

Data sheet | Item number: 862-9593
4-conductor chassis-mount terminal strip; 3-pole; PE-N-L1; with ground contact; 4 mm²; 4,00 mm²; black

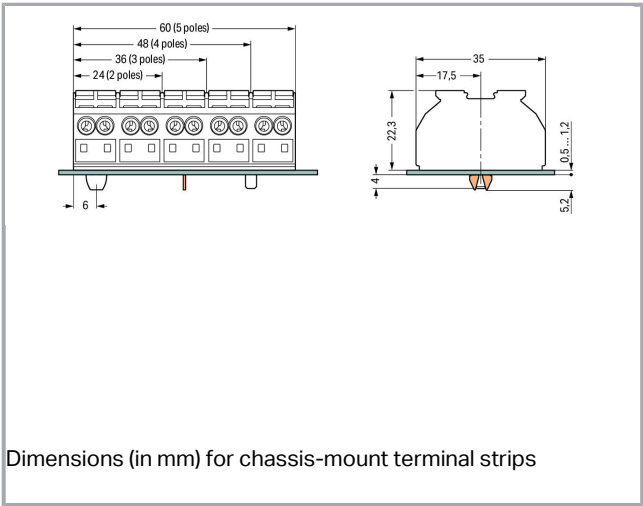
www.wago.com/862-9593



RoHS Compliant

BOMcheck.net

Color:



Dimensions (in mm) for chassis-mount terminal strips

Data
Electrical data

Ratings per IEC/EN 60664-1

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

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool Push-button

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

WAGO Kontakttechnik GmbH & Co. KG
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32423 Minden
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Connectable conductor materials	Copper
Solid conductor	0,5 ... 4 mm ² / 20 ... 12 AWG
Solid conductor; push-in termination	0,75 ... 4 mm ² / 18 ... 12 AWG
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 insulated ferrule	0,5 ... 2,5 mm ² / 20 ... 12 AWG
Fine-stranded conductor; with ferrule; push-in termination	0,75 mm ² / 18 AWG
Strip length	10 ... 11 mm / 0.39 ... 0.43 inch
Pole No.	3
Total number of connection points	12
Total number of potentials	3
Wiring type	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	36 mm / 1.417 inch
Height from the surface	22,3 mm / 0.878 inch
Depth	35 mm / 1.378 inch

Mechanical data

Mounting type	Snap-in mounting foot
Marking	-N-L1

Material Data

Color	black
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Fire load	0.388 MJ
Weight	21.6 g

Commercial data

Packaging type	bag
Country of origin	DE
GTIN	4044918511032
Customs tariff number	85369010000

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Approvals / Certificates

Country specific Approvals

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

Ship Approvals

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

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	20190731- E45172

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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

check

**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

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

ferrule

**Item no.: 216-141**Ferrule; 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

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**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; black

www.wago.com/216-244**tools****Item no.: 210-720**

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

www.wago.com/210-720**Downloads****Documentation****Bid Text**

862-9593	Jun 13, 2017	doc	Download
doc - Datei		25.1 kB	
862-9593	Feb 19, 2019	xml	Download
GAEB X81 - Datei		3.7 kB	

CAD/CAE-Data**CAD data**

2D/3D Models 862-9593	URL	Download
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CAE data

EPLAN Data Portal 862-9593	URL	Download
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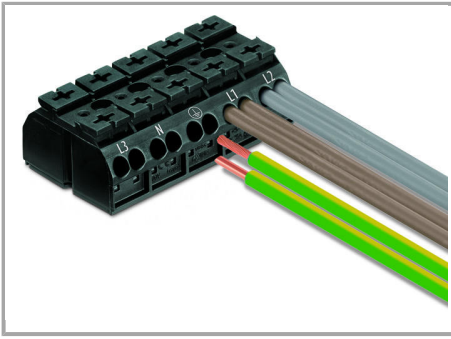
WSCAD Universe 862-9593	URL	Download
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Installation Notes

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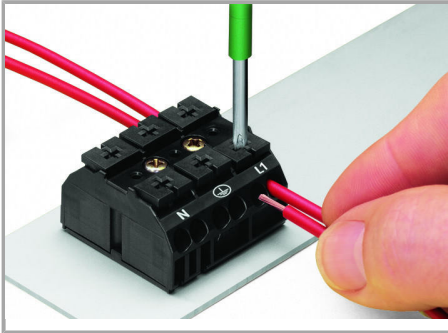
Cost-effective features:

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:

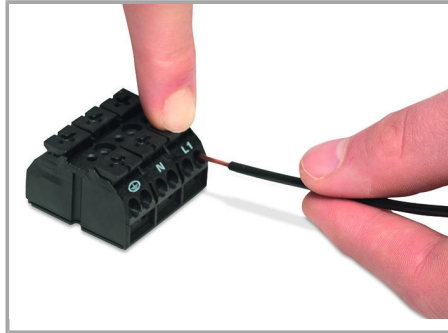
- Equipped with Push-in CAGE CLAMP®, the 862 Series connects up to four conductors sized 0.5 ... 4 mm² (20 ... 12 AWG). Due to multiple connection points per pole, different conductor sizes can be used within the same terminal block position.
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- For 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.
-
- Flexible marking options with standard marking (pre-marked), marking strip or custom marked for large orders
-

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

Conductor termination



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

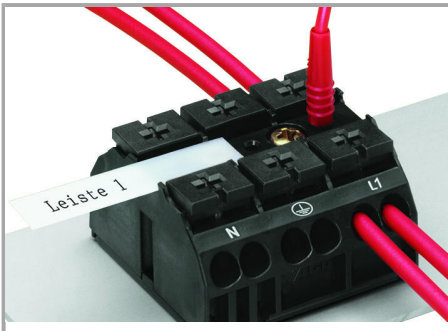


Inserting a conductor via push-button.

Commoning

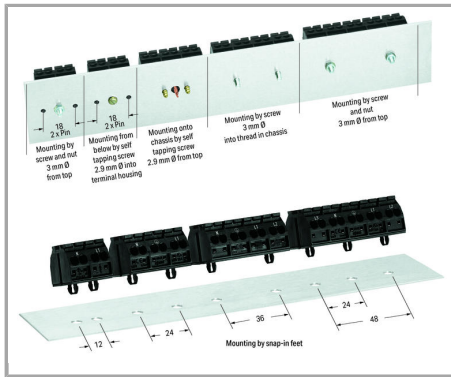


Commoning using a comb-style jumper bar (862-482).

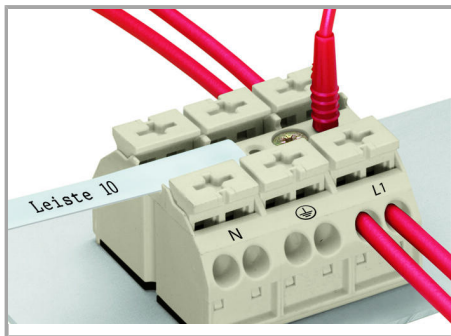


Testing with a 2 mm Ø test plug.

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!