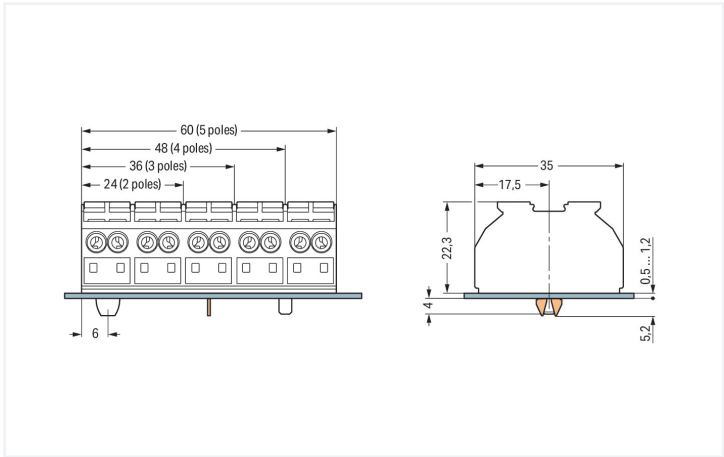
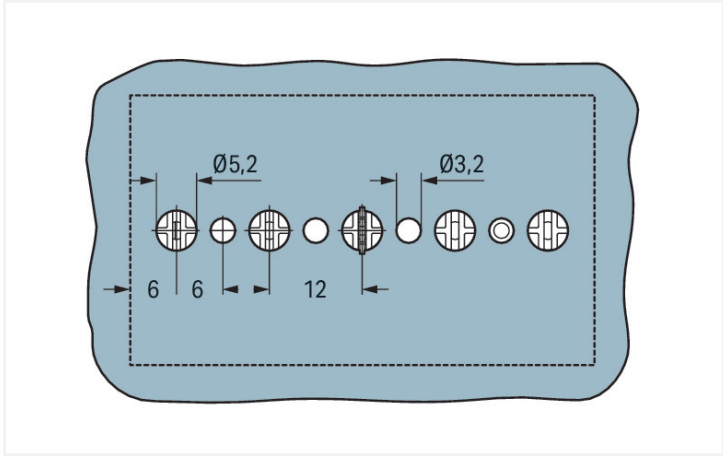




Color: ■ black

Similar to illustration

Dimensions in mm
Dimensions in mmfor chassis-mount terminal strips



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

Chassis-mount terminal strip, 862 Series, with 12 mm pin spacing

This chassis-mount terminal strip (item number 862-1515) simplifies electrical installations. Conductors can only be connected to this chassis-mount terminal strip if their strip length is between 10 and 11 mm . This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. It allows direct insertion of both solid and fine-stranded conductors with ferrules without the need for tools—all thanks to its pluggable design. Dimensions: (60 x 27.5 x 35) mm (width x height x depth). Depending on the type of conductor, this chassis-mount terminal strip is designed for conductor cross sections ranging from 0.5 mm² to 4 mm².

Electrical data			General information	
Ratings per IEC/EN			Wiring direction	Side-entry wiring
Nominal voltage (III/3)	500 V			
Rated impulse withstand voltage (III / 3)	6 kV			
Rated current	32 A			
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3			



Connection Data		
Clamping units	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 mm² / 20 ... 12 AWG	
Solid conductor; push-in termination	0.75 ... 4 mm² / 18 ... 12 AWG	
Stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG	
Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG	
Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm² / 20 ... 16 AWG	
Fine-stranded conductor; with ferrule; push-in termination	0.75 ... 1.5 mm² / 18 ... 16 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	27.5 mm / 1.083 inches	
Height from the surface	22.3 mm / 0.878 inches	
Depth	35 mm / 1.378 inches	

Mechanical data		
Marking	⊕-N-L1-L2-L3	
Mounting type	Snap-in mounting foot at position 1+3+5	

Material data		
Note (material data)	Information on material specifications can be found here	
Color	black	
Material group	I	
Insulation material (main housing)	Polyamide (PA66)	
Flammability class per UL94	V0	
Fire load	0.552 MJ	
Halogen-free	Yes	
Weight	34.3 g	

Commercial data		
PU (SPU)	200 pcs	
Packaging type	Bag	
Country of origin	DE	
GTIN	4044918509510	
Customs tariff number	85369010000	



Product Classification		
UNSPSC		39121410
eCl@ss 10.0		27-14-11-06
eCl@ss 9.0		27-14-11-06
ETIM 9.0		EC001284
ETIM 10.0		EC001284
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations	
Approval	Standard	Certificate Name	
CCA DEKRA Certification B.V.	EN 60947	NTR NL 6912	
CSA DEKRA Certification B.V.	C22.2 No. 158	1505030	
ENEC 15 UL International Germany GmbH	EN 60998	143856-01	
KEMA/KEUR DEKRA Certification B.V.	EN 60947	2146425.01	
UL UL International Germany GmbH	UL 1059	E45172	
Approval	Standard	Certificate Name	
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-	
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-	

Approvals for marine applications

Approval	Standard	Certificate Name
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2
PRS Polski Rejestr Statków	-	TE/1094/880590/23

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 862-1515	



Documentation

Bid Text			
862-1515	19.02.2019	xml 3.63 KB	
862-1515	13.06.2017	doc 25.00 KB	

CAD/CAE-Data

CAD data
2D/3D Models 862-1515

CAE data
EPLAN Data Portal 862-1515
WSCAD Universe 862-1515
ZUKEN Portal 862-1515

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

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; white	Item No.: 216-141 Ferrule; Sleeve for 0.5 mm² / 20 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	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; gray	Item No.: 216-142 Ferrule; Sleeve for 0.75 mm² / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92
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; red	Item No.: 216-143 Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	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	Item No.: 216-144 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored

1.1.2 Jumper

1.1.2.1 Jumper

Item No.: 862-482 Jumper; for conductor entry; insulated; black



1.1.3 Marking

1.1.3.1 Marking strip



Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

1.1.4 Test and measurement

1.1.4.1 Testing accessories



Item No.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red

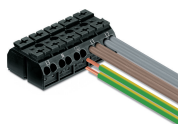
1.1.5 Tool

1.1.5.1 Operating tool



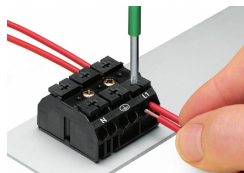
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

**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 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
- Standard marking for each pole, or custom marking for large orders

Conductor termination

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



Inserting a conductor via push-button.

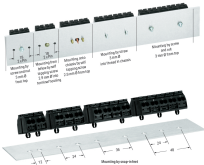
Commoning

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

Testing

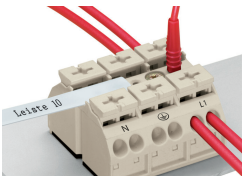


Testing with a 2 mm Ø test plug (max. 42 V).



Dimensions in mm

Marking



Marking by direct, one-side printing and marking strips