

# PTTBS 1,5/S - Double-level terminal block



3214657

<https://www.phoenixcontact.com/in/products/3214657>

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Double-level terminal block, nom. voltage: 500 V, nominal current: 16 A, connection method: Push-in connection, 1st and 2nd 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 35/7,5, NS 35/15, color: gray

## Your advantages

- The compact design and front connection enable wiring in a confined space
- 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
- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off

## Commercial data

Item number	3214657
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE2
Product key	BE2214
Catalog page	Page 45 (C-1-2019)
GTIN	4046356616133
Weight per piece (including packing)	7.95 g
Weight per piece (excluding packing)	7.891 g
Customs tariff number	85369010
Country of origin	PL

# PTTBS 1,5/S - Double-level terminal block



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## Technical data

### Product properties

Product type	Multi-level terminal block
Product family	PTTBS
Number of connections	4
Number of rows	2
Potentials	2

### Data management status

Article revision	08
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### Insulation characteristics

Overvoltage category	III
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### 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>

#### 1st and 2nd level

Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Cross section AWG	26 ... 16 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without 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> Using the AI-S 1-8 TQ ferrule, Item No. 1200293, is recommended
Nominal current	16 A
Maximum load current	16 A
Nominal voltage	500 V
Nominal cross section	1.5 mm <sup>2</sup>

#### 1st and 2nd level Connection cross sections directly pluggable

Conductor cross section rigid	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible (ferrule without 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

# PTTBS 1,5/S - Double-level terminal block



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## Rated data (ATEX/IECEX)

Identification	⊕ II 2 GD Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	3214699 D-PTTBS 1,5/S
	3030747 ATP-STTB 4
	1204504 SZF 0-0,4X2,5
	3022276 CLIPFIX 35-5
	3022218 CLIPFIX 35
List of bridges	Plug-in bridge / FBS 2-3,5 / 3213014
	Plug-in bridge / FBS 3-3,5 / 3213027
	Plug-in bridge / FBS 4-3,5 / 3213030
	Plug-in bridge / FBS 5-3,5 / 3213043
	Plug-in bridge / FBS 10-3,5 / 3213056
	Plug-in bridge / FBS 20-3,5 / 3213069
Bridge data	13 A / 1.5 mm <sup>2</sup>
Ex temperature increase	40 K (14.7 A/1.5 mm <sup>2</sup> )
Rated voltage	352 V
for bridging with bridge	352 V
- At bridging between non-adjacent terminal blocks	220 V
- At bridging between non-adjacent terminal blocks via PE terminal block	220 V
Rated insulation voltage	320 V
output	(Permanent)

## Ex level General

Rated current	13.5 A
Maximum load current	13.5 A

## 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
output	(Permanent)

## Ex level Level 1

Contact resistance	1.7 mΩ
output	(Permanent)

## Ex level Level 2

Contact resistance	1.4 mΩ
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## Dimensions

Width	3.5 mm
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End cover width	2.2 mm
Height	78.8 mm
Depth on NS 35/7,5	48.2 mm
Depth on NS 35/15	55.7 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
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

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Result	Test passed
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## 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	0.14 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

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 (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):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 ... 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)

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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



# PTTBS 1,5/S - Double-level terminal block



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/3214657>

### DNV

Approval ID: TAE000010T



### 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	-



### 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: LR2371832TA



### NK

Approval ID: 14ME0912



### BV

Approval ID: 39980/B0 BV



# PTTBS 1,5/S - Double-level terminal block



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**IECEx**

Approval ID: IECEx SEV13.0005U



**ATEX**

Approval ID: SEV13ATEX0159U



**CCC**

Approval ID: 2020322313000631



**UKCA-EX**

Approval ID: CML 22UKEX1224U

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## Classifications

### ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250102

### ETIM

ETIM 9.0	EC000897
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### UNSPSC

UNSPSC 21.0	39121400
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# PTTBS 1,5/S - Double-level terminal block



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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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### EF3.0 Climate Change


CO2e kg	0.044 kg CO2e
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# PTTBS 1,5/S - Double-level terminal block

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## Accessories

 Note: Applying some accessories below might limit this product.


