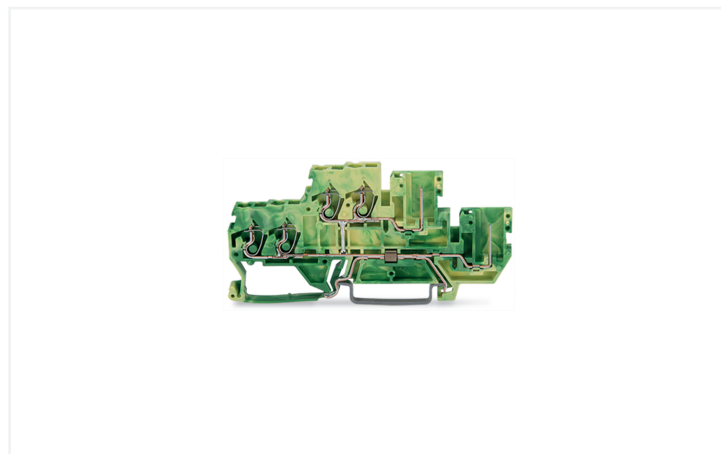
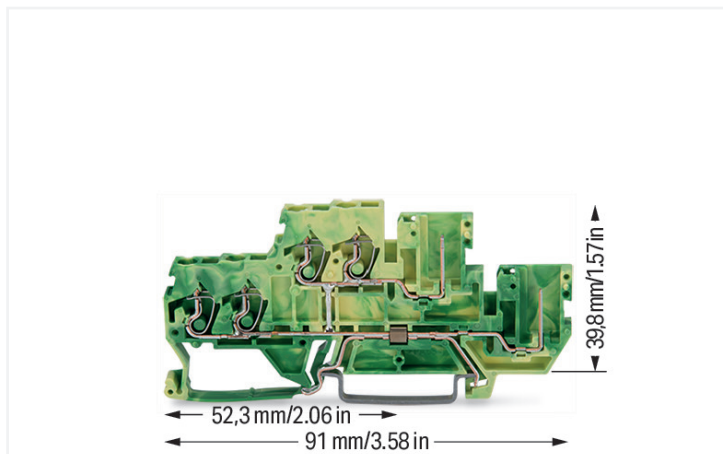


## Data Sheet | Item Number: 870-1137

Double-deck terminal block; 4-conductor ground terminal block; 2.5 mm<sup>2</sup>; PE; without marker carrier; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm<sup>2</sup>; green-yellow

<https://www.wago.com/870-1137>



Color: ■ green-yellow

### Double-deck terminal block, 870 Series, CAGE CLAMP®

This double-deck terminal block (item number 870-1137) is designed for hassle-free electrical installations. Strip lengths must be between 6 and 7 mm when connecting conductors to this double-deck terminal block. Pluggable rail-mount terminal blocks are mainly used in switchgear units and control systems (e.g., in railroad technology). They are essentially a combination of rail-mount terminal blocks and pluggable connectors. You can also pre-assemble installations thanks to the variable wiring system. This saves both time and money during manufacture, installation, operation, and maintenance. The double-deck terminal block also serves as a ground terminal block. This product features conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection offers a dependable and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. This double-deck terminal block is suitable for conductor cross sections ranging from 0.08 mm<sup>2</sup> to 2.5 mm<sup>2</sup>.

This pluggable rail-mount terminal block is operated with an operating tool.

### Notes

Safety Information

Max. insulation diameter: 4.4 mm

Safety information 2

2-conductor female plugs cannot be used.

### Electrical data

#### General information

Wiring direction

Front-entry wiring

### Connection data

Clamping units

6

Total number of potentials

1

Number of levels

2

#### Connection 1

Connection technology

CAGE CLAMP®

Actuation type

Operating tool

Connectable conductor materials

Copper

Solid conductor

0.08 ... 2.5 mm<sup>2</sup> / 28 ... 12 AWG

Fine-stranded conductor

0.08 ... 4 mm<sup>2</sup> / 28 ... 12 AWG

### Connection 1

Fine-stranded conductor; with insulated ferrule	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 14 AWG
Strip length	6 ... 7 mm / 0.24 ... 0.28 inches
Wiring direction	Front-entry wiring

### Physical data

Width	5 mm / 0.197 inches
Height	91 mm / 3.583 inches
Depth from upper-edge of DIN-rail	39.8 mm / 1.567 inches

### Mechanical data

Potential marking	PE
Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Side marking

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	green-yellow
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.216 MJ
Weight	15.2 g

### Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

### Commercial data

PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143343268
Customs tariff number	85369010000

### Product Classification

UNSPSC	39121410
eCl@ss 10.0	27-14-11-41
eCl@ss 9.0	27-14-11-41
ETIM 9.0	EC000901
ETIM 10.0	EC000901
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status Compliant, No Exemption

**Approvals / Certificates**

**General approvals**



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7468
CCA DEKRA Certification B.V.	EN 60947	2189801.01
cURus UL International Germany GmbH	UL 1059	E45172

**Declarations of conformity and manufacturer's declarations**



Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
Railway WAGO GmbH & Co. KG	-	Z00004430.000
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

**Approvals for marine applications**



Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	24-0152298-PDA
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
PRS Polski Rejestr Statków	-	TE/1094/880590/23

