DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

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Fuse terminal block for cartridge fuse insert, cross section: 0.5-10 mm^2, AWG: 20-8, width: 12.2 mm, color: Black

Commercial data

Item number	3034264
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BE22
Product key	BE2235
Catalog page	Page 213 (CL-2009)
GTIN	4046356052818
Weight per piece (including packing)	26.318 g
Weight per piece (excluding packing)	25.047 g
Customs tariff number	85369095
Country of origin	PL

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Technical data

Product properties

Product type	Fuse terminal block
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Fuse type	Glass / ceramics / ...
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.77 W
Fuse	G / 5 x 20
LED voltage range	110 V AC ... 250 V AC
LED current range	0.5 mA ... 2.5 mA

Input data

LED voltage range	110 V AC ... 250 V AC

Connection data

Number of connections per level	2
Nominal cross section	2.5 mm²

Level 1 above 1

Stripping length	12 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 60947-7-3
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 ... 6 mm²
Conductor cross section, flexible [AWG]	20 ... 10 (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 mm² ... 1.5 mm²
Nominal current	10 A
Maximum load current	10 A (with 4 mm² conductor cross section)
Nominal voltage	500 V
Nominal cross section	1.5 mm²

Level 1 below 1

Stripping length	10 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.2 mm² ... 4 mm²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² ... 2.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² ... 2.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm²
Nominal current	10 A
Maximum load current	10 A
Nominal voltage	500 V
Nominal cross section	1.5 mm²

Dimensions

Width	12.2 mm
Height	71.5 mm
Depth on NS 35/7,5	51.3 mm
Depth on NS 35/15	58.8 mm

Material specifications

Color	black
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties

Mechanical data	
Open side panel	No

Environmental and real-life conditions

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Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-3
	IEC 60947-7-1

Mounting

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

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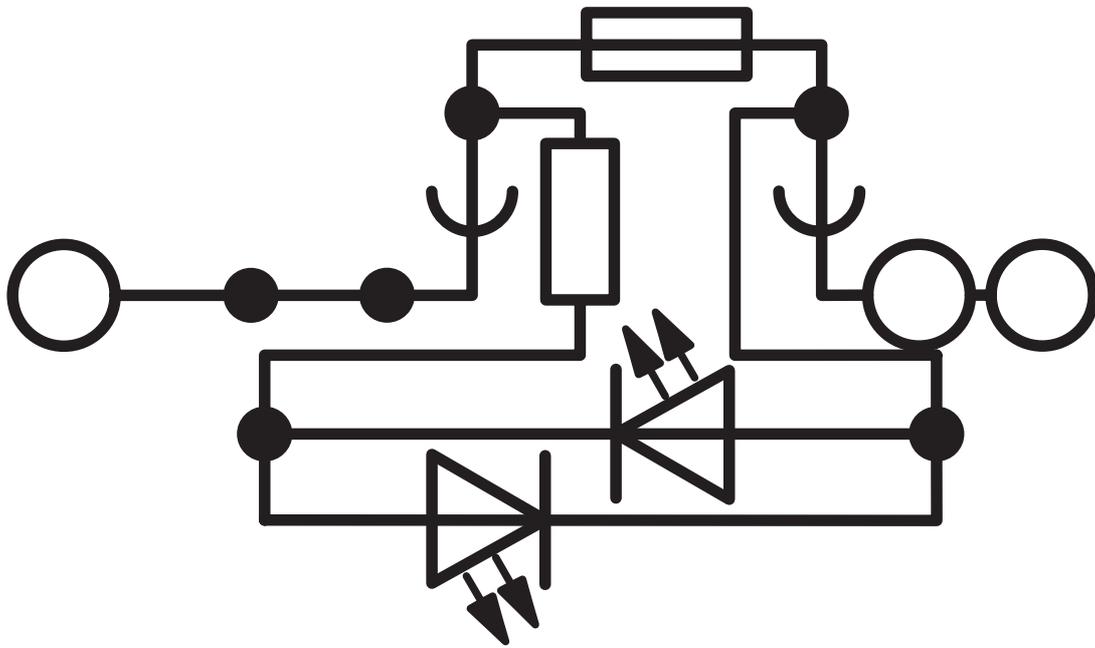
Drawings

