

Data sheet | Item number: 862-1505/999-950

4-conductor chassis-mount terminal strip; suitable for Ex e II applications; 5-pole; PE-N-L1-L2-L3; without ground contact; for 3 mm Ø screw and nut; 4 mm²; 4,00 mm²; black

www.wago.com/862-1505/999-950



RoHS Compliant

BOMcheck.net

Color: ■



Dimensions (in mm) for chassis-mount terminal strips

Data

Electrical data

Approvals Ex

Rated voltage EN (Ex e II) 440 V

Rated current (Ex e II) 28 A

Connection data

Connection technology Push-in CAGE CLAMP®

Actuation type Operating tool
Push-button

Connectable conductor materials Copper

Solid conductor 0.5 ... 4 mm² / 20 ... 12 AWG

Solid conductor, push-in termination 0.75 ... 4 mm² / 18 ... 12 AWG

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

WAGO Kontakttechnik GmbH & Co. KG

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Email: info.de@wago.com | Web: www.wago.com

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Stranded conductor	0.5 ... 4 mm ² / 20 ... 12 AWG
Fine-stranded conductor	0.5 ... 4 mm ² / 20 ... 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.5 ... 2.5 mm ² / 20 ... 12 AWG
Fine-stranded conductor with ferrule, push-in termination, from	0.75 mm ² / 18 AWG
Strip length	10 ... 11 mm / 0.39 ... 0.43 inch
No. of poles	5
Total number of connection points	20
Total number of potentials	5
Type of wiring	Side-entry wiring
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

Geometrical Data

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

Mechanical data

Mounting type	Screw mounting
Marking	PE-N-L1-L2-L3

Material Data

Color	black
Fire load	0.641 MJ
Weight	34.1 g

Commercial data

Packaging type	bag
Country of origin	DE
GTIN	4045454789213
Customs Tariff No.	85369010000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
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ATEX
Physikalisch Technische Bundesanstalt (PTB)

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PTB 03
ATEX
1189 U (II
2 G Ex eb
IIC Gb)




IECEX
Physikalisch Technische Bundesanstalt


IEC 60079

IECEX PTB
05.0003 U
(Ex eb IIC
Gb)

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	1505030


Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	LR Lloyds Register	EN 60947	91/20112 (E9)


Counterpart

Compatible products

Jumper

	Item no.: 862-482 Comb-style jumper bar; for conductor entry; insulated; terminated conductor entry; black	www.wago.com/862-482
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Marking accessories

	Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	www.wago.com/709-177
	Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	www.wago.com/709-178

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

tools

Item no.: 210-720

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

www.wago.com/210-720

ferrule

Item no.: 216-141Ferrule; Sleeve for 0.5 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92www.wago.com/216-141**Item no.: 216-142**Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92www.wago.com/216-142**Item no.: 216-143**Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92www.wago.com/216-143**Item no.: 216-144**Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92www.wago.com/216-144**Item no.: 216-241**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; whitewww.wago.com/216-241**Item no.: 216-242**Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; graywww.wago.com/216-242**Item no.: 216-243**Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; redwww.wago.com/216-243**Item no.: 216-244**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blackwww.wago.com/216-244

Test Accessories

**Item no.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable; red

www.wago.com/210-136**Item no.: 210-137**

Test plug; 2.3 mm Ø; with 500 mm cable; yellow

www.wago.com/210-137

Downloads

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
2.1 MB

Download

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CAD/CAE-Data

CAD data

2D/3D Models 862-1505/999-950	URL	Download
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CAE data

EPLAN Data Portal 862-1505/999-950	URL	Download
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WSCAD Universe 862-1505/999-950	URL	Download
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Installation Notes

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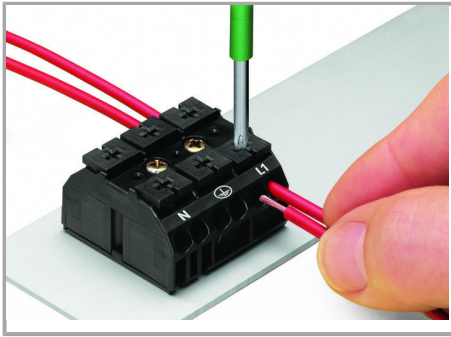


Cost-effective features:

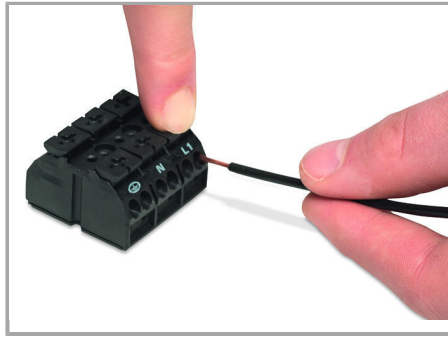
WAGO's 862 Series Chassis-Mount Terminal Strips were developed specifically to minimize wiring costs, while accommodating requirements for flexible mounting, multiple connection points and easy handling:

- Equipped with Push-in CAGE CLAMP®, the 862 Series connects up to four conductors sized 0.5 ... 4 mm² (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 mm² (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.
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- Flexible marking options with standard marking (pre-marked), marking strip or custom marked for large orders
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Subject to changes. Please also observe the further product documentation!



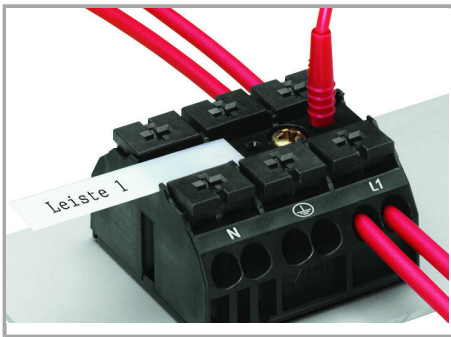
Terminating four conductors per pole – solid and fine-stranded.



Inserting a conductor via push-button.



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



Testing with a 2 mm Ø test plug.

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



Dimensions in mm



Marking by direct, one-side printing and/or marker strips

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