

# Mini feed-through terminal block - MPT 1,5/S

3248100

<https://www.phoenixcontact.com/de/produkte/3248100>

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Mini feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: NS 15, color: gray

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## Your advantages

- Space saving thanks to compact design and mounting option on a 15 mm DIN rail
- Clear arrangement thanks to marking of all terminal points
- Tested for railway applications

# Mini feed-through terminal block - MPT 1,5/S



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## Commercial Data

Item number	3248100
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	A1 - Reihenklennen
Product Key	BE2261
Catalog Page	Page 45 (C-1-2019)
GTIN	4046356768719
Weight per Piece (including packing)	2,964 g
Weight per Piece (excluding packing)	2,913 g
Customs tariff number	85369010
Country of origin	PL

# Mini feed-through terminal block - MPT 1,5/S



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## Technical Data

### Product properties

Product type	Miniature terminal block
Area of application	Railway industry
	Machine building
	Plant engineering
Number of connections	2
Number of rows	1
Potentials	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.56 W

### Connection data

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

#### 1 level

Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1
Conductor cross section solid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Cross section AWG	26 ... 14
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	26 ... 14
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Nominal current	17.5 A
Maximum load current	17.5 A
Nominal voltage	500 V
Nominal cross section	1.5 mm <sup>2</sup>

#### 1 level Connection cross sections directly pluggable

Conductor cross section solid	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm <sup>2</sup> ... 1 mm <sup>2</sup>

### Ex data

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## Rated data (ATEX/IECEX)

ATEX certificate	SEV 14 ATEX 0140 U
IEC Ex certificate	IECEX SEV 14.0010 U
Identification	□ II 2 G Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	3248120 D-MPT 1,5/S 1204504 SZF 0-0,4X2,5 3022263 CLIPFIX 15
Bridge data	14.5 A / 1.5 mm <sup>2</sup>
Ex temperature increase	40 K (14.5 A / 1.5 mm <sup>2</sup> )
Rated voltage	320 V
for bridging with bridge	352 V
- At bridging between non-adjacent terminal blocks	220 V
- At cut-to-length bridging	166 V
- At cut-to-length bridging with cover	352 V
Rated insulation voltage	320 V

## Ex level General

Rated current	14.5 A
Maximum load current	14.5 A
Contact resistance	1.6 mΩ

## Ex connection data General

Nominal cross section	1.5 mm <sup>2</sup>
Rated cross section AWG	16
Connection capacity rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Connection capacity AWG	26 ... 16
Connection capacity flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Connection capacity AWG	26 ... 16

## Dimensions

Width	3.5 mm
End cover width	2.2 mm
Height NS 15	28.1 mm
Length	33.55 mm

## Material specifications

Color	gray
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

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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

Test voltage setpoint	7.3 kV
Result	Test passed

### Temperature-rise test

Requirement temperature-rise test	Increase in temperature $\leq 45$ K
Result	Test passed
Short-time withstand current 1.5 mm <sup>2</sup>	0.18 kA
Result	Test passed

### Power-frequency withstand voltage

Test voltage setpoint	1.89 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 15
Test force setpoint	1 N
Result	Test passed

### Test for conductor damage and slackening

Conductor cross section/weight	0.14 mm <sup>2</sup> / 0.2 kg
	1.5 mm <sup>2</sup> / 0.4 kg
Result	Test passed

## Environmental and real-life conditions

### Aging

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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):2008-03
Spectrum	Service life test category 2, bogie-mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$
ASD level	$6.12 \text{ (m/s}^2\text{)}^2\text{/Hz}$
Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

## Shocks

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Pulse shape	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

## Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

## Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
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## Mounting

Mounting type	NS 15
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## Drawings

### Circuit diagram



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## Approvals

**DNV**

Approval ID: TAE00003J4



**CSA**

Approval ID: 13631

	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
Use group B	300 V	15 A	26 - 14	-
Use group C	300 V	15 A	26 - 14	-
Use group D	600 V	5 A	26 - 14	-



**IECEE CB Scheme**

Approval ID: DE1-62773

	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
	500 V	17.5 A	-	- 1.5



**EAC**

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



**cULus Recognized**

Approval ID: E60425

	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
Use group B	300 V	15 A	26 - 14	-
Use group C	300 V	15 A	26 - 14	-
Use group D	600 V	5 A	26 - 14	-