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

3213014

<https://www.phoenixcontact.com/in/products/3213014>



Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: red

 Max. current carrying capacity: 16 A

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

3213027

<https://www.phoenixcontact.com/in/products/3213027>



Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: red

 Max. current carrying capacity: 16 A

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>

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

3213030

<https://www.phoenixcontact.com/in/products/3213030>



Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: red

 Max. current carrying capacity: 16 A

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

3213043

<https://www.phoenixcontact.com/in/products/3213043>



Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: red

 Max. current carrying capacity: 16 A

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>


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

3213056

<https://www.phoenixcontact.com/in/products/3213056>



Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: red

 Max. current carrying capacity: 16 A

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

3213069

<https://www.phoenixcontact.com/in/products/3213069>



Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: red

 Max. current carrying capacity: 16 A

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

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

3213086

<https://www.phoenixcontact.com/in/products/3213086>



Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: blue

 Max. current carrying capacity: 16 A

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

3213099

<https://www.phoenixcontact.com/in/products/3213099>



Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: blue

 Max. current carrying capacity: 16 A

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# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>


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

3213109

<https://www.phoenixcontact.com/in/products/3213109>



Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: blue

 Max. current carrying capacity: 16 A

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

3213112

<https://www.phoenixcontact.com/in/products/3213112>



Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: blue

 Max. current carrying capacity: 16 A

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# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>


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

3213125

<https://www.phoenixcontact.com/in/products/3213125>



Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: blue

 Max. current carrying capacity: 16 A

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

3213138

<https://www.phoenixcontact.com/in/products/3213138>



Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: blue

 Max. current carrying capacity: 16 A

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>

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

3213153

<https://www.phoenixcontact.com/in/products/3213153>



Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: gray

 Max. current carrying capacity: 16 A

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

3213167

<https://www.phoenixcontact.com/in/products/3213167>



Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: gray

 Max. current carrying capacity: 16 A

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# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>


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

3213180

<https://www.phoenixcontact.com/in/products/3213180>



Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: gray

 Max. current carrying capacity: 16 A

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

3213183

<https://www.phoenixcontact.com/in/products/3213183>



Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: gray

 Max. current carrying capacity: 16 A

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>


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

3213196

<https://www.phoenixcontact.com/in/products/3213196>



Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: gray

 Max. current carrying capacity: 16 A

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

3213206

<https://www.phoenixcontact.com/in/products/3213206>



Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: gray

 Max. current carrying capacity: 16 A

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>




## FBS 50-3,5 - Plug-in bridge

3000706

<https://www.phoenixcontact.com/in/products/3000706>



Plug-in bridge, pitch: 3.5 mm, number of positions: 50, color: red

 Max. current carrying capacity: 17.5 A

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## FBS 50-3,5 BU - Plug-in bridge

3000708

<https://www.phoenixcontact.com/in/products/3000708>



Plug-in bridge, pitch: 3.5 mm, number of positions: 50, color: blue

 Max. current carrying capacity: 17.5 A

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>




## FBS 50-3,5 GY - Plug-in bridge

3000707

<https://www.phoenixcontact.com/in/products/3000707>



Plug-in bridge, pitch: 3.5 mm, number of positions: 50, color: gray

 Max. current carrying capacity: 17.5 A

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## ATP-STTB 4 - Partition plate

3030747

<https://www.phoenixcontact.com/in/products/3030747>



Partition plate, depth: 53 mm, width: 2 mm, height: 88.7 mm, color: gray

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>

## D-PTTBS 1,5/S - End cover

3214699

<https://www.phoenixcontact.com/in/products/3214699>

End cover, depth: 41 mm, width: 2.2 mm, height: 78.6 mm, color: gray



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## FBS 1,5/S-PV - Potential bridge

3216263

<https://www.phoenixcontact.com/in/products/3216263>

Vertical potential bridge, to connect the upper and lower level



# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>

## STP 3,5-2 - Marker carriers

0830131

<https://www.phoenixcontact.com/in/products/0830131>



Marker carriers, snaps into the PTTB 1,5/S Push-in double-level terminal block, can be marked with UCT-TM 3,5, UCT-TMF 3,5, ZB 3,5, or ZBF 3,5, gray, unlabeled, mounting type: plug in, lettering field size: 3.5 x 10.5 mm

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## AI-S 1 - 8 TQ - Ferrule

1200293

<https://www.phoenixcontact.com/in/products/1200293>



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



# PTTBS 1,5/S - Double-level terminal block

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

0801733

<https://www.phoenixcontact.com/in/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 UNPERF 2000MM - DIN rail, unperforated

