

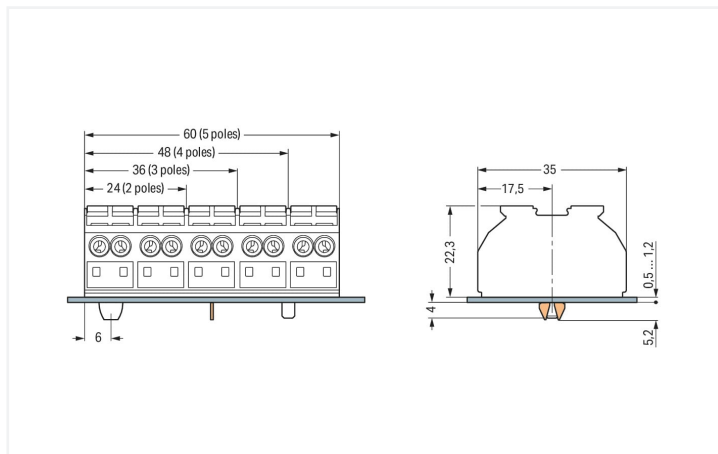
Data Sheet | Item Number: 862-505

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

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



Color: ■ 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) \triangleq Overvoltage category III / Pollution degree 3 |

Connection data

| | |
|----------------------------|--------------------|
| Connection points | 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 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 ... 1.5 mm ² / 20 ... 16 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 0.75 mm ² / 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 specifications can be found here |
| Color | black |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.617 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 pcs |
| Packaging type | Bag |
| Country of origin | DE |
| GTIN | 4044918509060 |
| Customs tariff number | 85369010000 |

Approvals and certificates

General 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 |
| UL UL International Germany GmbH | UL 1059 | E45172 |

Approvals for marine applications



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

Downloads

Environmental Product Compliance

| Compliance Search | |
|--|-------------------|
| Environmental Product Compliance 862-505 | ↓ |

Documentation

| Additional Information | | |
|------------------------|-------------------|-------------------|
| Technical Section | pdf 2142.18 KB | ↓ |

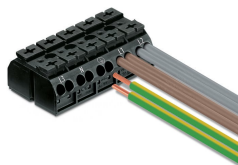
| Bid Text | | | |
|----------|------------|-----------------|-------------------|
| 862-505 | 19.02.2019 | xml 3.72 KB | ↓ |
| 862-505 | 12.06.2017 | doc 24.50 KB | ↓ |

CAD/CAE-Data

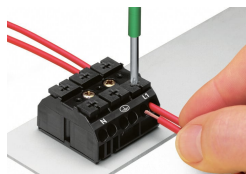
| CAD data | |
|----------------------|-------------------|
| 2D/3D Models 862-505 | ↓ |

| CAE data | |
|---------------------------|-------------------|
| EPLAN Data Portal 862-505 | ↓ |
| WSCAD Universe 862-505 | ↓ |
| ZUKEN Portal 862-505 | ↓ |

Installation notes



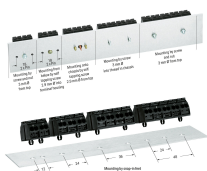
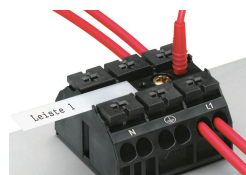
Conductor termination



Commoning



Testing



Dimensions in mm

Marking