**LR**

Approval ID: LR2004293TA



**BV**

Approval ID: 38194/B0 BV





# Mini feed-through terminal block - MPT 1,5/S





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 <b>VDE Zeichengenehmigung</b> Approval ID: 40040312				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
	500 V	17.5 A	-	0.14 - 1.5

 <b>IECEX</b> Approval ID: IECEX SEV14.0010U				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
	352 V	14.5 A	-	0.14 - 1.5

 <b>ATEX</b> Approval ID: SEV14ATEX0140U				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
	352 V	14.5 A	-	0.14 - 1.5

 <b>CCC</b> Approval ID: 2020322313000629				
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 <b>NEPSI</b> Approval ID: GYJ20.1196U				
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## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	EC000897
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### 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

# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>

## Accessories

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

### Plug-in bridge

Plug-in bridge - FBS 2-3,5 - 3213014

<https://www.phoenixcontact.com/de/produkte/3213014>



Plug-in bridge, pitch: 3.5 mm, color: red

**i** Max. current carrying capacity: 17.5 A

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### Plug-in bridge

Plug-in bridge - FBS 3-3,5 - 3213027

<https://www.phoenixcontact.com/de/produkte/3213027>



Plug-in bridge, pitch: 3.5 mm, color: red

**i** Max. current carrying capacity: 17.5 A

# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>


## Plug-in bridge

Plug-in bridge - FBS 4-3,5 - 3213030

<https://www.phoenixcontact.com/de/produkte/3213030>



Plug-in bridge, pitch: 3.5 mm, color: red

 Max. current carrying capacity: 17.5 A

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## Plug-in bridge

Plug-in bridge - FBS 5-3,5 - 3213043

<https://www.phoenixcontact.com/de/produkte/3213043>



Plug-in bridge, pitch: 3.5 mm, color: red

 Max. current carrying capacity: 17.5 A

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# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>




## Plug-in bridge

Plug-in bridge - FBS 10-3,5 - 3213056

<https://www.phoenixcontact.com/de/produkte/3213056>



Plug-in bridge, pitch: 3.5 mm, color: red

 Max. current carrying capacity: 17.5 A

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## Plug-in bridge

Plug-in bridge - FBS 20-3,5 - 3213069

<https://www.phoenixcontact.com/de/produkte/3213069>



Plug-in bridge, pitch: 3.5 mm, color: red

 Max. current carrying capacity: 17.5 A

# Mini feed-through terminal block - MPT 1,5/S

3248100

<https://www.phoenixcontact.com/de/produkte/3248100>




## Plug-in bridge

Plug-in bridge - FBS 2-3,5 BU - 3213086

<https://www.phoenixcontact.com/de/produkte/3213086>



Plug-in bridge, pitch: 3.5 mm, color: blue

 Max. current carrying capacity: 17.5 A

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## Plug-in bridge

Plug-in bridge - FBS 3-3,5 BU - 3213099

<https://www.phoenixcontact.com/de/produkte/3213099>



Plug-in bridge, pitch: 3.5 mm, color: blue

 Max. current carrying capacity: 17.5 A

# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>

## Plug-in bridge

Plug-in bridge - FBS 4-3,5 BU - 3213109

<https://www.phoenixcontact.com/de/produkte/3213109>



Plug-in bridge, pitch: 3.5 mm, color: blue

 Max. current carrying capacity: 17.5 A

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## Plug-in bridge

Plug-in bridge - FBS 5-3,5 BU - 3213112

<https://www.phoenixcontact.com/de/produkte/3213112>



Plug-in bridge, pitch: 3.5 mm, color: blue

 Max. current carrying capacity: 17.5 A

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<https://www.phoenixcontact.com/de/produkte/3248100>