Application drawing
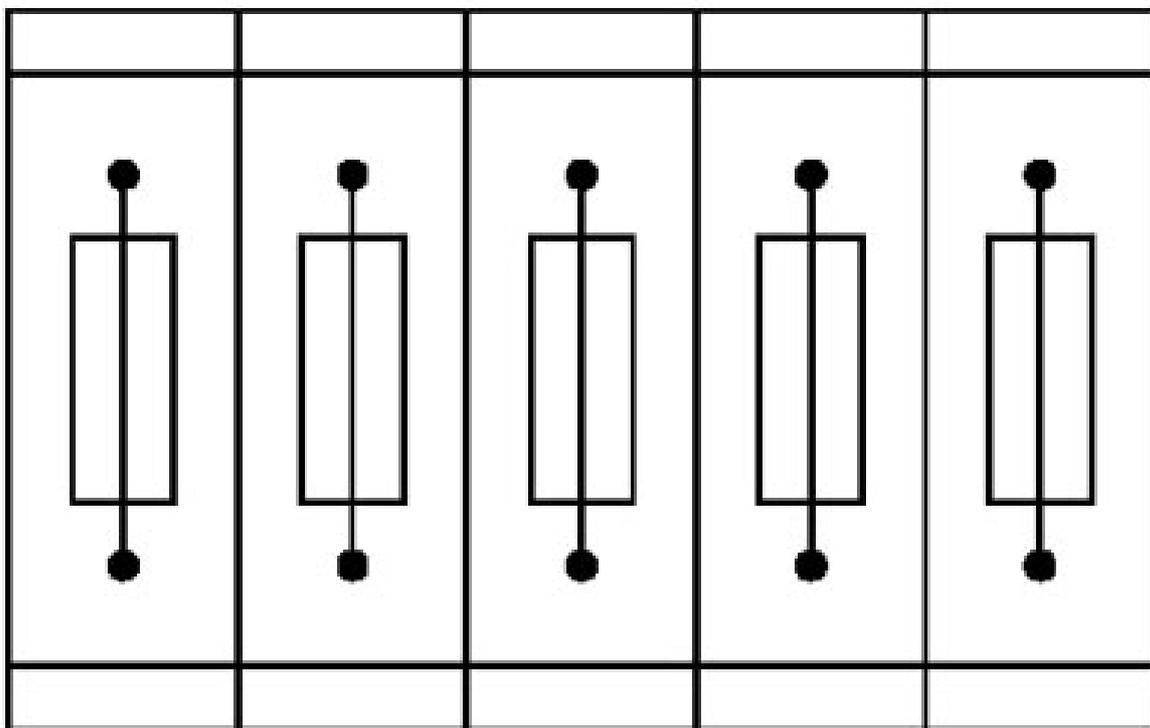
Fuse terminal blocks in interconnected arrangement,
block consisting of 5 fuse terminal blocks

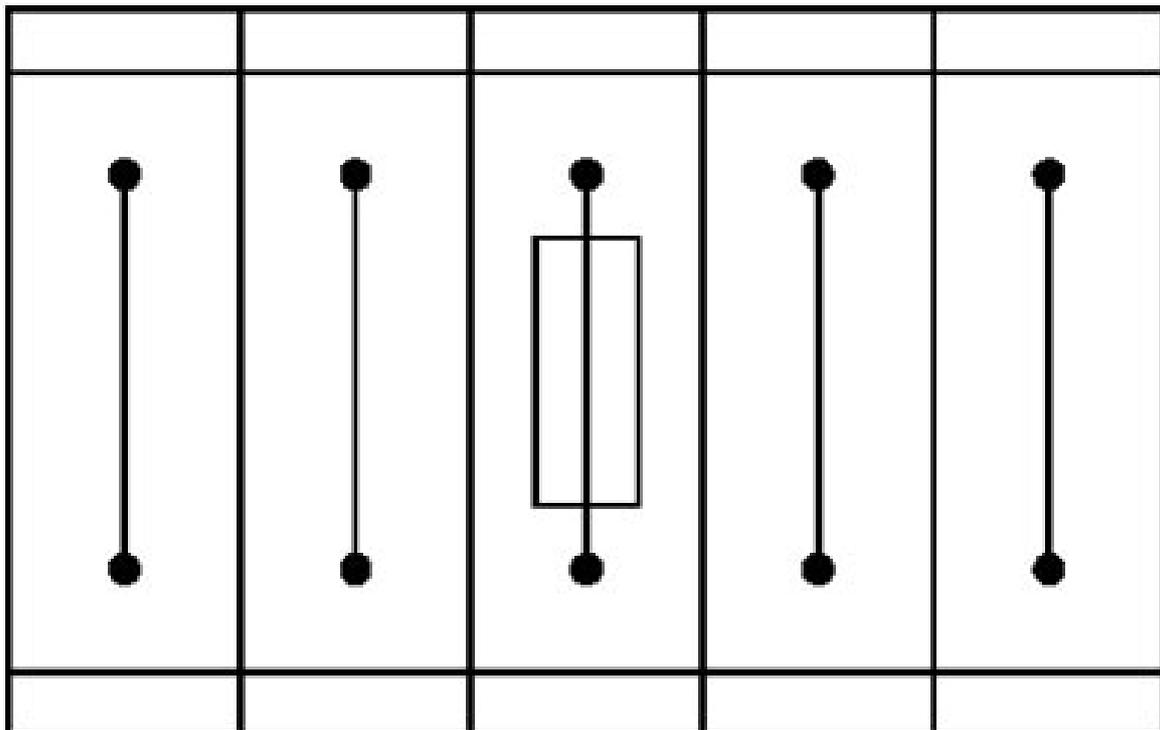# DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

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Circuit diagram

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

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Application drawing

Fuse terminal block in single arrangement,
block consisting of one fuse terminal block and 4 feed-through terminal blocks

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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3034264

IECEE CB Scheme
Approval ID: NL-23160

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

KEMA-KEUR
Approval ID: 71-104946

cULus Recognized
Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
Output	600 V	10 A	24 - 12	-
Input	600 V	10 A	20 - 8	-
Use group C				
Output	600 V	10 A	24 - 12	-
Input	600 V	10 A	20 - 8	-

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Classifications

ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27250113

ETIM

ETIM 9.0	EC000899

UNSPSC

UNSPSC 21.0	39121400

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	9b22c078-61da-4bfd-8b32-938314560e16

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

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Accessories

> ⓘ   Note: Applying some accessories below might limit this product.

