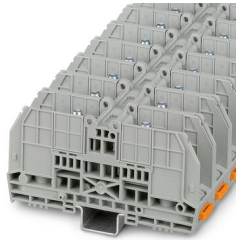


# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

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Bolt connection terminal block, nom. voltage: 1000 V, nominal current: 192 A, connection method: Bolt connection, 1 level, Rated cross section: 70 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: gray

## Your advantages

- Mounting on standard DIN rails or directly in control boxes
- Optional snap-on shock protection
- Potential distribution with connection rails
- Tested for railway applications

## Commercial Data

Item number	3213137
Packing unit	5 pc
Minimum order quantity	5 pc
Sales Key	BE4412
Product Key	BE4412
Catalog Page	Page 390 (C-1-2019)
GTIN	4046356549196
Weight per Piece (including packing)	176.03 g
Weight per Piece (excluding packing)	63.12 g
Customs tariff number	85369010
Country of origin	CN

# Bolt connection terminal block - RBO 8



3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Technical Data

### Product properties

Product type	Bolt connection terminal block
Number of positions	1
Pitch	29 mm
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	8 kV
Maximum power dissipation for nominal condition	6.27 W

### Connection data

Number of connections per level	2
Nominal cross section	70 mm <sup>2</sup>

#### 1 level

Stripping length	The stripping length depends on the specification provided by the cable lug manufacturer.
Connection in acc. with standard	IEC 60947-7-1
Nominal current	192 A
Maximum load current	192 A (in case of a 70 mm <sup>2</sup> conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal voltage	1000 V
Nominal cross section	70 mm <sup>2</sup>

#### Cable lug connection DIN 46234:1980-03

Connection in acc. with standard	DIN 46234:1980-03
Cross section	2.5 mm <sup>2</sup> ... 70 mm <sup>2</sup>
Cross section range AWG	(converted acc. to IEC)
Hole diameter	8.4 mm
Width	22 mm
Bolt diameter	8 mm
Screw thread	M8
Tightening torque	6 ... 12 Nm
Connection in acc. with standard	DIN 46235:1983-07

# Bolt connection terminal block - RBO 8



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<https://www.phoenixcontact.com/gb/products/3213137>

Cross section	16 mm <sup>2</sup> ... 70 mm <sup>2</sup>
Cross section range AWG	(converted acc. to IEC)
Hole diameter	8.4 mm
Width	24 mm
Bolt diameter	8 mm
Screw thread	M8
Tightening torque	6 ... 12 Nm
Connection in acc. with standard	DIN 46237:1970-07
Cross section	2.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section range AWG	(converted acc. to IEC)
Hole diameter	8.4 mm
Width	14 mm
Bolt diameter	8 mm
Screw thread	M8
Tightening torque	6 ... 12 Nm
Identification color of ring cable lugs : blue	2.5 mm <sup>2</sup>
Identification color of ring cable lugs : yellow	6 mm <sup>2</sup>

## Ex data

### Rated data (ATEX/IECEx)

ATEX certificate	SEV 13 ATEX 0132 U
IEC Ex certificate	IECEx SEV 13.0003 U
Identification	□ II 2 GD Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	3247967 HC-RBO 8 1209923 SHN 13 0800886 E/NS 35 N
List of bridges	/ RBO 8-VS 2 / 3213179 / RBO 8-VS 3 / 3213182
Bridge data	187 A / 70 mm <sup>2</sup>
Ex temperature increase	40 K (187 A / 70 mm <sup>2</sup> )
Rated voltage	690 V
for bridging with bridge	690 V
Rated insulation voltage	630 V
output	(Permanent)

### Ex level General

Rated current	187 A
Maximum load current	187 A
Contact resistance	0.06 mΩ

### Ex connection data General

Torque range	6 Nm ... 12 Nm
Nominal cross section	70 mm <sup>2</sup>

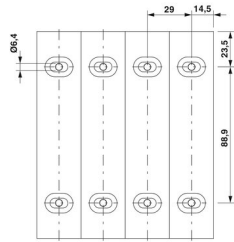
# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

Rated cross section AWG	2/0
Connection capacity flexible	2.5 mm <sup>2</sup> ... 70 mm <sup>2</sup>
Connection capacity AWG	12 ... 2/0
2 conductors with same cross section, stranded	2.5 mm <sup>2</sup> ... 70 mm <sup>2</sup>
2 conductors with the same cross-section AWG flexible	12 ... 2/0