## Plug-in bridge

Plug-in bridge - FBS 10-3,5 BU - 3213125

<https://www.phoenixcontact.com/de/produkte/3213125>



Plug-in bridge, pitch: 3.5 mm, color: blue

 Max. current carrying capacity: 17.5 A

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## Plug-in bridge

Plug-in bridge - FBS 20-3,5 BU - 3213138

<https://www.phoenixcontact.com/de/produkte/3213138>



Plug-in bridge, pitch: 3.5 mm, color: blue

 Max. current carrying capacity: 17.5 A

# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>




## Plug-in bridge

Plug-in bridge - FBS 2-3,5 GY - 3213153

<https://www.phoenixcontact.com/de/produkte/3213153>



Plug-in bridge, pitch: 3.5 mm, color: gray

 Max. current carrying capacity: 17.5 A

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## Plug-in bridge

Plug-in bridge - FBS 3-3,5 GY - 3213167

<https://www.phoenixcontact.com/de/produkte/3213167>



Plug-in bridge, pitch: 3.5 mm, color: gray

 Max. current carrying capacity: 17.5 A

# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>


## Plug-in bridge

Plug-in bridge - FBS 4-3,5 GY - 3213180

<https://www.phoenixcontact.com/de/produkte/3213180>



Plug-in bridge, pitch: 3.5 mm, color: gray

 Max. current carrying capacity: 17.5 A

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## Plug-in bridge

Plug-in bridge - FBS 5-3,5 GY - 3213183

<https://www.phoenixcontact.com/de/produkte/3213183>



Plug-in bridge, pitch: 3.5 mm, color: gray

 Max. current carrying capacity: 17.5 A

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# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>




## Plug-in bridge

Plug-in bridge - FBS 10-3,5 GY - 3213196

<https://www.phoenixcontact.com/de/produkte/3213196>



Plug-in bridge, pitch: 3.5 mm, color: gray

 Max. current carrying capacity: 17.5 A

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## Plug-in bridge

Plug-in bridge - FBS 20-3,5 GY - 3213206

<https://www.phoenixcontact.com/de/produkte/3213206>



Plug-in bridge, pitch: 3.5 mm, color: gray

 Max. current carrying capacity: 17.5 A

# Mini feed-through terminal block - MPT 1,5/S



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<https://www.phoenixcontact.com/de/produkte/3248100>

## End cover

End cover - D-MPT 1,5/S - 3248120

<https://www.phoenixcontact.com/de/produkte/3248120>

End cover, length: 33.6 mm, width: 2.2 mm, height: 22.3 mm, color: gray



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## DIN rail, unperforated

DIN rail, unperforated - NS 15 UNPERF 2000MM VPE 10 - 1401695

<https://www.phoenixcontact.com/de/produkte/1401695>

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



# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>

## Screwdriver

Screwdriver - SZF 0-0,4X2,5 - 1204504

<https://www.phoenixcontact.com/de/produkte/1204504>



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

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## DIN rail perforated

DIN rail perforated - NS 15 PERF 2000MM VPE 10 - 1401682

<https://www.phoenixcontact.com/de/produkte/1401682>



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

# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>

## Actuation tool

Actuation tool - ST-BW 0 - 1200135

<https://www.phoenixcontact.com/de/produkte/1200135>

Actuation tool, for all 1.5 mm<sup>2</sup> spring cages from PT 1,5/S and FT 1,5/S



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## DIN rail perforated

DIN rail perforated - NS 15 AL PERF 2000MM VPE 10 - 1401763

<https://www.phoenixcontact.com/de/produkte/1401763>

DIN rail perforated, acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver, Pack of 10 (20 m)



# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>



## Accessories

Accessories - MPS-MT 1-S4-B RD - 1982800

<https://www.phoenixcontact.com/de/produkte/1982800>

Test plug terminal block, Accessories



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## DIN rail perforated

DIN rail perforated - NS 15 WH PERF 2000MM-VPE 10 - 1204096

<https://www.phoenixcontact.com/de/produkte/1204096>



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



# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>

## Ferrule

Ferrule - AI-S 1 - 8 TQ - 1200293

<https://www.phoenixcontact.com/de/produkte/1200293>

Ferrule, S-Slimline, sleeve length: 8 mm, length: 14.5 mm, color: turquoise



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## End clamp

End clamp - CLIPFIX 15 - 3022263

<https://www.phoenixcontact.com/de/produkte/3022263>

Snap-on end bracket, to be snapped onto NS 15 DIN rail



# Mini feed-through terminal block - MPT 1,5/S

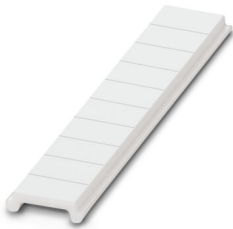
3248100

<https://www.phoenixcontact.com/de/produkte/3248100>

## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 3,5:UNBEDRUCKT - 0829392

<https://www.phoenixcontact.com/de/produkte/0829392>



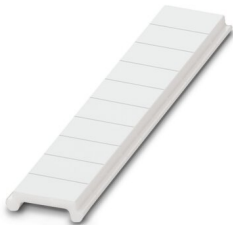
Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 3.5 mm, lettering field size: 3.5 x 5.2 mm, Number of individual labels: 10