FBS 2-6 - Plug-in bridge

3030336

https://www.phoenixcontact.com/us/products/3030336

Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: red

ⓘ Max. current carrying capacity: 24 A

FBS 3-6 - Plug-in bridge

3030242

https://www.phoenixcontact.com/us/products/3030242

Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: red

ⓘ Max. current carrying capacity: 24 A

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

FBS 4-6 - Plug-in bridge

3030255

https://www.phoenixcontact.com/us/products/3030255

Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: red

ⓘ Max. current carrying capacity: 24 A

FBS 5-6 - Plug-in bridge

3030349

https://www.phoenixcontact.com/us/products/3030349

Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: red

ⓘ Max. current carrying capacity: 24 A

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

FBS 10-6 - Plug-in bridge

3030271

https://www.phoenixcontact.com/us/products/3030271

Plug-in bridge, pitch: 6.2 mm, number of positions: 10, color: red

ⓘ Max. current carrying capacity: 24 A

FBS 20-6 - Plug-in bridge

3030365

https://www.phoenixcontact.com/us/products/3030365

Plug-in bridge, pitch: 6.2 mm, number of positions: 20, color: red

ⓘ Max. current carrying capacity: 24 A

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

FBS 6-6 - Plug-in bridge

1008238

https://www.phoenixcontact.com/us/products/1008238

Plug-in bridge, One side not fully isolated, pitch: 6.2 mm, number of positions: 6, color: red

ℹ Max. current carrying capacity: 24 A

FBS 2-6 BU - Plug-in bridge

3036932

https://www.phoenixcontact.com/us/products/3036932

Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: blue

ℹ Max. current carrying capacity: 24 A

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

FBS 3-6 BU - Plug-in bridge

3036945

https://www.phoenixcontact.com/us/products/3036945

Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: blue

ⓘ Max. current carrying capacity: 24 A

FBS 4-6 BU - Plug-in bridge

3036958

https://www.phoenixcontact.com/us/products/3036958

Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: blue

ⓘ Max. current carrying capacity: 24 A

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

FBS 5-6 BU - Plug-in bridge

3036961

https://www.phoenixcontact.com/us/products/3036961

Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: blue

ⓘ Max. current carrying capacity: 24 A

FBS 10-6 BU - Plug-in bridge

3032198

https://www.phoenixcontact.com/us/products/3032198

Plug-in bridge, pitch: 6.2 mm, number of positions: 10, color: blue

ⓘ Max. current carrying capacity: 24 A

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

FBS 20-6 BU - Plug-in bridge

3032208

https://www.phoenixcontact.com/us/products/3032208

Plug-in bridge, pitch: 6.2 mm, number of positions: 20, color: blue

ⓘ Max. current carrying capacity: 24 A

FBS 50-6 BU - Plug-in bridge

3032211

https://www.phoenixcontact.com/us/products/3032211

Plug-in bridge, pitch: 6.2 mm, number of positions: 50, color: blue

ⓘ Max. current carrying capacity: 24 A

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

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

0801733

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

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

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

0801681

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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular 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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

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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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

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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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular 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

NS 35/15 CAP - End cap

1206573

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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

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

PS-6 - Test plug

3030996

https://www.phoenixcontact.com/us/products/3030996

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

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PS-6/2,3MM RD - Test plug

3038736

https://www.phoenixcontact.com/us/products/3038736

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

CLIPFIX 35 - End bracket

3022218

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

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CLIPFIX 35-5 - End bracket

3022276

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

0800886

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

End clamp, width: 9.5 mm, color: gray

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

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E/UK - End bracket

1201442

https://www.phoenixcontact.com/us/products/1201442

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

E/UK 1 - End bracket

1201413

https://www.phoenixcontact.com/us/products/1201413

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

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

3035975

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

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

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

3035974

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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

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

3035977

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

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

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

3035976

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

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

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

3035978

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

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

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

3035980

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

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

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

3035982

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

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

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

3035979

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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

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

3035981

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

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

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

3035983

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

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

DT 6/2,5-DREHSILA 250 (5X20) - Fuse modular terminal block

3034264

https://www.phoenixcontact.com/us/products/3034264

SZF 1-0,6X3,5 - Screwdriver

1204517

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

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

ST-BW - Actuation tool

1207608

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

Actuation tool, for all 2.5 mm^2 - 4.0 mm^2 spring-cages