#### 3211771

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, connection method: Push-in connection, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: gray

### Your advantages

- · In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- · The compact design and front connection enable wiring in a confined space<br/>
- 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	3211771	
Packing unit	1 pc	
Minimum order quantity	50 pc	
Sales Key	B02	
Product Key	BE2212	
Catalog Page	Page 99 (C-1-2019)	
GTIN	4046356482639	
Weight per Piece (including packing)	10.84 g	
Weight per Piece (excluding packing)	10 g	
Customs tariff number	85369010	
Country of origin	CN	

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### **Technical Data**

roduct type	Multi-conductor terminal block
rea of application	Railway industry
lumber of connections	3
lumber of rows	1
Potentials	1
lation characteristics	
Overvoltage category	Ш
Degree of pollution	3
ical properties	
Rated surge voltage	8 kV
laximum power dissipation for nominal condition	1.02 W
ection data	
lumber of connections per level	3
lominal cross section	4 mm <sup>2</sup>
tripping length	10 mm 12 mm
nternal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid	0.2 mm <sup>2</sup> 6 mm <sup>2</sup>
Cross section AWG	24 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm <sup>2</sup> 6 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	24 10 (converted acc. to IEC)
lexible conductor cross section flexible (ferrule, w/o plastic leeve)	0.25 mm² 4 mm²
lexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² 4 mm²
conductors with the same cross section, flexible, with TWIN errule with plastic sleeve	0.5 mm² 1 mm²
lominal current	32 A
laximum load current	36 A (with 6 mm <sup>2</sup> conductor cross section, rigid)
lominal voltage	800 V
lominal cross section	4 mm <sup>2</sup>
nection cross sections directly pluggable	
Conductor cross section solid	0.5 mm <sup>2</sup> 6 mm <sup>2</sup>
lexible conductor cross section flexible (ferrule, w/o plastic leeve)	0.75 mm² 4 mm²
lexible conductor cross section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> 4 mm <sup>2</sup>

#### Ex data

Rated data (ATEX/IECEx)



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ATEX certificate	PTB 09 ATEX 1112 U	
IEC Ex certificate	IECEx PTB 10.0046 U	
Identification	□ II 2 G Ex eb IIC Gb	
Operating temperature range	-60 °C 110 °C	
Ex-certified accessories	3208977 D-PT 4-TWIN	
	3030789 ATP-ST-TWIN	
	1204517 SZF 1-0,6X3,5	
	3022276 CLIPFIX 35-5	
	3022218 CLIPFIX 35	
List of bridges	Plug-in bridge / FBS 2-6 / 3030336	
	Plug-in bridge / FBS 3-6 / 3030242	
	Plug-in bridge / FBS 4-6 / 3030255	
	Plug-in bridge / FBS 5-6 / 3030349	
	Plug-in bridge / FBS 10-6 / 3030271	
	Plug-in bridge / FBS 20-6 / 3030365	
Bridge data	25 A / 4 mm²	
Ex temperature increase	40 K (26 A / 4 mm²)	
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	
- At cut-to-length bridging with partition plate	550 V	
Rated insulation voltage	500 V	
output	(Permanent)	
x level General		
Rated current	26 A (4 mm²)	
Maximum load current	30 A (6 mm²)	
Contact resistance	0.64 mΩ	
ex connection data General		
Nominal cross section	4 mm <sup>2</sup>	
Rated cross section AWG	12	
Connection capacity rigid	0.2 mm² 6 mm²	
Connection capacity AWG	24 10	
Connection capacity flexible	0.2 mm² 4 mm²	
Connection capacity AWG	24 12	

### Dimensions

Width	6.2 mm
End cover width	2.2 mm
Height NS 35/15	44 mm

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Height NS 35/7,5	36.5 mm
Height	1.437 "
Length	66.5 mm

#### Material specifications

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Color	gray
Flammability rating according to UL 94	V0
Insulating material group	1
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	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

Test voltage setpoint	9.8 kV
Result	Test passed
mperature-rise test	
Requirement temperature-rise test	Increase in temperature ≤ 45 K
Result	Test passed
Short-time withstand current 4 mm <sup>2</sup>	0.48 kA
Short-time withstand current 6 mm <sup>2</sup>	0.72 kA
Result	Test passed
wer-frequency withstand voltage	
Test voltage setpoint	2 kV
Result	Test passed