## Dimensions

Dimensional drawing	
Width	29 mm
End cover width	2.2 mm
Height NS 35/15	74.5 mm
Height NS 35/7,5	67 mm
Length	136 mm
Bolt length	20.5 mm
Pitch	29 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	9.8 kV
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# Bolt connection terminal block - RBO 8



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<https://www.phoenixcontact.com/gb/products/3213137>

Result	Test passed
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## Temperature-rise test

Requirement temperature-rise test	Increase in temperature $\leq 45$ K
Result	Test passed
Short-time withstand current 70 mm <sup>2</sup>	8.4 kA
Result	Test passed

## Power-frequency withstand voltage

Test voltage setpoint	2.2 kV
Result	Test passed

## Mechanical properties

### Mechanical data

Open side panel	No
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## Mechanical tests

### Mechanical strength

Result	Test passed
--------	-------------

### Attachment on the carrier

DIN rail/fixing support	NS 35
Test force setpoint	10 N
Result	Test passed

## Environmental and real-life conditions

### 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 1, class B, body mounted
Frequency	$f_1 = 5$ Hz to $f_2 = 150$ Hz
ASD level	1.857 (m/s <sup>2</sup> )/Hz
Acceleration	0.8g
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	5g
Shock duration	30 ms

# Bolt connection terminal block - RBO 8



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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 35/7,5
	NS 35/15

# Bolt connection terminal block - RBO 8

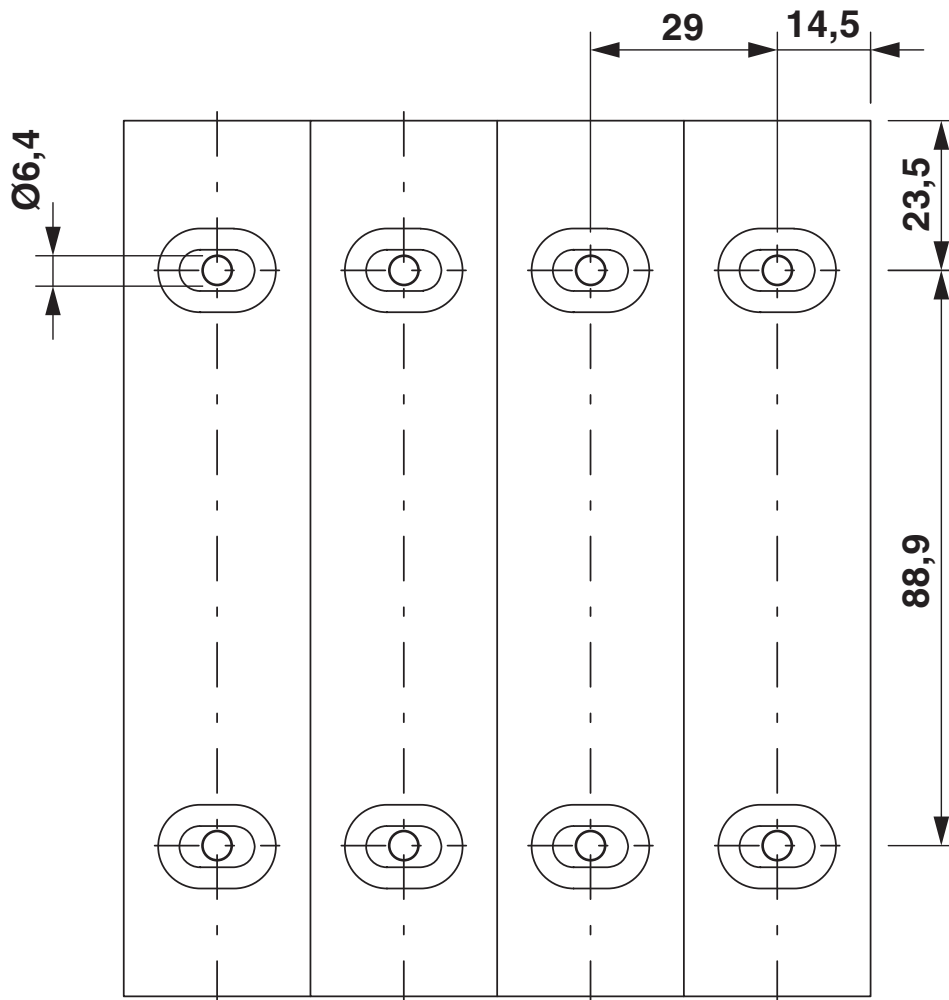


3213137

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## Drawings

Dimensional drawing



# Bolt connection terminal block - RBO 8



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<https://www.phoenixcontact.com/gb/products/3213137>

