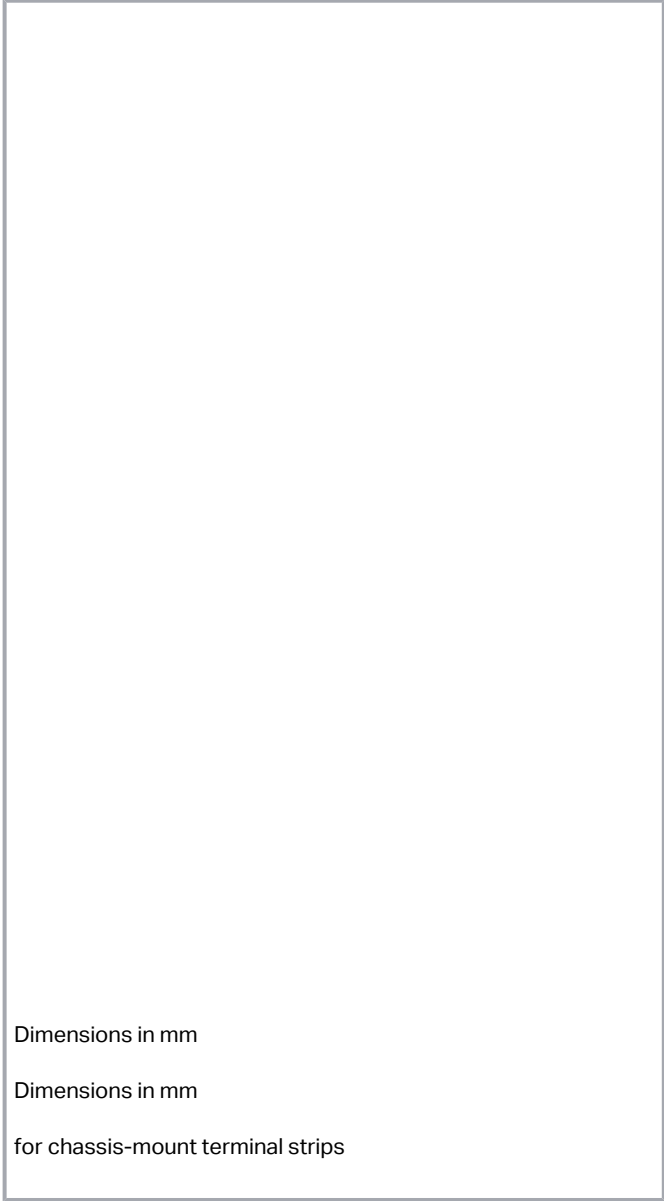
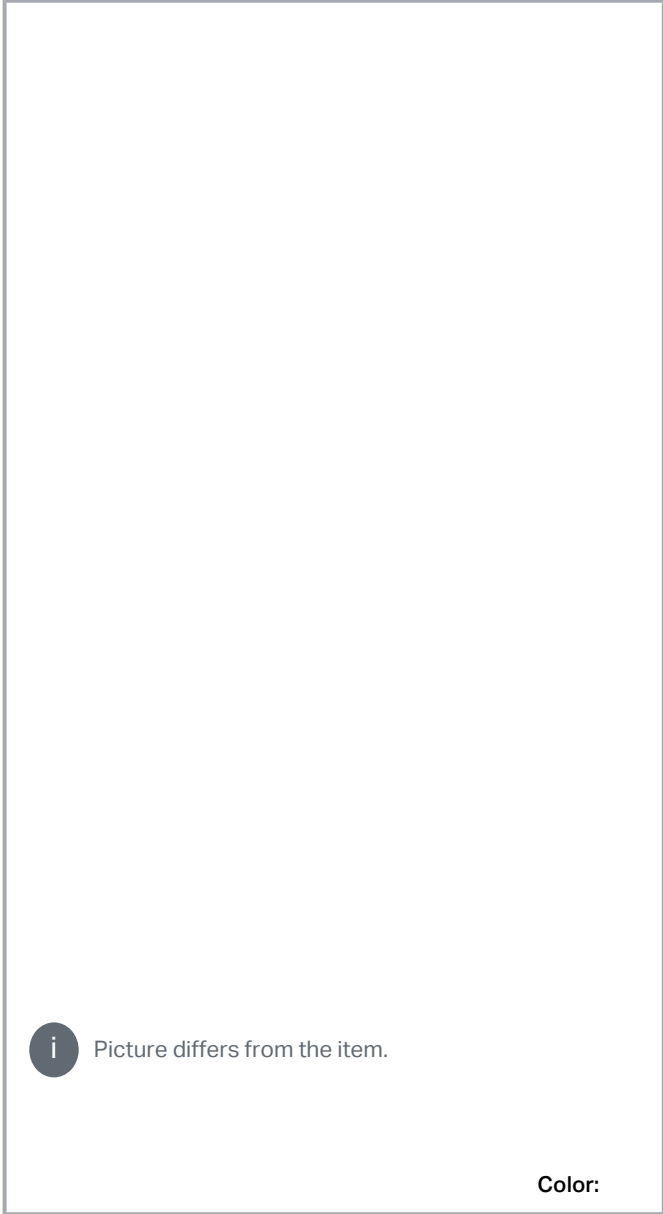