	Mechanical data	
	Open side panel	Yes
N 4 -		

### Mechanical tests

Mechanical strength

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Result	Test passed	
Attachment on the carrier		
DIN rail/fixing support	NS 35	
Test force setpoint	1 N	
Result	Test passed	
Test for conductor damage and slackening Rotation speed	10 rpm	
Revolutions	135	
Conductor cross section/weight	0.2 mm² / 0.2 kg	
	4 mm² / 0.9 kg	
	6 mm² / 1.4 kg	

#### Environmental and real-life conditions

Temperature cycles	192	
Result	Test passed	
eedle-flame test		
Time of exposure	30 s	
Result	Test passed	
scillation/broadband noise		
Specification	DIN EN 50155 (VDE 0115-200):2008-03	
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	
hocks		
Specification	DIN EN 50155 (VDE 0115-200):2008-03	
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	
mbient conditions		
Ambient temperature (operation)	-60 °C 105 °C (max. short-term operating temperature RTI Elec.)	

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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 60947-7-1			
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				
	600 V	30 A	24 - 10	-
Use group C				
	600 V	30 A	24 - 10	-

IECEE CB Scheme Approval ID: DE1-65853				
	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
	800 V	32 A	-	0.2 - 4



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

CULus Recogniz Approval ID: E60425	Approval ID: E60425			
	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
Use group B				
	600 V	30 A	24 - 10	-
Use group C				
	600 V	30 A	24 - 10	-



LR Approval ID: 12/20038 (E3)



NK Approval ID: 22ME0007

RS Approval ID: 22.44.01.00083.250

Approval ID: 39980/B0 BV

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k - PT 4-TWIN	

	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
	800 V	32 A	-	0.2 - 4
PRS Approval ID: TE/2107/8	880590/21			
ABS Approval ID: 21-2192245-P	DA			
DNV Approval ID: TAE000010T				
	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
			-	-
CUL Recognized Approval ID: E19299				
	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
	550 V	30 A	24 - 10	-
IECEx Approval ID: IECI	ExPTB10.0046U			
	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
y flexible ductors	550 V	26 A	-	0.2 - 4
y rigid conductors	550 V	30 A	-	0.2 - 6

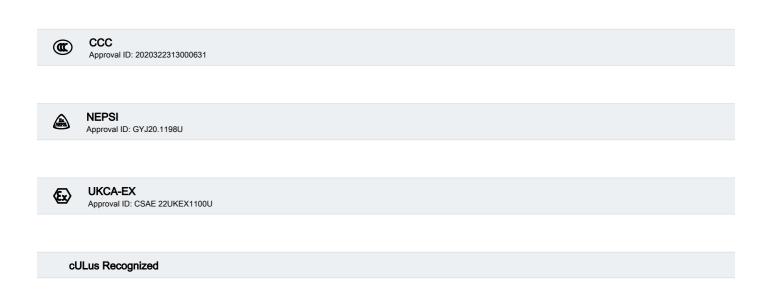
Approval ID: E192998				
	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
	550 V	30 A	24 - 10	-

ATEX Approval ID: PTB09ATE	ATEX Approval ID: PTB09ATEX1112U			
	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
Only flexible conductors	550 V	26 A	-	0.2 - 4
Only rigid conductors	550 V	30 A	-	0.2 - 6



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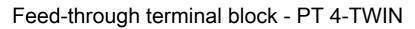
### Classifications

#### ECLASS

ECLASS-9.0	27141120
ECLASS-10.0.1	27141120
ECLASS-11.0	27141120

#### ETIM

	ETIM 8.0	EC000897
UNSPSC		
	UNSPSC 21.0	39121400



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### **Environmental Product Compliance**

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

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### Accessories

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Note: Applying some accessories below might limit this product.

#### Plug-in bridge

Plug-in bridge - FBS 2-6 - 3030336 https://www.phoenixcontact.com/us/products/3030336



Plug-in bridge, pitch: 6.2 mm, color: red

Max. current carrying capacity: 32 A

#### Plug-in bridge

Plug-in bridge - FBS 3-6 - 3030242 https://www.phoenixcontact.com/us/products/3030242

Plug-in bridge, pitch: 6.2 mm, color: red



6 Max. current carrying capacity: 32 A

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Plug-in bridge

Plug-in bridge - FBS 4-6 - 3030255 https://www.phoenixcontact.com/us/products/3030255