**Downloads**




**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 870-1137 <a href="#">↓</a>

**Documentation**

Bid Text			
870-1137	19.02.2019	xml 3.21 KB	<a href="#">↓</a>
870-1137	04.01.2018	doc 25.00 KB	<a href="#">↓</a>

## CAD/CAE-Data

CAD data	CAE data
2D/3D Models 870-1137 	EPLAN Data Portal 870-1137 
	ZUKEN Portal 870-1137 

## 1 Compatible Products

## 1.1 System counterpart

## 1.1.1 Female connector/socket

[Item No.: 769-101/022-016](#)

1-conductor female connector, angled; CAGE CLAMP®; 4 mm<sup>2</sup>; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm<sup>2</sup>; green-yellow

[Item No.: 769-101/000-016](#)

1-conductor female connector; CAGE CLAMP®; 4 mm<sup>2</sup>; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm<sup>2</sup>; green-yellow

## 1.2 Required Accessories

## 1.2.1 End plate

## 1.2.1.1 End plate

[Item No.: 870-1148](#)

End and intermediate plate; 1 mm thick; gray

[Item No.: 870-1149](#)

End and intermediate plate; 1 mm thick; orange

## 1.3 Optional Accessories

## 1.3.1 Coding

## 1.3.1.1 Coding

[Item No.: 769-435](#)

Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange

## 1.3.2 Cover

## 1.3.2.1 Cover

[Item No.: 769-438](#)

Pin cover; with marker slot for miniature WSB; gray

[Item No.: 769-439](#)

Pin cover; with marker slot for miniature WSB; orange

### 1.3.3 DIN-rail

#### 1.3.3.1 Mounting accessories



**Item No.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



**Item No.: 210-198**

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored



**Item No.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored



**Item No.: 210-197**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



**Item No.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored



**Item No.: 210-114**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



**Item No.: 210-118**

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored



**Item No.: 210-115**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored



**Item No.: 210-112**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored



**Item No.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored



**Item No.: 210-113**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored



**Item No.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

### 1.3.4 Ferrule

#### 1.3.4.1 Ferrule



**Item No.: 216-321**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-131**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-322**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise



**Item No.: 216-132**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated



**Item No.: 216-221**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white



**Item No.: 216-121**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-222**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray



**Item No.: 216-122**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-223**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red



**Item No.: 216-123**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-224**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black



**Item No.: 216-124**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

### 1.3.5 Installation

#### 1.3.5.1 Mounting accessories



**Item No.: 209-106**

Mounting carrier; for isolated mounting on DIN 35 rails; gray



**Item No.: 249-116**

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

### 1.3.6 Insulation stop

#### 1.3.6.1 Insulation stop



**Item No.: 280-470**

Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip; white

**Item No.: 280-471**

Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray

**Item No.: 280-472**

Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip; black

### 1.3.7 Jumper

#### 1.3.7.1 Jumper



**Item No.: 870-405/011-000**

**Item No.: 870-407/011-000**

**Item No.: 870-409/011-000**

**Item No.: 870-406/020-000**

Delta jumper; insulated; light gray



**Item No.: 870-410**

Jumper; 10-way; insulated; light gray

**Item No.: 870-402**

Jumper; 2-way; insulated; light gray

**Item No.: 870-403**

Jumper; 3-way; insulated; light gray

**Item No.: 870-404**

Jumper; 4-way; insulated; light gray



**Item No.: 870-405**

Jumper; 5-way; insulated; light gray

**Item No.: 870-406**

Jumper; 6-way; insulated; light gray

**Item No.: 870-407**

Jumper; 7-way; insulated; light gray

**Item No.: 870-408**

Jumper; 8-way; insulated; light gray



**Item No.: 870-409**

Jumper; 9-way; insulated; light gray

**Item No.: 870-440**

Jumper; from 1 to 10; insulated; light gray

**Item No.: 870-433**

Jumper; from 1 to 3; insulated; light gray

**Item No.: 870-434**

Jumper; from 1 to 4; insulated; light gray



**Item No.: 870-435**

Jumper; from 1 to 5; insulated; light gray

### 1.3.8 Marking

#### 1.3.8.1 Group marker carrier



**Item No.: 870-182**

Adaptor; gray

**Item No.: 870-183**

Adaptor; gray

**Item No.: 870-184**

Adaptor; gray

#### 1.3.8.2 Marker



**Item No.: 2009-145**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 248-501**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

**Item No.: 793-5501**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type; white



**Item No.: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

### 1.3.8.3 Marker carrier



**Item No.: 2009-198**

Adaptor; gray

### 1.3.9 Protective warning marker

#### 1.3.9.1 Cover



**Item No.: 280-405**

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

### 1.3.10 Test and measurement

#### 1.3.10.1 Testing accessories



**Item No.: 870-427**

Spacer module; modular; bridging commoned terminal blocks; gray



**Item No.: 870-426**

Tap-off module; modular; suitable for 870 Series terminal blocks with jumper slots in the current bar; gray



**Item No.: 870-425**

Tap-off module; with anti-rotation protection; modular; suitable for 870 Series terminal blocks with jumper slots in the current bar; gray

### 1.3.11 Tool

#### 1.3.11.1 Operating tool



**Item No.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured