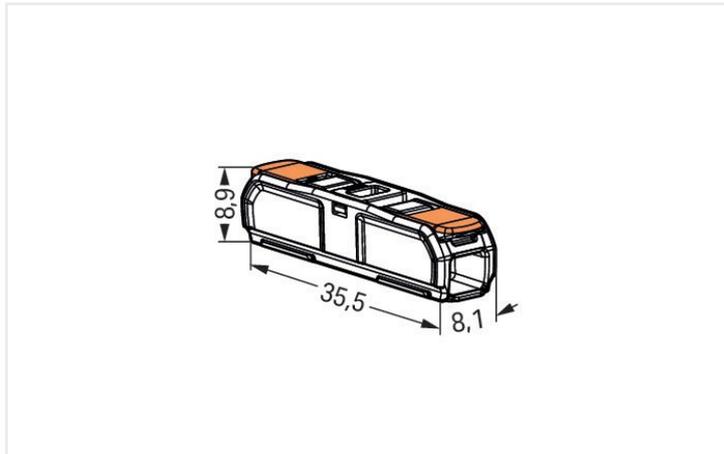
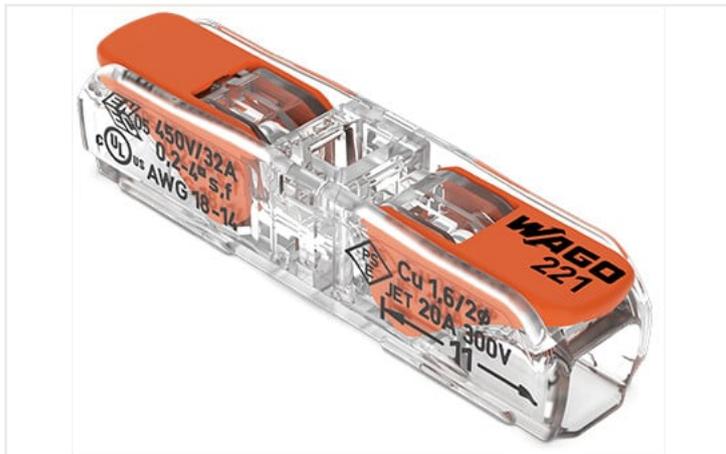


Data sheet | Item number: 221-2411

Inline splicing connector with lever; for all conductor types; max. 4 mm²; 2-conductor; transparent housing; Transparent cover; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

<https://www.wago.com/221-2411>



This connector is suitable for worldwide installations.

- Connecting solid, stranded and fine-stranded conductors from 0.2 to 4mm² in the feedthrough direction
- Slim design minimizes dimensions for installation in tight spaces
- Tool-free connection and disconnection thanks to convenient lever technology
- Choosing between fixed-position installation and multi-pole installation with an adapter

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) Δ Overvoltage category II / Pollution degree 2 |

Ratings per UL

| | |
|--------------------------------|-------|
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 20 A |

Connection data

| | |
|-----------------------------------|---|
| Total number of connection points | 2 |
|-----------------------------------|---|

Connection 1

| | |
|---------------------------------|---|
| Connection technology | CAGE CLAMP® |
| Actuation type | Lever |
| Connectable conductor materials | Copper |
| Solid conductor | 0.2 ... 4 mm ² / 20 ... 14 AWG |
| Stranded conductor | 0.2 ... 2.5 mm ² / 18 ... 14 AWG |
| Fine-stranded conductor | 0.2 ... 4 mm ² / 18 ... 14 AWG |
| Abisolierlänge | 11 mm / 0.43 inches |

Physical data

| | |
|--------|------------------------|
| Width | 8.1 mm / 0.319 inches |
| Height | 8.9 mm / 0.35 inches |
| Depth | 35.5 mm / 1.398 inches |

Material data

| | |
|-------------------------------|--|
| Note (material data) | Information on material data can be found here |
| Color | transparent |
| Cover color | transparent |
| Material group | IIIa |
| Insulation material | Polycarbonate (PC) |
| Flammability class per UL94 | V2 |
| Fire load | 0 MJ |
| Actuator color | orange |
| Weight of insulation material | 0.84 g |
| Weight | 2.4 g |