Plug-in bridge, pitch: 6.2 mm, color: red

Max. current carrying capacity: 32 A

Plug-in bridge

Plug-in bridge - FBS 5-6 - 3030349 https://www.phoenixcontact.com/us/products/3030349



Plug-in bridge, pitch: 6.2 mm, color: red

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Plug-in bridge

Plug-in bridge - FBS 6-6 - 1008238 https://www.phoenixcontact.com/us/products/1008238



Plug-in bridge, Version with single- or double-sided cutting edge. Keep in mind the possible impact on touch protection as well as the air clearances and creepage distances. For applications in explosion-proof areas, the voltage reduces to the voltage specified in the Ex certificate for bridges that are cut to length., One side not fully isolated, pitch: 6.2 mm, color: red

Max. current carrying capacity: 32 A

#### Plug-in bridge

Plug-in bridge - FBS 10-6 - 3030271 https://www.phoenixcontact.com/us/products/3030271



Plug-in bridge, pitch: 6.2 mm, color: red

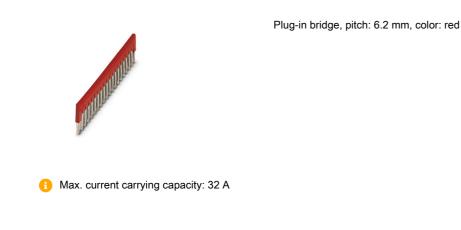
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Plug-in bridge

Plug-in bridge - FBS 20-6 - 3030365 https://www.phoenixcontact.com/us/products/3030365



Plug-in bridge

Plug-in bridge - FBSR 2-6 - 3033715 https://www.phoenixcontact.com/us/products/3033715



Plug-in bridge, pitch: 6.2 mm, color: red

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Plug-in bridge

Plug-in bridge - FBSR 3-6 - 3001594 https://www.phoenixcontact.com/us/products/3001594



Plug-in bridge, pitch: 6.2 mm, color: red

1 Max. current carrying capacity: 24 A

Plug-in bridge

Plug-in bridge - FBSR 4-6 - 3001595 https://www.phoenixcontact.com/us/products/3001595



Plug-in bridge, pitch: 6.2 mm, color: red

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Plug-in bridge

Plug-in bridge - FBSR 5-6 - 3001596 https://www.phoenixcontact.com/us/products/3001596



Plug-in bridge, pitch: 6.2 mm, color: red

Max. current carrying capacity: 24 A

Plug-in bridge

Plug-in bridge - FBSR 10-6 - 3033716 https://www.phoenixcontact.com/us/products/3033716



Plug-in bridge, pitch: 6.2 mm, color: red

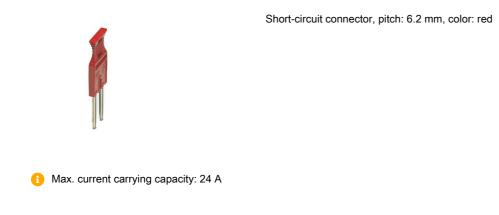
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Short-circuit connector

Short-circuit connector - FBSRH 2-6 - 3033812 https://www.phoenixcontact.com/us/products/3033812



Plug-in bridge

Plug-in bridge - FBS 2-6 BU - 3036932 https://www.phoenixcontact.com/us/products/3036932



Plug-in bridge, pitch: 6.2 mm, color: blue

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Plug-in bridge

Plug-in bridge - FBS 3-6 BU - 3036945 https://www.phoenixcontact.com/us/products/3036945



Plug-in bridge, pitch: 6.2 mm, color: blue

Max. current carrying capacity: 32 A

Plug-in bridge

Plug-in bridge - FBS 4-6 BU - 3036958 https://www.phoenixcontact.com/us/products/3036958



Plug-in bridge, pitch: 6.2 mm, color: blue

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Plug-in bridge

Plug-in bridge - FBS 5-6 BU - 3036961 https://www.phoenixcontact.com/us/products/3036961



Plug-in bridge, pitch: 6.2 mm, color: blue

Max. current carrying capacity: 32 A

Plug-in bridge

Plug-in bridge - FBS 10-6 BU - 3032198 https://www.phoenixcontact.com/us/products/3032198