0801681

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

# PTTBS 1,5/S - Double-level terminal block

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

1204119

<https://www.phoenixcontact.com/in/products/1204119>



DIN rail perforated, 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/in/products/1204122>



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

# PTTBS 1,5/S - Double-level terminal block

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

0801704

<https://www.phoenixcontact.com/in/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/in/products/1206421>



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

# PTTBS 1,5/S - Double-level terminal block

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

1206434

<https://www.phoenixcontact.com/in/products/1206434>



DIN rail, unperforated, 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/in/products/0801762>



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

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>



## NS 35/ 7,5 CAP - End cap

1206560

<https://www.phoenixcontact.com/in/products/1206560>

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



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## NS 35/15 PERF 2000MM - DIN rail perforated

1201730

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

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>



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

1201714

<https://www.phoenixcontact.com/in/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/in/products/0806602>



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

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>



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

1204135

<https://www.phoenixcontact.com/in/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/in/products/1201756>



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

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>

## NS 35/15 ZN PERF 2000MM - DIN rail perforated

1206599

<https://www.phoenixcontact.com/in/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/in/products/1206586>



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



# PTTBS 1,5/S - Double-level terminal block

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

1201895

<https://www.phoenixcontact.com/in/products/1201895>



DIN rail, unperforated, 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/in/products/1206573>

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



# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>



## NS 35/15-2,3 UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201798

<https://www.phoenixcontact.com/in/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 3,5:UNBEDRUCKT - Zack marker strip

0829414

<https://www.phoenixcontact.com/in/products/0829414>



Zack marker strip, 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 10.5 mm, Number of individual labels: 10

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>

## ZB 3,5 CUS - Zack marker strip

0829415

<https://www.phoenixcontact.com/in/products/0829415>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 3.5 mm, lettering field size: 3.5 x 10.5 mm, Number of individual labels: 10

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## ZB 3,5,LGS:FORTL.ZAHLEN - Zack marker strip

0801404

<https://www.phoenixcontact.com/in/products/0801404>



Zack marker strip, 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: 3.5 x 10.5 mm, Number of individual labels: 10

# PTTBS 1,5/S - Double-level terminal block

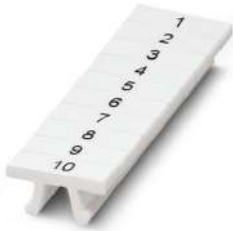
3214657

<https://www.phoenixcontact.com/in/products/3214657>

## ZB 3,5,QR:FORT.ZAHLEN - Zack marker strip

0801405

<https://www.phoenixcontact.com/in/products/0801405>



Zack marker strip, 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: 3.5 x 10.5 mm, Number of individual labels: 10

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## UCT-TM 3,5 - Marker for terminal blocks

0829484

<https://www.phoenixcontact.com/in/products/0829484>



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: 2.95 x 10.5 mm, Number of individual labels: 102

# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>



## UCT-TM 3,5 CUS - Marker for terminal blocks

0829581

<https://www.phoenixcontact.com/in/products/0829581>



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: 3.5 mm, lettering field size: 2.95 x 10.5 mm, Number of individual labels: 102

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## GBS 3,5-25X3,5 - Group marker label for terminal marking

0830290

<https://www.phoenixcontact.com/in/products/0830290>



Group marking label, snaps into terminal center for push-in terminal blocks ...1.5/S,  
Lettering field 25 x 3.5 mm, pitch 3.5 mm, labeled with EML (24 x 3)R

## PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>



## GBS 3,5-25X12 - Group marker label for terminal marking

0830292

<https://www.phoenixcontact.com/in/products/0830292>



Group marking label, snaps into terminal center for push-in terminal blocks ...1.5/S,  
Lettering field 25 x 12 mm, pitch 3.5 mm, labeled with EML (25.4 x 12.7)R

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## MPS-MT - Test plug

0201744

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



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

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

## MPS-IH WH - Insulating sleeve

0201663

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

Insulating sleeve, color: white



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## MPS-IH RD - Insulating sleeve

0201676

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

Insulating sleeve, color: red



# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>

## MPS-IH BU - Insulating sleeve

0201689

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

Insulating sleeve, color: blue



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## MPS-IH YE - Insulating sleeve

0201692

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

Insulating sleeve, color: yellow





# PTTBS 1,5/S - Double-level terminal block

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<https://www.phoenixcontact.com/in/products/3214657>