**Data sheet | Item number: 862-615**

4-conductor chassis-mount terminal strip; without ground contact; 5-pole; 4 mm<sup>2</sup>; 4,00 mm<sup>2</sup>; white

[www.wago.com/862-615](http://www.wago.com/862-615)



Subject to changes. Please also observe the further product documentation!

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Dimensions in mm

for PE contact and snap-in mounting foot (Ø 5.2 mm)

## Data

### Electrical data

#### Ratings per IEC/EN

Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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## Connection data

Connection points	20
Total number of potentials	5
PE function	without PE contact

## Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Connectable conductor materials	Copper
Solid conductor	0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Solid conductor; push-in termination	0.75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG
Stranded conductor	0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Fine-stranded conductor	0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.75 mm <sup>2</sup> / 18 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	10 ... 11 mm / 0.39 ... 0.43 inches
Pole number	5
Wiring direction	Side-entry wiring

## Physical data

Pin spacing	12 mm / 0.472 inches
Width	60 mm / 2.362 inches
Height from the surface	22.3 mm / 0.878 inches
Depth	35 mm / 1.378 inches

## Mechanical Data

Marking	plain
Mounting type	Snap-in mounting foot at position 1+3+5
Mounting type	

## Material Data

Note (material data)

[Information on material specifications can be found here](#)

Subject to changes. Please also observe the further product documentation!



Color	white
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.649 MJ
Halogen-free	Yes
Weight	34.3 g

### Commercial data

eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	200 pcs
Packaging type	bag
Country of origin	DE
GTIN	4044918509350
Customs tariff number	85369010000

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CCA</b> DEKRA Certification B.V.	EN 60947	NTR NL 6912
	<b>CCA</b> DEKRA Certification B.V.	EN 60947	2146425.01
	<b>CSA</b> DEKRA Certification B.V.	C22.2 No. 158	1505030
	<b>ENEC 15</b> UL International Germany GmbH	EN 60998	143856-01
	<b>UL</b> UL International Germany GmbH	UL 1059	E45172

### Declarations of conformity and manufacturer's declarations

Certificate

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Logo	Approval	Additional Approval Text	name
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-
	<b>UK-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

#### Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	<b>LR</b> Lloyds Register	EN 60947	91/20112 (E9)

#### Optional accessories

##### Testing and measuring

###### Testing accessories

<b>Item no.: 210-136</b> Test plug; 2 mm Ø; with 500 mm cable; red	<a href="http://www.wago.com/210-136">www.wago.com/210-136</a>
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##### Tool

###### Operating tool

<b>Item no.: 210-720</b> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>
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##### Marking accessories