Plug-in bridge, pitch: 6.2 mm, color: blue

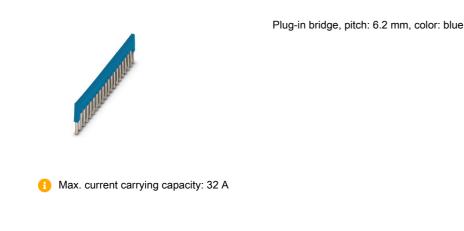
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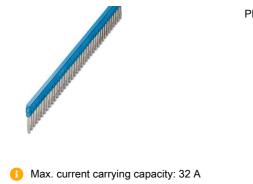
Plug-in bridge

Plug-in bridge - FBS 20-6 BU - 3032208 https://www.phoenixcontact.com/us/products/3032208



Plug-in bridge

Plug-in bridge - FBS 50-6 BU - 3032211 https://www.phoenixcontact.com/us/products/3032211



Plug-in bridge, pitch: 6.2 mm, color: blue

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Reducing bridge

Reducing bridge - RB ST (2,5/4)-1,5/S - 3214356 https://www.phoenixcontact.com/us/products/3214356



Reducing bridge, pitch: 6.7 mm, color: red

Max. current carrying capacity: 24 A

Reducing bridge

Reducing bridge - RB ST 6-(2,5/4) - 3030860 https://www.phoenixcontact.com/us/products/3030860



Reducing bridge, pitch: 9 mm, color: red

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Reducing bridge

Reducing bridge - RB ST 16-(2,5/4) - 3030886 https://www.phoenixcontact.com/us/products/3030886



Reducing bridge, pitch: 11 mm, color: red

6 Max. current carrying capacity: 35 A

Reducing bridge

Reducing bridge - RB ST 35-(2,5/4) - 3030899 https://www.phoenixcontact.com/us/products/3030899



Reducing bridge, pitch: 11 mm, color: red

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Reducing bridge

Reducing bridge - RB ST (2,5/4)-1,5 - 3038943 https://www.phoenixcontact.com/us/products/3038943



Reducing bridge, pitch: 7.1 mm, color: red

Max. current carrying capacity: 24 A

Reducing bridge

Reducing bridge - RB UT 6-ST(2,5/4) - 3047264 https://www.phoenixcontact.com/us/products/3047264



Reducing bridge, pitch: 9.5 mm, color: red

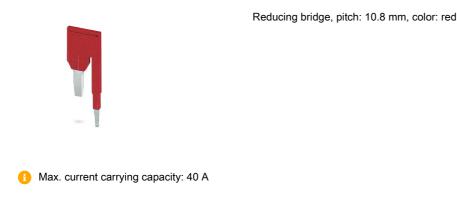
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Reducing bridge

Reducing bridge - RB UT 35-ST(2,5/4) - 3047280 https://www.phoenixcontact.com/us/products/3047280



Reducing bridge

Reducing bridge - RB UT 10-ST(2,5/4) - 3047086 https://www.phoenixcontact.com/us/products/3047086



Reducing bridge, pitch: 10.2 mm, color: red

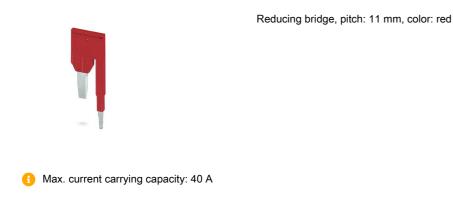
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Reducing bridge

Reducing bridge - RB UT 16-ST(2,5/4) - 3047099 https://www.phoenixcontact.com/us/products/3047099



Reducing bridge

Reducing bridge - RB ST 10-(2,5/4) - 3030873 https://www.phoenixcontact.com/us/products/3030873



Reducing bridge, pitch: 10 mm, color: red

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End cover

End cover - D-PT 4-TWIN - 3208977 https://www.phoenixcontact.com/us/products/3208977

End cover, length: 66.5 mm, width: 2.2 mm, height: 29 mm, color: gray



#### Partition plate

Partition plate - ATP-ST-TWIN - 3030789 https://www.phoenixcontact.com/us/products/3030789

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



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Screwdriver

Screwdriver - SZF 1-0,6X3,5 - 1204517 https://www.phoenixcontact.com/us/products/1204517



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

#### Group marker label for terminal marking

Group marker label for terminal marking - GBS 5-25X12 - 0810588 https://www.phoenixcontact.com/us/products/0810588



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

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#### Group marker label for terminal marking

Group marker label for terminal marking - GBS-ZB/26X6 - 0809298 https://www.phoenixcontact.com/us/products/0809298



