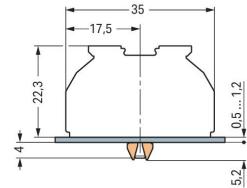
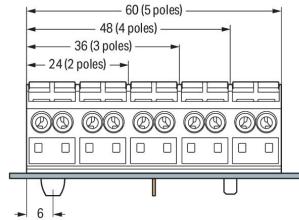


Color: white



Dimensions in mm

Dimensions in mm  
for chassis-mount terminal strips

## 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) $\triangleq$ Overvoltage category III / Pollution degree 3

## Connection data

Total number of connection points	16
Total number of potentials	4
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 mm² / 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 inch
Pole number	4
Wiring direction	Side-entry wiring

## Physical data

Pin spacing	12 mm / 0.472 inch
Width	48 mm / 1.89 inch
Height from the surface	22.3 mm / 0.878 inch
Depth	35 mm / 1.378 inch

## Mechanical data

Marking	plain
Mounting type	Screw mount

## Material data

Note (material data)	<a href="#">Information on material data can be found here</a>
Color	white
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.405 MJ
Halogen-free	Yes
Weight	27.2 g

**Commercial data**

eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 7.0	EC001284
ETIM 6.0	EC001284
PU (SPU)	200 Stück
Packaging type	Bag
Country of origin VKOrg Germany	DE
GTIN	4044918509312
Customs tariff number VKOrg Germany	85369010000

**Approvals and certificates****Country specific Approvals**

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

**Ship Approvals**

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

**UL-Approvals**

Approval	Standard	Certificate name
UL	UL 1059	E45172
UL International Germany GmbH		

**Downloads****Environmental Product Compliance****Compliance Search**

Environmental Product Compliance 862-604



## Documentation

### Additional Information

Technical Section

pdf  
2142.18 KB

### Bid Text

862-604

19.02.2019

xml  
3.72 KB

862-604

12.06.2017

doc  
24.50 KB

## CAD/CAE-Data

### CAD data

2D/3D Models 862-604



### CAE data

EPLAN Data Portal  
862-604WSCAD Universe  
862-604

ZUKEN Portal 862-604



## 1 Compatible products

### 1.1 Optional accessories

#### 1.1.1 Ferrule



##### [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

##### [Item no.: 216-141](#)

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 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 mm<sup>2</sup> / 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 mm<sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

##### [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

##### [Item no.: 216-143](#)

Ferrule; Sleeve for 1 mm<sup>2</sup> / 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 mm<sup>2</sup> / 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 mm<sup>2</sup> / 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

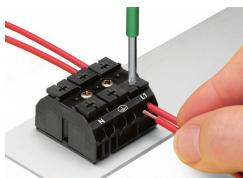
## Installation notes



### 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 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



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



Inserting a conductor via push-button.

## Commoning

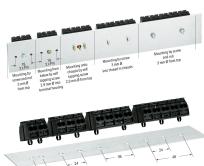


Commoning using a comb-style jumper bar (862-482).

## Testing

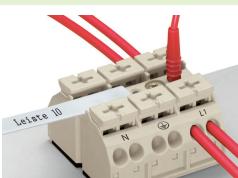


Testing with a 2 mm Ø test plug (max. 42 V).



Dimensions in mm

## Marking



Marking by direct, one-side printing and marking strips