

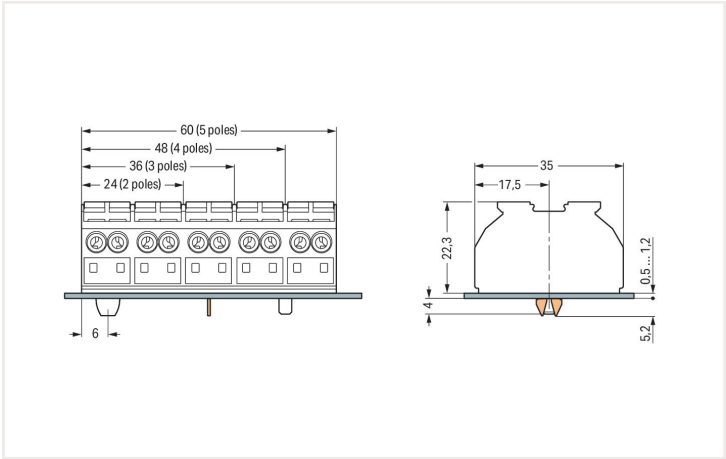
| : 862-505

4-conductor chassis-mount terminal strip; without ground contact; 5-pole; for 3 mm Ø screw and nut; 4 mm²; 4,00 mm²; black

<https://www.wago.com/862-505>



: ■ black



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) ≙ Overvoltage category III / Pollution degree 3

Connection data

Total number of connection points	20	Connection 1	
Total number of potentials	5	Connection technology	Push-in CAGE CLAMP®
PE function	without PE contact	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 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	Screw mount

Material data

Note (material data)	Information on material data can be found here
Color	black
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.641 MJ
Halogen-free	Yes
Weight	34.1 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 Stück
Packaging type		Bag
Country of origin VKOrg Germany		DE
GTIN		4044918509060
Customs tariff number VKOrg Germany		85369010000

Approvals and certificates				
Country specific Approvals			Ship Approvals	
				
CCA DEKRA Certification B.V.	EN 60947	NTR NL 6912	DNV GL Det Norske Veritas, Germanischer Lloyd	TAE00001V2
CCA DEKRA Certification B.V.	EN 60947	2146425.01		
CSA DEKRA Certification B.V.	C22.2 No. 158	1505030	LR Lloyds Register	91/20112 (E9)
ENEC 15 UL International Germany GmbH	EN 60998	143856-01		

UL-Approvals		
		
UL UL International Germany GmbH	UL 1059	E45172

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.



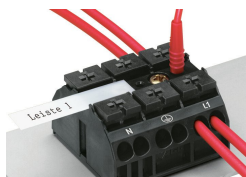
Inserting a conductor via push-button.

Commoning

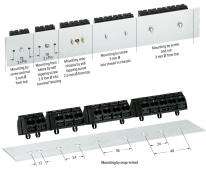


Commoning using a comb-style jumper bar (862-482).

Testing

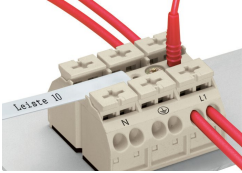


Testing with a 2 mm Ø test plug (max. 42 V).



Dimensions in mm

Marking



Marking by direct, one-side printing and marking strips