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## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 3,5 CUS - 0829394

<https://www.phoenixcontact.com/de/produkte/0829394>



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: 3.5 mm, lettering field size: 3.5 x 5.2 mm, Number of individual labels: 10

# Mini feed-through terminal block - MPT 1,5/S

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## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 3,5,LGS:FORTL.ZAHLEN - 0801406

<https://www.phoenixcontact.com/de/produkte/0801406>



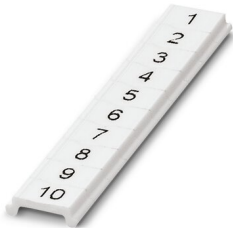
Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 3.5 mm, lettering field size: 5.15 x 3.5 mm, Number of individual labels: 10

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## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 3,5,QR:FORTL.ZAHLEN - 0801407

<https://www.phoenixcontact.com/de/produkte/0801407>



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: 3.5 mm, lettering field size: 5.15 x 3.5 mm, Number of individual labels: 10

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<https://www.phoenixcontact.com/de/produkte/3248100>

## Marker for terminal blocks

Marker for terminal blocks - UCT-TMF 3,5 - 0829486

<https://www.phoenixcontact.com/de/produkte/0829486>



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: 3.5 mm, lettering field size: 2.7 x 4.7 mm, Number of individual labels: 108

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## Marker for terminal blocks

Marker for terminal blocks - UCT-TMF 3,5 CUS - 0829644

<https://www.phoenixcontact.com/de/produkte/0829644>



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: 3.5 mm, lettering field size: 2.7 x 4.7 mm, Number of individual labels: 108

# Mini feed-through terminal block - MPT 1,5/S

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<https://www.phoenixcontact.com/de/produkte/3248100>

## Test plugs

Test plugs - MPS-MT - 0201744

<https://www.phoenixcontact.com/de/produkte/0201744>



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

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## Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

<https://www.phoenixcontact.com/de/produkte/0201663>



Insulating sleeve, color: white

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<https://www.phoenixcontact.com/de/produkte/3248100>

## Insulating sleeve

Insulating sleeve - MPS-IH RD - 0201676

<https://www.phoenixcontact.com/de/produkte/0201676>

Insulating sleeve, color: red



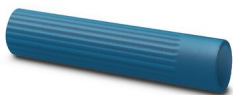
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## Insulating sleeve

Insulating sleeve - MPS-IH BU - 0201689

<https://www.phoenixcontact.com/de/produkte/0201689>

Insulating sleeve, color: blue



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<https://www.phoenixcontact.com/de/produkte/3248100>

## Insulating sleeve

Insulating sleeve - MPS-IH YE - 0201692

<https://www.phoenixcontact.com/de/produkte/0201692>

Insulating sleeve, color: yellow



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## Insulating sleeve

Insulating sleeve - MPS-IH GN - 0201702

<https://www.phoenixcontact.com/de/produkte/0201702>

Insulating sleeve, color: green



# Mini feed-through terminal block - MPT 1,5/S

3248100

<https://www.phoenixcontact.com/de/produkte/3248100>

## Insulating sleeve

Insulating sleeve - MPS-IH GY - 0201728

<https://www.phoenixcontact.com/de/produkte/0201728>

Insulating sleeve, color: gray



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## Insulating sleeve

Insulating sleeve - MPS-IH BK - 0201731

<https://www.phoenixcontact.com/de/produkte/0201731>

Insulating sleeve, color: black





# Mini feed-through terminal block - MPT 1,5/S



3248100

<https://www.phoenixcontact.com/de/produkte/3248100>

## Software

Software - PROJECT COMPLETE - 1050453

<https://www.phoenixcontact.com/de/produkte/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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## Test plugs

Test plugs - PS-3,5 - 3031010

<https://www.phoenixcontact.com/de/produkte/3031010>



Test plugs, Modular test plug, color: red

# Mini feed-through terminal block - MPT 1,5/S



3248100

<https://www.phoenixcontact.com/de/produkte/3248100>

## Spacer plate

Spacer plate - DP PS-3,5 - 3031011

<https://www.phoenixcontact.com/de/produkte/3031011>



Spacer plate, length: 15.9 mm, width: 3.5 mm, height: 33.5 mm, number of positions: 1, color: red

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## Test plugs

Test plugs - PS-3,5/E - 3031012

<https://www.phoenixcontact.com/de/produkte/3031012>



Test plugs, Individual test plug, color: red

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