

Data Sheet | Item Number: 221-423/995-012

Splicing connector with levers; for all conductor types; max. 4 mm²; 3-conductor; transparent housing; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent



<https://www.wago.com/221-423/995-012>



Color: transparent

Ihre Vorteile:

- Kunststoffe teilweise Post-Consumer-Rezyklat (z.B. recycelte PET-Flaschen) und biobasierte Reststoffe aus Industrien und Haushalten
- Reduzierter Verbrauch fossiler Ressourcen
- Einfache Handhabung: Hebel auf, Leiter rein, Hebel zu
- Als 2-, 3- und 5-Leiter-Klemmen erhältlich
- Komfortabler Leiteranschluss von 0,14 bis 4 mm²
- Installation von ein-, fein- und mehrdrätiger Leiter
- Zeitersparnis für Installateure und Gerätehersteller
- Schnelle Installation von Geräten mit höherem Leistungsbedarf
- Sichere Verlegung langer Leitungen mit größeren Leiterquerschnitten
- Befestigungsadapter für normgerechte Installation
- Individuelle Fixierungen möglich

This item includes:



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Notes

Sicherheitshandhabungshinweis

NOTICE: Observe installation and safety instructions!

- **Only to be used by electricians!**
- Do not work under voltage/load!
- Use only for proper use!
- Observe national regulations/standards/guidelines!
- Observe technical specifications for the products!
- Observe the number of permissible potentials!
- Do not use damaged/dirty components!
- Observe conductor types, cross-sections and strip lengths!
- Insert conductor until it hits the product's backstop!
- Use original accessories!

To be sold only with installation instructions!

Safety information

in grounded power lines

Electrical data

| Ratings per IEC/EN | |
|----------------------------|--|
| Ratings per | EN 60664 |
| Nominal voltage (II/2) | 450 V |
| Rated surge voltage (II/2) | 4 kV |
| Rated current | 32 A |
| Legend (ratings) | (II / 2) \triangleq Overvoltage category II / Pollution degree 2 |

| Ratings per UL | |
|--------------------------------|---------|
| Approvals per | UL 486C |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 20 A |

Connection data

| | |
|----------------------------|---|
| Connection points | 3 |
| Total number of potentials | 1 |

| Connection 1 | |
|---------------------------------|--|
| Connection technology | CAGE CLAMP® |
| Actuation type | Lever |
| Connectable conductor materials | Copper |
| Nominal cross-section | 4 mm ² / 12 AWG |
| Solid conductor | 0.2 ... 4 mm ² / 24 ... 12 AWG |
| Stranded conductor | 0.2 ... 4 mm ² / 24 ... 12 AWG |
| Fine-stranded conductor | 0.14 ... 4 mm ² / 24 ... 12 AWG |
| Strip length | 11 mm / 0.43 inches |
| Wiring direction | Side-entry wiring |

Physical data

| | |
|--------|------------------------|
| Width | 18.8 mm / 0.74 inches |
| Height | 8.6 mm / 0.327 inches |
| Depth | 18.8 mm / 0.732 inches |

Material data

| | |
|-----------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | transparent |
| Insulation material | Polycarbonate (PC) |
| Flammability class per UL94 | V2 |
| Fire load | 0.075 MJ |
| Actuator color | green |
| Weight | 2.5 g |

Environmental requirements

| | |
|----------------------------------|--------|
| Ambient temperature (operation) | +85 °C |
| Continuous operating temperature | 105 °C |
| Temperature marking per EN 60998 | T85 |

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 216 (12) pcs |
| Country of origin | DE |
| GTIN | 4066966355161 |
| Customs tariff number | 85369010000 |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

1 Compatible Products

1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 Empty housings



Item No.: 207-4301
 Junction box; Branch; for multicore cables; 221 Series; max. 4 mm² connectors; without splicing connectors; white

1.1.1.2 Moisture protection



Item No.: 207-1331
 Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 1; gray



Item No.: 207-1333
 Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 3; gray

1.1.2 Jumper

1.1.2.1 Jumper



Item No.: 221-941/000-006
 Jumper; for conductor entry; 2-way; insulated; blue



Item No.: 221-942/000-006
 Jumper; for conductor entry; 2-way; insulated; blue



Item No.: 221-941
 Jumper; for conductor entry; 2-way; insulated; dark gray



Item No.: 221-942
 Jumper; for conductor entry; 2-way; insulated; dark gray

1.1.3 Mounting adapter

1.1.3.1 Mounting accessories



Item No.: 221-500/000-006
 Mounting carrier; 221 Series - 4 mm²; for DIN-35 rail mounting/screw mounting; blue



Item No.: 221-500/000-053
 Mounting carrier; 221 Series - 4 mm²; for DIN-35 rail mounting/screw mounting; dark gray-yellow



Item No.: 221-500
 Mounting carrier; 221 Series - 4 mm²; for DIN-35 rail mounting/screw mounting; orange



Item No.: 221-503/000-004
 Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm²; for screw mounting; black



Item No.: 221-503
 Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm²; for screw mounting; white



Item No.: 221-513/000-004
 Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm²; with snap-in mounting foot for horizontal mounting; black



Item No.: 221-513
 Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm²; with snap-in mounting foot for horizontal mounting; white



Item No.: 221-523/000-004
 Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm²; with snap-in mounting foot for vertical mounting; black

1.1.3.1 Mounting accessories



Item No.: 221-523

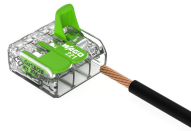
Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm²; with snap-in mounting foot for vertical mounting; white

Installation Notes

Conductor termination



Strip conductor to 11 mm



Termination: Lift the lever to open the clamping unit and insert a stripped conductor



Then lower the lever to close the clamp

Testing



Testing via test slots

Application



Wiring in the distribution box