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

#### Mounting material

Mounting material - PT-IL - 3208090 https://www.phoenixcontact.com/us/products/3208090

Operating decal for the push-in Technology



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Actuation tool

Actuation tool - ST-BW - 1207608 https://www.phoenixcontact.com/us/products/1207608

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

#### Warning label

Warning label - WS PT 4 - 1029563 https://www.phoenixcontact.com/us/products/1029563



Warning label, yellow/black, labeled: Lightning flash, mounting type: plug in, for terminal block width: 6.2 mm

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End cover

End cover - D-PT 4-TWIN BU - 1072355 https://www.phoenixcontact.com/us/products/1072355

End cover, length: 66.5 mm, width: 2.2 mm, height: 29 mm, color: blue



#### End cover

End cover - D-PT 4-TWIN OG - 1080116 https://www.phoenixcontact.com/us/products/1080116

End cover, width: 2.2 mm, color: orange



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#### DIN rail perforated

DIN rail perforated - NS 35/7,5 PERF 2000MM - 0801733 https://www.phoenixcontact.com/us/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)

#### DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681 https://www.phoenixcontact.com/us/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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#### DIN rail perforated

DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119 https://www.phoenixcontact.com/us/products/1204119



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

#### DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - 1204122 https://www.phoenixcontact.com/us/products/1204122



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

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#### DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704 https://www.phoenixcontact.com/us/products/0801704



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

#### DIN rail perforated

DIN rail perforated - NS 35/7,5 ZN PERF 2000MM - 1206421 https://www.phoenixcontact.com/us/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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https://www.phoenixcontact.com/us/products/3211771



#### DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434 https://www.phoenixcontact.com/us/products/1206434



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

#### DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - 0801762 https://www.phoenixcontact.com/us/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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End cap

End cap - NS 35/ 7,5 CAP - 1206560 https://www.phoenixcontact.com/us/products/1206560

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



#### DIN rail perforated

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730 https://www.phoenixcontact.com/us/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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DIN rail, unperforated

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714 https://www.phoenixcontact.com/us/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)  $\,$ 

#### DIN rail perforated

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602 https://www.phoenixcontact.com/us/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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#### DIN rail, unperforated

DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM-VPE 10 - 1204135 https://www.phoenixcontact.com/us/products/1204135



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

#### DIN rail, unperforated

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756 https://www.phoenixcontact.com/us/products/1201756



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

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#### DIN rail perforated

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599 https://www.phoenixcontact.com/us/products/1206599



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

#### DIN rail, unperforated

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586 https://www.phoenixcontact.com/us/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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https://www.phoenixcontact.com/us/products/3211771



#### DIN rail, unperforated

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM-VPE 10 - 1201895 https://www.phoenixcontact.com/us/products/1201895



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

#### End cap

End cap - NS 35/15 CAP - 1206573 https://www.phoenixcontact.com/us/products/1206573

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



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#### DIN rail, unperforated

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM-VPE 10 - 1201798 https://www.phoenixcontact.com/us/products/1201798



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

#### Zack marker strip

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003 https://www.phoenixcontact.com/us/products/1051003



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

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https://www.phoenixcontact.com/us/products/3211771



Zack marker strip

Zack marker strip - ZB 6 CUS - 0824992 https://www.phoenixcontact.com/us/products/0824992



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size:  $6.15 \times 10.5 \text{ mm}$ , Number of individual labels: 10

#### Zack marker strip

Zack marker strip - ZB 6,LGS:FORTL.ZAHLEN - 1051016 https://www.phoenixcontact.com/us/products/1051016



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6. 15 x 10.5 mm, Number of individual labels: 10

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https://www.phoenixcontact.com/us/products/3211771



Zack marker strip

Zack marker strip - ZB 6,QR:FORTL.ZAHLEN - 1051029 https://www.phoenixcontact.com/us/products/1051029



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6. 15 x 10.5 mm, Number of individual labels: 10

#### Zack marker strip

Zack marker strip - ZB 6,LGS:GLEICHE ZAHLEN - 1051032 https://www.phoenixcontact.com/us/products/1051032



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

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#### Marker for terminal blocks

Marker for terminal blocks - ZB 6,LGS:L1-N,PE - 1051414 https://www.phoenixcontact.com/us/products/1051414



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: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

#### Marker for terminal blocks

Marker for terminal blocks - ZB 6,LGS:U-N - 1051430 https://www.phoenixcontact.com/us/products/1051430



