact.com/us/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 x 5.1 mm, Number of individual labels: 56



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

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

0824654

<https://www.phoenixcontact.com/us/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



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## UCT-TMF 8 - Marker for terminal blocks

0828748

<https://www.phoenixcontact.com/us/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



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

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

0829672

<https://www.phoenixcontact.com/us/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 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



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## MPS-IH WH - Insulating sleeve

0201663

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

Insulating sleeve, color: white



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## MPS-IH RD - Insulating sleeve

0201676

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

Insulating sleeve, color: red



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## MPS-IH BU - Insulating sleeve

0201689

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

Insulating sleeve, color: blue



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## MPS-IH YE - Insulating sleeve

0201692

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

Insulating sleeve, color: yellow



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## MPS-IH GN - Insulating sleeve

0201702

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

Insulating sleeve, color: green



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## MPS-IH GY - Insulating sleeve

0201728

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

Insulating sleeve, color: gray



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## MPS-IH BK - Insulating sleeve

0201731

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

Insulating sleeve, color: black



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## PAI-4-FIX BU - Test adapter

3032729

<https://www.phoenixcontact.com/us/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



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## PAI-4-FIX OG - Test adapter

3034455

<https://www.phoenixcontact.com/us/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/us/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



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## PAI-4-FIX RD - Test adapter

3032732

<https://www.phoenixcontact.com/us/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/us/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

# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## PAI-4-FIX BK - Test adapter

3032774

<https://www.phoenixcontact.com/us/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/us/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

# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## PAI-4-FIX VT - Test adapter

3032761

<https://www.phoenixcontact.com/us/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 8.2 mm pitch, number of positions: 1, color: violet

## PAI-4-FIX BN - Test adapter

3032787

<https://www.phoenixcontact.com/us/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

# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## PAI-4-FIX WH - Test adapter

3032797

<https://www.phoenixcontact.com/us/products/3032797>



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: white

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## PAIS-4-FIX GY - Test adapter

3032791

<https://www.phoenixcontact.com/us/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

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# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## PAIS-4-FIX BK - Test adapter

3032792

<https://www.phoenixcontact.com/us/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

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## PAIS-4-FIX RD - Test adapter

3032793

<https://www.phoenixcontact.com/us/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

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# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## PAIS-4-FIX BU - Test adapter

3032798

<https://www.phoenixcontact.com/us/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

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## PAIS-4-FIX YE - Test adapter

3032799

<https://www.phoenixcontact.com/us/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

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# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## PAIS-4-FIX GN - Test adapter

3032801

<https://www.phoenixcontact.com/us/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

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## PAIS-4-FIX VT - Test adapter

3032802

<https://www.phoenixcontact.com/us/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

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# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## PS-8 - Test plug

3031005

<https://www.phoenixcontact.com/us/products/3031005>

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



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## DP PS-8 - Spacer plate

3036741

<https://www.phoenixcontact.com/us/products/3036741>

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



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

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

3048564

<https://www.phoenixcontact.com/us/products/3048564>

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



## D-PTV 6-TWIN - Cover

1180923

<https://www.phoenixcontact.com/us/products/1180923>

Cover, depth: 51.4 mm, width: 2.2 mm, height: 72.9 mm, color: gray



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## SZK PH0 VDE - Screwdriver

1205147

<https://www.phoenixcontact.com/us/products/1205147>

Screwdriver, PH crosshead, VDE insulated, size: PH 0 x 80 mm, 2-component grip, with non-slip grip



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## SZK PH1 VDE - Screwdriver

1205150

<https://www.phoenixcontact.com/us/products/1205150>

Screwdriver, PH crosshead, VDE insulated, size: PH 1 x 80 mm, 2-component grip, with non-slip grip



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## SZK PH2 VDE - Screwdriver

1205163

<https://www.phoenixcontact.com/us/products/1205163>

Screwdriver, PH crosshead, VDE insulated, size: PH 2 x 100 mm, 2-component grip, with non-slip grip



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## SZK PZ0 VDE - Screwdriver

1206447

<https://www.phoenixcontact.com/us/products/1206447>

Screwdriver, PZ crosshead, VDE insulated, size: PZ 0 x 80 mm, 2-component grip, with non-slip grip



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

## SZK PZ1 VDE - Screwdriver

1206450

<https://www.phoenixcontact.com/us/products/1206450>

Screwdriver, PZ crosshead, VDE insulated, size: PZ 1 x 80 mm, 2-component grip, with non-slip grip



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## SZK PZ2 VDE - Screwdriver

1206463

<https://www.phoenixcontact.com/us/products/1206463>

Screwdriver, PZ crosshead, VDE insulated, size: PZ 2 x 100 mm, 2-component grip, with non-slip grip



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

SZS 0,6X3,5 VDE - Screwdriver

1212602

<https://www.phoenixcontact.com/us/products/1212602>

Screwdriver, slot-headed, VDE insulated, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip



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SZS 0,8X4,0 VDE - Screwdriver

1212508

<https://www.phoenixcontact.com/us/products/1212508>

Screwdriver, slot-headed, VDE insulated, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

SZS 1,0X4,0 VDE - Screwdriver

1205066

<https://www.phoenixcontact.com/us/products/1205066>

Screwdriver, slot-headed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip



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SZS 1,0X5,5 VDE - Screwdriver

1209114

<https://www.phoenixcontact.com/us/products/1209114>

Screwdriver, slot-headed, VDE insulated, size: 1.0 x 5.5 x 125 mm, 2-component grip, with non-slip grip



# PTV 6-TWIN GN - Feed-through terminal block



1291919

<https://www.phoenixcontact.com/us/products/1291919>

SZS 1,0X6,5 VDE - Screwdriver

1205079

<https://www.phoenixcontact.com/us/products/1205079>

Screwdriver, slot-headed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip



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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



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