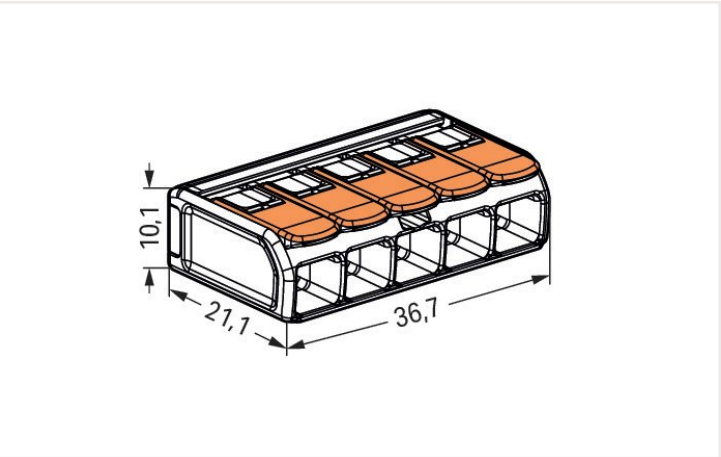
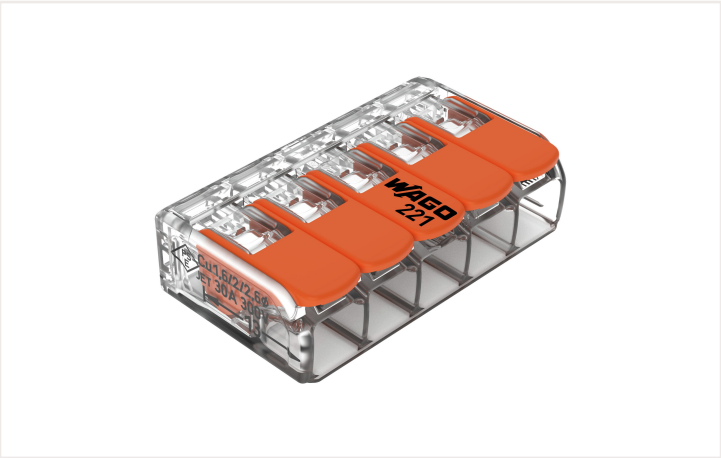


COMPACT Splicing Connector; for all conductor types; max. 6 mm²; 5-conductor; with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 6,00 mm²; transparent



Dimensions in mm

Your benefits:

- Ease of use – pull the lever up, insert a conductor and push the lever back down
- Available as 2-, 3- and 5-wire connectors
- Easily terminate conductors from 0.5 to 6 mm²
- Connection of all conductor types
- Time savings for installers and device manufacturers
- Quickly install devices with higher power consumption
- Safely install long cable runs with larger conductor cross sections
- Mounting carrier for installation conforms to standards
- Custom carriers are possible

| Notes | |
|----------------------|-------------------------|
| Safety information 1 | in grounded power lines |

| Electrical data | | | |
|-----------------------------|----------|--------------------|---|
| Ratings per IEC/EN | | Ratings per IEC/EN | |
| Ratings per | EN 60664 | Legend (ratings) | (II / 2) ≙ Overvoltage category II / Pollution degree 2 |
| Nominal voltage (III/2) | 450 V | | |
| Rated surge voltage (III/2) | 4 kV | | |
| Rated current | 41 A | | |

Ratings per UL

| | |
|--------------------------------|---------|
| Approvals per | UL 486C |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 30 A |

Connection data

| | |
|-----------------------------------|---|
| Total number of connection points | 5 |
| Total number of potentials | 1 |

Connection 1

| | |
|---------------------------------|-------------------------------------|
| Connection technology | CAGE CLAMP® |
| Actuation type | Lever |
| Connectable conductor materials | Copper |
| Nominal cross-section | 6 mm² / 10 AWG |
| Solid conductor | 0.5 ... 6 mm² / 20 ... 10 AWG |
| Stranded conductor | 0.5 ... 6 mm² / 20 ... 10 AWG |
| Fine-stranded conductor | 0.5 ... 6 mm² / 20 ... 10 AWG |
| Strip length | 12 ... 14 mm / 0.47 ... 0.55 inches |
| Wiring direction | Side-entry wiring |

Physical data

| | |
|--------|------------------------|
| Width | 36.7 mm / 1.445 inches |
| Height | 10.1 mm / 0.398 inches |
| Depth | 21.1 mm / 0.831 inches |

Material data

| | |
|-----------------------------|--|
| Note (material data) | Information on material data can be found here |
| Color | transparent |
| Cover color | transparent |
| Flammability class per UL94 | V2 |
| Fire load | 0.103 MJ |
| Actuator color | orange |
| Weight | 7.1 g |

Environmental requirements

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

Commercial data

| | |
|-------------------------------------|----------------|
| eCl@ss 10.0 | 27-14-11-04 |
| eCl@ss 9.0 | 27-14-11-04 |
| ETIM 8.0 | EC000446 |
| ETIM 7.0 | EC000446 |
| PU (SPU) | 150 (15) Stück |
| Packaging type | Box |
| Country of origin VKOrg Germany | CH |
| GTIN | 4055143715478 |
| Customs tariff number VKOrg Germany | 85369010000 |

Approvals and certificates

Country specific Approvals



| Approval | Standard | Certificate name |
|---------------------------------------|----------|------------------|
| KEMA/KEUR DEKRA Certification B.V. | EN 60998 | 71-105677 |

Ship Approvals



| Approval | Standard | Certificate name |
|---|----------|------------------|
| ABS American Bureau of Ship- ping | EN 60998 | 18-HG1755093-PDA |
| DNV GL Det Norske Veritas, Ger- manischer Lloyd | EN 60998 | TAE000015T |
| LR Lloyds Register | EN 60998 | LR22207029TA |

UL-Approvals



| Approval | Standard | Certificate name |
|--|----------|------------------|
| UL UL International Germany GmbH | UL 486C | E69654 |

1 Compatible products

1.1 Optional accessories

1.1.1 General accessories

1.1.1.1 Moisture protection



Item no.: 207-1432

Gelbox; for cables; Branch; with gel; 221 Series; max. 6 mm² connectors; without splicing connectors; Size 2; 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.: 221-510/000-006

Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; blue



Item no.: 221-510/000-053

Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; dark gray-yellow

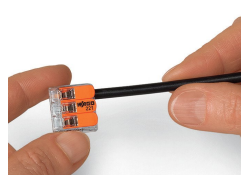
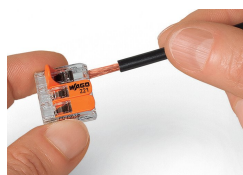
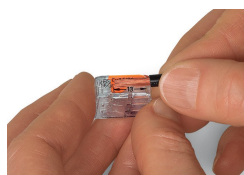


Item no.: 221-510

Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; orange

Installation notes

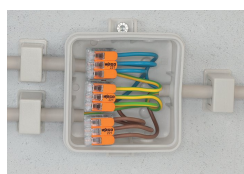
Conductor termination



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

Then, lower the lever to close the clamp.

Application



Wiring fine-stranded conductors in junction boxes.



Custom low-voltage lighting system



Lighting distribution in a ceiling canopy



Pendant light connection in a suspended ceiling



COMPACT Splicing Connectors for All
Conductor Types (6 mm²), 221 Series