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: U, V, W, N, GND, U, V, W, N, GND, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

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Marker for terminal blocks

Marker for terminal blocks - UC-TM 6 - 0818085 https://www.phoenixcontact.com/us/products/0818085

BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with:

#### Marker for terminal blocks

Marker for terminal blocks - UC-TM 6 CUS - 0824589 https://www.phoenixcontact.com/us/products/0824589



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: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

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https://www.phoenixcontact.com/us/products/3211771



Marker for terminal blocks

Marker for terminal blocks - UCT-TM 6 - 0828736 https://www.phoenixcontact.com/us/products/0828736



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: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

#### Marker for terminal blocks

Marker for terminal blocks - UCT-TM 6 CUS - 0829602 https://www.phoenixcontact.com/us/products/0829602



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: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

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https://www.phoenixcontact.com/us/products/3211771



Zack Marker strip, flat

Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710 https://www.phoenixcontact.com/us/products/0808710



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

#### Zack Marker strip, flat

Zack Marker strip, flat - ZBF 6 CUS - 0825027 https://www.phoenixcontact.com/us/products/0825027



Zack Marker strip, flat, Strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size:  $5.15 \times 6.15 \text{ mm}$ , Number of individual labels: 10 mm

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https://www.phoenixcontact.com/us/products/3211771



Marker for terminal blocks

Marker for terminal blocks - UC-TMF 6 - 0818140 https://www.phoenixcontact.com/us/products/0818140

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: 6.2 mm, lettering field size: 5.6 x 5.1 mm, Number of individual labels: 80

#### Marker for terminal blocks

Marker for terminal blocks - UC-TMF 6 CUS - 0824646 https://www.phoenixcontact.com/us/products/0824646



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: 6.2 mm, lettering field size:  $5.6 \times 5.1 \text{ mm}$ , Number of individual labels: 80

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https://www.phoenixcontact.com/us/products/3211771



Marker for terminal blocks

Marker for terminal blocks - UCT-TMF 6 - 0828746 https://www.phoenixcontact.com/us/products/0828746



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: 6.2 mm, lettering field size: 5.4 x 4.7 mm, Number of individual labels: 60

#### Marker for terminal blocks

Marker for terminal blocks - UCT-TMF 6 CUS - 0829665 https://www.phoenixcontact.com/us/products/0829665



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: 6.2 mm, lettering field size:  $5.4 \times 4.7 \text{ mm}$ , Number of individual labels: 60

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https://www.phoenixcontact.com/us/products/3211771



Zack Marker strip, flat

Zack Marker strip, flat - ZBF 6,LGS:FORTL.ZAHLEN - 0808749 https://www.phoenixcontact.com/us/products/0808749



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1  $\dots$  10, 11  $\dots$  20, etc. up to 91  $\dots$  100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

#### Zack Marker strip, flat

Zack Marker strip, flat - ZBF 6,QR:FORTL.ZAHLEN - 0808765 https://www.phoenixcontact.com/us/products/0808765



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size:  $5.15 \times 6.15 \text{ mm}$ , Number of individual labels: 10

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https://www.phoenixcontact.com/us/products/3211771



Zack Marker strip, flat

Zack Marker strip, flat - ZBF 6,LGS:GERADE ZAHLEN - 0810834 https://www.phoenixcontact.com/us/products/0810834



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive even numbers  $2 \dots 20, 22 \dots 40$ , etc. up to  $82 \dots 100$ , mounting type: snapped, for terminal block width: 6.2 mm, lettering field size:  $5.15 \times 6.15$  mm, Number of individual labels: 10

#### Zack Marker strip, flat

Zack Marker strip, flat - ZBF 6,LGS:UNGERADE ZAHLEN - 0810876 https://www.phoenixcontact.com/us/products/0810876



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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https://www.phoenixcontact.com/us/products/3211771



Test plugs

Test plugs - MPS-MT - 0201744 https://www.phoenixcontact.com/us/products/0201744



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

### Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663 https://www.phoenixcontact.com/us/products/0201663

Insulating sleeve, color: white



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https://www.phoenixcontact.com/us/products/3211771



Insulating sleeve

Insulating sleeve - MPS-IH RD - 0201676 https://www.phoenixcontact.com/us/products/0201676

Insulating sleeve, color: red



#### Insulating sleeve

Insulating sleeve - MPS-IH BU - 0201689 https://www.phoenixcontact.com/us/products/0201689