Circuit diagram






# Bolt connection terminal block - RBO 8




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## Approvals


 <b>CSA</b> Approval ID: 13631				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Use group B	600 V	175 A	-	-
Use group C	600 V	175 A	-	-


 <b>UL Recognized</b> Approval ID: FILE E 60425				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Use group B	600 V	175 A	-	-
Use group C	600 V	175 A	-	-


 <b>EAC</b> Approval ID: RU C-DE.BL08.B.00540				
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<b>DNV</b> Approval ID: TAE00004G1				
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 <b>EAC Ex</b> Approval ID: RU C-DE.HA91.B.00066				
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 <b>IECEX</b> Approval ID: IECEX SEV13.0003U				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
	690 V	187 A	-	2.5 - 70

 <b>ATEX</b> Approval ID: SEV13ATEX0132U				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
	690 V	187 A	-	2.5 - 70

 <b>CCC</b> Approval ID: 2020322313000627				
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# Bolt connection terminal block - RBO 8



3213137

<https://www.phoenixcontact.com/gb/products/3213137>



**NEPSI**

Approval ID: GYJ20.1202U

# Bolt connection terminal block - RBO 8



3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## 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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# Bolt connection terminal block - RBO 8



3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Environmental Product Compliance


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

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Accessories

 Note: Applying some accessories below might limit this product.


### Connection rail

Connection rail - RBO 8-VS 2 - 3213179

<https://www.phoenixcontact.com/gb/products/3213179>

Bridge, 2-pos.



 Max. current carrying capacity: 192 A

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### Connection rail

Connection rail - RBO 8-VS 3 - 3213182

<https://www.phoenixcontact.com/gb/products/3213182>

Connection rail, color: silver



 Max. current carrying capacity: 192 A

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Label

Label - EML (51X25)R YE /RBO8 - 0801353

<https://www.phoenixcontact.com/gb/products/0801353>



Label, yellow/black, labeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2: Lightning flash, mounting type: adhesive, lettering field size: 51 x 25 mm

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## Covering hood

Covering hood - HC-RBO 8 - 3247967

<https://www.phoenixcontact.com/gb/products/3247967>



Covering hood, length: 85.6 mm, width: 28.8 mm, height: 46.7 mm, color: gray

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Covering hood

Covering hood - HC-RBO 8 BU - 3247969

<https://www.phoenixcontact.com/gb/products/3247969>

Covering hood, length: 85.6 mm, width: 28.8 mm, height: 46.7 mm, color: blue



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## Covering hood

Covering hood - HC-RBO 8-FE - 3247968

<https://www.phoenixcontact.com/gb/products/3247968>

Covering hood, length: 85.6 mm, width: 28.8 mm, height: 46.7 mm, color: black/yellow



# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Tool

Tool - SHN 13 - 1209923

<https://www.phoenixcontact.com/gb/products/1209923>

Socket wrench, wrench size 13 mm



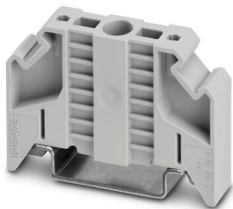
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## End clamp

End clamp - E/NS 35 N - 0800886

<https://www.phoenixcontact.com/gb/products/0800886>

End clamp, width: 9.5 mm, color: gray





# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## DIN rail perforated

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733

<https://www.phoenixcontact.com/gb/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)

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## DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681

<https://www.phoenixcontact.com/gb/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)

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## DIN rail perforated

DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119

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



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

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## DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - 1204122

<https://www.phoenixcontact.com/gb/products/1204122>



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

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704

<https://www.phoenixcontact.com/gb/products/0801704>



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

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## DIN rail perforated

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421

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



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

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434

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



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

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## DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - 0801762

<https://www.phoenixcontact.com/gb/products/0801762>



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

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## End cap

End cap - NS 35/ 7,5 CAP - 1206560

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

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



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## DIN rail perforated

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730

<https://www.phoenixcontact.com/gb/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)

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## DIN rail, unperforated

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714

<https://www.phoenixcontact.com/gb/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)