## MPS-IH GN - Insulating sleeve

0201702

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

Insulating sleeve, color: green



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## MPS-IH GY - Insulating sleeve

0201728

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

Insulating sleeve, color: gray



# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>



## MPS-IH BK - Insulating sleeve

0201731

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

Insulating sleeve, color: black



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## PS-3,5 - Test plug

3031010

<https://www.phoenixcontact.com/in/products/3031010>

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



# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

## DP PS-3,5 - Spacer plate

3031011

<https://www.phoenixcontact.com/in/products/3031011>



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

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## PS-3,5/E - Test plug

3031012

<https://www.phoenixcontact.com/in/products/3031012>



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

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

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

0829392

<https://www.phoenixcontact.com/in/products/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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## ZBF 3,5 CUS - Zack Marker strip, flat

0829394

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

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

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

0801406

<https://www.phoenixcontact.com/in/products/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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## ZBF 3,5,QR:FORTL.ZAHLEN - Zack Marker strip, flat

0801407

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

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

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

0829486

<https://www.phoenixcontact.com/in/products/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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## UCT-TMF 3,5 CUS - Marker for terminal blocks

0829644

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

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

## SZF 1-0,6X3,5 - Screwdriver

1204517

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

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

1204504

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

# PTTBS 1,5/S - Double-level terminal block



3214657

<https://www.phoenixcontact.com/in/products/3214657>

## ST-BW 0 - Actuation tool

1200135

<https://www.phoenixcontact.com/in/products/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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## PROJECT COMPLETE - Software

1050453

<https://www.phoenixcontact.com/in/products/1050453>



Intuitive planning and marking software for configuring terminal strips and for professional marking of marking materials for terminal blocks, conductors, cables, devices, and systems. The software is available for download



# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

## CRIMPFOX CENTRUS 6S - Crimping pliers

1213144

<https://www.phoenixcontact.com/in/products/1213144>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 6 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

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## CRIMPFOX CENTRUS 10S - Crimping pliers

1213154

<https://www.phoenixcontact.com/in/products/1213154>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 10 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

## CRIMPFOX CENTRUS 6H - Crimping pliers

1213146

<https://www.phoenixcontact.com/in/products/1213146>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 6 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

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## CRIMPFOX CENTRUS 10H - Crimping pliers

1213156

<https://www.phoenixcontact.com/in/products/1213156>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 10 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

## CRIMPFOX 10S - Crimping pliers

1212045

<https://www.phoenixcontact.com/in/products/1212045>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm<sup>2</sup> ... 10 mm<sup>2</sup>, unlockable pressure lock, lateral entry

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## CRIMPFOX 6H - Crimping pliers

1212046

<https://www.phoenixcontact.com/in/products/1212046>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm<sup>2</sup> ... 6 mm<sup>2</sup>, unlockable pressure lock, lateral entry

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

## CRIMPFOX 2,5-M - Crimping pliers

1212719

<https://www.phoenixcontact.com/in/products/1212719>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, lateral entry, trapezoidal crimp

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## CRIMPFOX 6-M - Crimping pliers

1212720

<https://www.phoenixcontact.com/in/products/1212720>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

## CRIMPFOX 6 - Crimping pliers

1212034

<https://www.phoenixcontact.com/in/products/1212034>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp

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## CRIMPFOX 6T - Crimping pliers

1212037

<https://www.phoenixcontact.com/in/products/1212037>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6 mm<sup>2</sup>, lateral entry, trapezoidal crimp

# PTTBS 1,5/S - Double-level terminal block

3214657

<https://www.phoenixcontact.com/in/products/3214657>

## CRIMPFOX 6T-F - Crimping pliers

1212038

<https://www.phoenixcontact.com/in/products/1212038>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6 mm<sup>2</sup>, front entry, trapezoidal crimp

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## CRIMPFOX 6S-F - Crimping pliers

1212043

<https://www.phoenixcontact.com/in/products/1212043>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>, front entry, square crimp

# PTTBS 1,5/S - Double-level terminal block



3214657

<https://www.phoenixcontact.com/in/products/3214657>

## CRIMPFOX-M - Crimping pliers

1212072

<https://www.phoenixcontact.com/in/products/1212072>



Basic pliers, for accommodating dies for a wide range of type of contacts

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