Insulating sleeve, color: blue



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Insulating sleeve

Insulating sleeve - MPS-IH YE - 0201692 https://www.phoenixcontact.com/us/products/0201692

Insulating sleeve, color: yellow



Insulating sleeve

Insulating sleeve - MPS-IH GN - 0201702 https://www.phoenixcontact.com/us/products/0201702

Insulating sleeve, color: green



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Insulating sleeve

Insulating sleeve - MPS-IH GY - 0201728 https://www.phoenixcontact.com/us/products/0201728

Insulating sleeve, color: gray



#### Insulating sleeve

Insulating sleeve - MPS-IH BK - 0201731 https://www.phoenixcontact.com/us/products/0201731

Insulating sleeve, color: black



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https://www.phoenixcontact.com/us/products/3211771

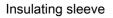


Insulating sleeve

Insulating sleeve - ISH 4/0,5 - 3002885 https://www.phoenixcontact.com/us/products/3002885

Sale La

Insulating sleeve, color: gray



Insulating sleeve - ISH 4/1,0 - 3002898 https://www.phoenixcontact.com/us/products/3002898



Insulating sleeve, color: black

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https://www.phoenixcontact.com/us/products/3211771



Test adapter

Test adapter - PAI-4-FIX-5/6 BU - 3035975 https://www.phoenixcontact.com/us/products/3035975



#### Test adapter

Test adapter - PAI-4-FIX-5/6 OG - 3035974 https://www.phoenixcontact.com/us/products/3035974



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Test adapter

Test adapter - PAI-4-FIX-5/6 YE - 3035977 https://www.phoenixcontact.com/us/products/3035977

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

#### Test adapter

Test adapter - PAI-4-FIX-5/6 RD - 3035976 https://www.phoenixcontact.com/us/products/3035976



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Test adapter

Test adapter - PAI-4-FIX-5/6 GN - 3035978 https://www.phoenixcontact.com/us/products/3035978



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

### Test adapter

Test adapter - PAI-4-FIX-5/6 BK - 3035980 https://www.phoenixcontact.com/us/products/3035980



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Test adapter

Test adapter - PAI-4-FIX-5/6 GY - 3035982 https://www.phoenixcontact.com/us/products/3035982



#### Test adapter

Test adapter - PAI-4-FIX-5/6 VT - 3035979 https://www.phoenixcontact.com/us/products/3035979



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Test adapter

Test adapter - PAI-4-FIX-5/6 BN - 3035981 https://www.phoenixcontact.com/us/products/3035981

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

#### Test adapter

Test adapter - PAI-4-FIX-5/6 WH - 3035983 https://www.phoenixcontact.com/us/products/3035983



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Test plugs

Test plugs - PS-6 - 3030996 https://www.phoenixcontact.com/us/products/3030996



Test plugs, Modular test plug, color: red

### Test plugs

Test plugs - PS-6/2,3MM RD - 3038736 https://www.phoenixcontact.com/us/products/3038736



Test plugs, color: red

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https://www.phoenixcontact.com/us/products/3211771



Software

Software - PROJECT COMPLETE - 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

#### Marker for terminal blocks

Marker for terminal blocks - TMT 6 R - 0816498 https://www.phoenixcontact.com/us/products/0816498



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, perforated, mounting type: snapped, snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 6.35 x 6.15 mm, Number of individual labels: 16000

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https://www.phoenixcontact.com/us/products/3211771



#### Marker for terminal blocks

Marker for terminal blocks - TMT 6 R CUS - 0824488 https://www.phoenixcontact.com/us/products/0824488



Marker for terminal blocks, can be ordered: by line, white, labeled according to customer specifications, mounting type: snap into universal marker groove, snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 6.35 x 6.15 mm

#### Marker for terminal blocks

Marker for terminal blocks - TMT (EX9,5)R - 0828295 https://www.phoenixcontact.com/us/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

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https://www.phoenixcontact.com/us/products/3211771



Marker for terminal blocks

Marker for terminal blocks - US-TM 100 - 0829255 https://www.phoenixcontact.com/us/products/0829255

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End clamp

End clamp - CLIPFIX 35 - 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  $\,$ 

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

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End clamp

End clamp - CLIPFIX 35-5 - 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

#### End clamp

End clamp - E/NS 35 N - 0800886 https://www.phoenixcontact.com/us/products/0800886



End clamp, width: 9.5 mm, color: gray

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