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## DIN rail perforated

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602

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



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

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## DIN rail, unperforated

DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM-VPE 10 - 1204135

<https://www.phoenixcontact.com/gb/products/1204135>



DIN rail, unperforated, similar 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 35/15 AL UNPERF 2000MM - 1201756

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



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

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## DIN rail perforated

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599

<https://www.phoenixcontact.com/gb/products/1206599>



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

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## DIN rail, unperforated

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586

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



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



# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## DIN rail, unperforated

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM-VPE 10 - 1201895

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



DIN rail, unperforated, similar 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 35/15 CAP - 1206573

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

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



# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## DIN rail, unperforated

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM-VPE 10 - 1201798

<https://www.phoenixcontact.com/gb/products/1201798>



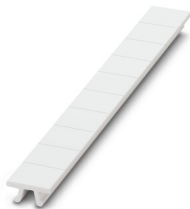
DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver, Pack of 10 (20 m)

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## Zack marker strip

Zack marker strip - ZB 10:UNBEDRUCKT - 1053001

<https://www.phoenixcontact.com/gb/products/1053001>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 10.2 mm, lettering field size: 10.5 mm x 10.15 mm, Number of individual labels: 10

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Zack marker strip

Zack marker strip - ZB 10 CUS - 0824941

<https://www.phoenixcontact.com/gb/products/0824941>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

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## Marker for terminal blocks

Marker for terminal blocks - ZB10,LGS:L1-N,PE - 1053412

<https://www.phoenixcontact.com/gb/products/1053412>



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: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Marker for terminal blocks

Marker for terminal blocks - ZB10,LGS:U-N - 1053438

<https://www.phoenixcontact.com/gb/products/1053438>



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: U, V, W, N, GND, U, V, W, N, GND, mounting type: snapped, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

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## Marker for terminal blocks

Marker for terminal blocks - UC-TM 10 - 0818069

<https://www.phoenixcontact.com/gb/products/0818069>



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: 10.2 mm, lettering field size: 9.6 x 10.5 mm, Number of individual labels: 48

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Marker for terminal blocks

Marker for terminal blocks - UC-TM 10 CUS - 0824605

<https://www.phoenixcontact.com/gb/products/0824605>



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: 10.2 mm, lettering field size: 9.6 x 10.5 mm, Number of individual labels: 48

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## Marker for terminal blocks

Marker for terminal blocks - UCT-TM 10 - 0829142

<https://www.phoenixcontact.com/gb/products/0829142>



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: 10.2 mm, lettering field size: 8.9 x 9.6 mm, Number of individual labels: 36

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Marker for terminal blocks

Marker for terminal blocks - UCT-TM 10 CUS - 0829623

<https://www.phoenixcontact.com/gb/products/0829623>



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: 10.2 mm, lettering field size: 8.9 x 9.6 mm, Number of individual labels: 36

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## Zack Marker strip, flat

Zack Marker strip, flat - ZBF10:UNBEDRUCKT - 0809997

<https://www.phoenixcontact.com/gb/products/0809997>



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

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Zack Marker strip, flat

Zack Marker strip, flat - ZBF10 CUS - 0825031

<https://www.phoenixcontact.com/gb/products/0825031>



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

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## Marker for terminal blocks

Marker for terminal blocks - UC-TMF 10 - 0818124

<https://www.phoenixcontact.com/gb/products/0818124>



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: 10.2 mm, lettering field size: 9.6 x 5.1 mm, Number of individual labels: 48

# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Marker for terminal blocks

Marker for terminal blocks - UC-TMF 10 CUS - 0824662

<https://www.phoenixcontact.com/gb/products/0824662>



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: 10.2 mm, lettering field size: 9.6 x 5.1 mm, Number of individual labels: 48

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## Marker for terminal blocks

Marker for terminal blocks - UCT-TMF 10 - 0829204

<https://www.phoenixcontact.com/gb/products/0829204>



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: 10.2 mm, lettering field size: 9.4 x 4.7 mm, Number of individual labels: 36



# Bolt connection terminal block - RBO 8

3213137

<https://www.phoenixcontact.com/gb/products/3213137>

## Marker for terminal blocks

Marker for terminal blocks - UCT-TMF 10 CUS - 0829679

<https://www.phoenixcontact.com/gb/products/0829679>



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: 10.2 mm, lettering field size: 9.4 x 4.7 mm, Number of individual labels: 36

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## Software

Software - PROJECT COMPLETE - 1050453

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



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

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