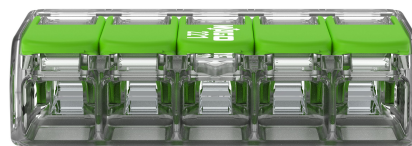
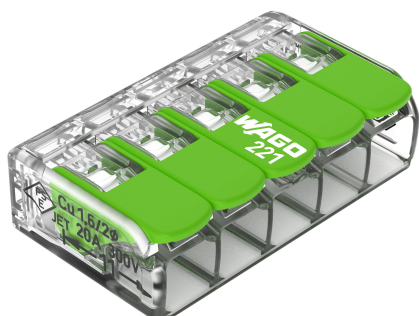


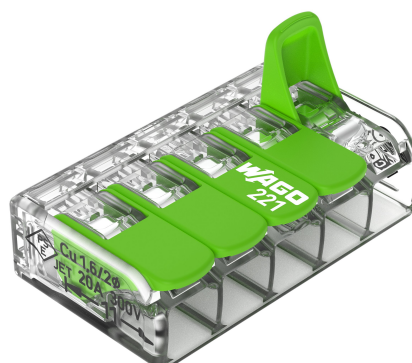
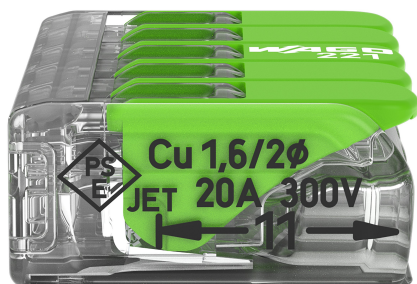
Data Sheet | Item Number: 221-425

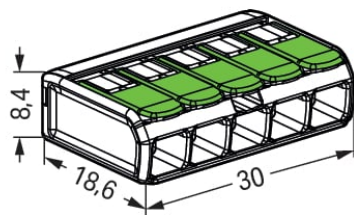
Splicing connector with levers; for all conductor types; max. 4 mm²; 5-conductor;
transparent housing; Surrounding air temperature: max 85°C (T85); 4,00 mm²; trans-
parent

<https://www.wago.com/221-425>



Color: ☐ transparent







Your Benefits:

- Plastics made partially from post-consumer recycled material (such as recycled PET bottles) and bio-based recyclables from industrial and household use
- Reduced consumption of fossil resources
- 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 0.14 to 4 mm²
- Connect solid, stranded and fine-stranded conductors
- 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 | |
|-------------------------------|--|
| Sicherheitshandhabungshinweis | <div>Attention: Observe operating instructions, danger to life and limb!</div> <div><ul style="list-style-type: none">• 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!</div> <div>To be sold only with installation instructions!</div> |
| Safety information | in grounded power lines |



| Electrical data | | | | | | | |
|----------------------|-----|-----|-------|----------|--|--|--|
| Ratings per | | | | EN 60664 | | | |
| Overvoltage category | III | III | II | | | | |
| Pollution degree | 3 | 2 | 2 | | | | |
| Nominal voltage | - | - | 450 V | | | | |
| Rated surge voltage | - | - | 4 kV | | | | |
| Rated current | - | - | 32 A | | | | |

| Approvals per | | | | UL 486C | | | |
|---------------|---|-------|---|---------|--|--|--|
| Use group | B | C | D | | | | |
| Rated voltage | - | 600 V | - | | | | |
| Rated current | - | 20 A | - | | | | |

| Connection data | | | | | | | |
|----------------------------|---|--|--|--|--|--|--|
| Connection points | 5 | | | | | | |
| Total number of potentials | 1 | | | | | | |

| Connection 1 | |
|---------------------------------|--------------------------------|
| Connection technology | CAGE CLAMP® |
| Actuation type | Lever |
| Connectable conductor materials | Copper |
| Nominal cross-section | 4 mm² / 12 AWG |
| Solid conductor | 0.2 ... 4 mm² / 24 ... 12 AWG |
| Stranded conductor | 0.2 ... 4 mm² / 24 ... 12 AWG |
| Fine-stranded conductor | 0.14 ... 4 mm² / 24 ... 12 AWG |
| Strip length | 11 mm / 0.43 inches |
| Wiring direction | Side-entry wiring |

| Physical data | |
|---------------|------------------------|
| Width | 30 mm / 1.181 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 | 0.111 MJ |
| Actuator color | green |
| Weight | 4.1 g |




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




| Commercial data | | |
|-----------------------|--|---------------|
| PU (SPU) | | 250 (25) pcs |
| Country of origin | | DE |
| GTIN | | 4066966345285 |
| Customs tariff number | | 85369010000 |

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

Approvals / Certificates

| General approvals | | | Declarations of conformity and manufacturer's declarations | | |
|---|----------|--------------|--|----------|------------------|
| <div></div> | | | Approval | Standard | Certificate Name |
| CCA DEKRA Certification B.V. | EN 60998 | NTR NL-7990 | EU-Declaration of Confor- mity WAGO GmbH & Co. KG | | |
| cULus_Listed_667F Underwriters Laboratories Inc. | UL 486C | UL-CA-L69654 | | | |
| ENEC 05 DEKRA Certification B.V. | EN 60669 | 71-127529 | | | |

| Downloads | |
|---|---|
| Environmental Product Compliance | |
| Compliance Search | |
| Environmental Product Compliance 221-425 |  |

| 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; wi-
thout splicing connectors; white

1.1.1.2 Moisture protection



Item No.: 207-1332
Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 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.: 221-500/000-006
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.: 221-505/000-004
Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm²; for screw mounting; black



Item No.: 221-505
Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm²; for screw mounting; white



Item No.: 221-515/000-004
Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm²; with snap-in mounting foot for horizontal mounting; black



Item No.: 221-515
Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm²; with snap-in mounting foot for horizontal mounting; white



Item No.: 221-525/000-004
Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm²; with snap-in mounting foot for vertical mounting; black



Item No.: 221-525
Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm²; with snap-in mounting foot for vertical mounting; white

Installation Notes

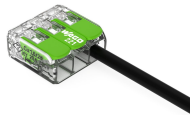
Conductor termination



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