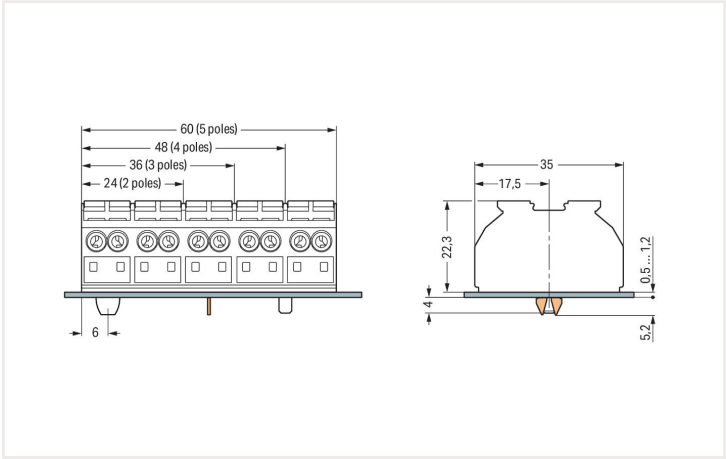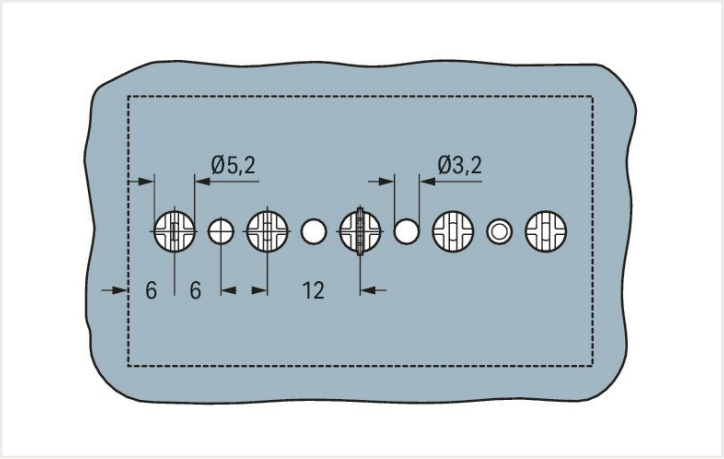# Data sheet | Item number: 862-8633

4-conductor chassis-mount terminal strip; with ground contact; N-PE-L1; 3-pole; 1 snap-in foot per pole; 4 mm²; 4,00 mm²; white

Dimensions in mm
Dimensions in mm
for chassis-mount terminal strips

Dimensions in mm
for GND contact and snap-in mounting foot (Ø 5.2 mm)

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	12
Total number of potentials	3
PE function	with ground 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 inches
Pole number	3
Wiring direction	Side-entry wiring

Physical data

Pin spacing	12 mm / 0.472 inches
Width	36 mm / 1.417 inches
Height from the surface	22.3 mm / 0.878 inches
Depth	35 mm / 1.378 inches

Mechanical data

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

Material data

Note (material data)	Information on material data can be found here
Color	white
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.324 MJ
Halogen-free	Yes
Weight	21.3 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)	250 Stück
Packaging type	Bag
Country of origin VKOrg Germany	DE
GTIN	4044918510684
Customs tariff number VKOrg Germany	85369010000

Approvals and certificates

Country specific Approvals

Approval	Standard	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

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

UL-Approvals

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

Installation notes
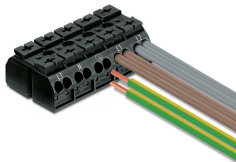
Cost-effective features:
WAGO's 862 Series Chassis-Mount Terminal Strips were developed specifically to minimize wiring costs, while accommodating requirements for flexible mounting, multiple connection points and easy usage:Equipped with Push-in CAGE CLAMP®, the 862 Series connects up to four conductors 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 assemblyPush-buttons for easy installation with an operating tool or by handBuilt-in test points simplify testing with 2 mm Ø test plugStandard marking for each pole, or custom marking for large orders

Conductor termination
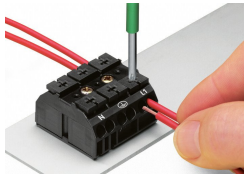
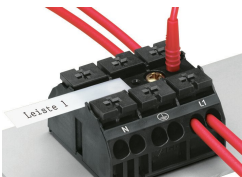Terminating four conductors per pole – solid and fine-stranded.
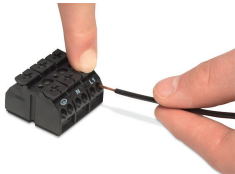
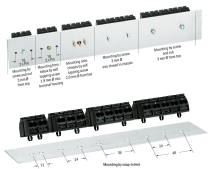Inserting a conductor via push-button.

Commoning

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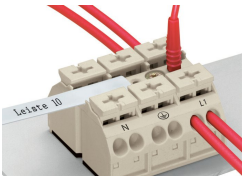
Testing

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

Dimensions in mm

Marking

Marking by direct, one-side printing and marking strips

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

Current addresses can be found at: www.wago.com