###### Marking strip

<b>Item no.: 709-178</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/709-178">www.wago.com/709-178</a>
---------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------

<b>Item no.: 709-177</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	<a href="http://www.wago.com/709-177">www.wago.com/709-177</a>
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##### Jumpers

###### Jumper

<b>Item no.: 862-482</b> Jumper; for conductor entry; insulated; black	<a href="http://www.wago.com/862-482">www.wago.com/862-482</a>
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##### Ferrule

###### Ferrule

<b>Item no.: 216-142</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	<a href="http://www.wago.com/216-142">www.wago.com/216-142</a>
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<b>Item no.: 216-143</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight	<a href="http://www.wago.com/216-143">www.wago.com/216-143</a>
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Subject to changes. Please also observe the further product documentation!



crimped; acc. to DIN 46228, Part 1/08.92

**Item no.: 216-141**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

[www.wago.com/216-141](http://www.wago.com/216-141)

**Item no.: 216-144**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored

[www.wago.com/216-144](http://www.wago.com/216-144)

**Item no.: 216-241**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white

[www.wago.com/216-241](http://www.wago.com/216-241)

**Item no.: 216-242**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

[www.wago.com/216-242](http://www.wago.com/216-242)

**Item no.: 216-243**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

[www.wago.com/216-243](http://www.wago.com/216-243)

**Item no.: 216-244**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

[www.wago.com/216-244](http://www.wago.com/216-244)

**Downloads****Documentation****Bid Text**

862-615 X81 - Datei	2019 年2月19 日	xml 3.7 kB	Download
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862-615 doc - Datei	2017 年6月13 日	doc 25.1 kB	Download
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**Additional Information**

		pdf 2.3 MB	Download
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**CAD/CAE-Data****CAD data**

2D/3D Models 862-615		URL	Download
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**CAE data**

EPLAN Data Portal 862-615		URL	Download
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ZUKEN Portal 862-615

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	<a href="#">URL</a>	<a href="#">Download</a>
WSCAD Universe 862-615	<a href="#">URL</a>	<a href="#">Download</a>

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 862-615	<a href="#">URL</a>	<a href="#">Download</a>
4-conductor chassis-mount terminal strip; without ground contact; 5-pole; 4 mm <sup>2</sup> ; 4,00 mm <sup>2</sup> ; white		

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## Installation Notes

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Subject to changes. Please also observe the further product documentation!

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#### Cost-effective features:

WAGO's 862 Series Chassis-Mount Terminal Strips were developed specifically to minimize wiring costs, while accommodating requirements for flexible mounting, multiple connection points and easy usage:

- Equipped with Push-in CAGE CLAMP®, the 862 Series connects up to four conductors sized 0.5 to 4 mm<sup>2</sup> (20 ... 12 AWG). Due to multiple connection points per pole, different conductor sizes can be used within the same terminal block position.
- For factory wiring, Push-in CAGE CLAMP® Connection Technology allows solid conductors, fine-stranded conductors with ferrules or ultrasonically bonded conductors from 0.5 ... 4 mm<sup>2</sup> (20 ... 12 AWG) to be terminated by simply pushing them into unit (length of bonded conductor end: min. 10 mm).
- Convenient automatic grounding contact (optional)
- Snap-in mounting feet for fast assembly
- Push-buttons for easy installation with an operating tool or by hand
- Built-in test points simplify testing with 2 mm Ø test plug
- Standard marking for each pole, or custom marking for large orders

#### Conductor termination

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Subject to changes. Please also observe the further product documentation!





Terminating four conductors per pole – solid and fine-stranded.



Inserting a conductor via push-button.

### Commoning



Commoning using a comb-style jumper bar (862-482).

### Testing



Testing with a 2 mm Ø test plug (max. 42 V).

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Subject to changes. Please also observe the further product documentation!



Dimensions in mm

**Marking**



Marking by direct, one-side printing and marking strips

Subject to changes. Please also observe the further product documentation!