Environmental requirements

| | |
|----------------------------------|-----------------|
| Continuous operating temperature | -60 ... +105 °C |
|----------------------------------|-----------------|

Commercial data

| | |
|-------------------------------------|-----------------|
| ETIM 8.0 | EC000446 |
| ETIM 7.0 | EC000446 |
| PU (SPU) | 600 (60) Pieces |
| Packaging type | Box |
| Country of origin VKOrg Germany | DE |
| GTIN | 4066966102666 |
| Customs tariff number VKOrg Germany | 85369010000 |

Approvals and certificates

General approvals



| Approval | Standard | Certificate name |
|---|----------|------------------|
| CCA DEKRA Certification B.V. | EN 60998 | NTR NL-7827 |
| UL Underwriters Laboratories Inc. | UL 486C | E69654 |

Approvals for marine applications



| Approval | Standard | Certificate name |
|-----------------------|----------|------------------|
| LR Lloyds Register | EN 60998 | LR22207029TA |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 221-2411



Documentation

Additional Information

Technical Section

pdf
2142.18 KB



CAD/CAE-Data

CAD data

2D/3D Models
221-2411



CAE data

ZUKEN Portal
221-2411



1 Compatible products

1.1 Optional accessories

1.1.1 Installation

1.1.1.1 Mounting accessories



Item no.: 221-2501
Mounting carrier with strain relief; 1-way; for inline splicing connector with lever; for screw mounting; gray



Item no.: 221-2511
Mounting carrier with strain relief; 1-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item no.: 221-2502
Mounting carrier with strain relief; 2-way; for inline splicing connector with lever; for screw mounting; gray



Item no.: 221-2512
Mounting carrier with strain relief; 2-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item no.: 221-2503
Mounting carrier with strain relief; 3-way; for inline splicing connector with lever; for screw mounting; gray



Item no.: 221-2513
Mounting carrier with strain relief; 3-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item no.: 221-2504
Mounting carrier with strain relief; 4-way; for inline splicing connector with lever; for screw mounting; gray



Item no.: 221-2514
Mounting carrier with strain relief; 4-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item no.: 221-2505
Mounting carrier with strain relief; 5-way; for inline splicing connector with lever; for screw mounting; gray



Item no.: 221-2515
Mounting carrier with strain relief; 5-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item no.: 221-2521
Mounting carrier; 1-way; for inline splicing connector with lever; for screw mounting; gray



Item no.: 221-2531
Mounting carrier; 1-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item no.: 221-2522
Mounting carrier; 2-way; for inline splicing connector with lever; for screw mounting; gray



Item no.: 221-2532
Mounting carrier; 2-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item no.: 221-2523
Mounting carrier; 3-way; for inline splicing connector with lever; for screw mounting; gray



Item no.: 221-2533
Mounting carrier; 3-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item no.: 221-2524
Mounting carrier; 4-way; for inline splicing connector with lever; for screw mounting; gray



Item no.: 221-2534
Mounting carrier; 4-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item no.: 221-2525
Mounting carrier; 5-way; for inline splicing connector with lever; for screw mounting; gray



Item no.: 221-2535
Mounting carrier; 5-way; for inline splicing connector with lever; with snap-in mounting foot; gray

1.1.1.1 Mounting accessories



Item no.: 209-123

Mounting foot with screw; can be screwed on terminal blocks with fixing flange; 6.4 mm wide; gray

Item no.: 209-120

Mounting foot; can be snapped on terminal blocks with snap-in mounting foot; for mounting on relay-modules; 6.4 mm wide; gray

Installation notes

Conductor termination



Push up the lever to open the clamping unit and insert the conductor.



Push the lever back down.

Installation

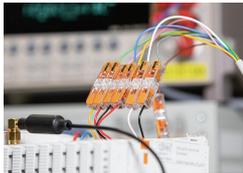


Place the inline splicing connector on the carrier in front of the mounting position.

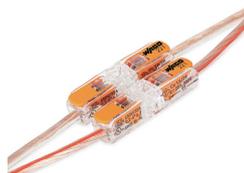


Push the connector to the center position until it snaps into place.

Application



Perfect for test setups



Simple extension of lines

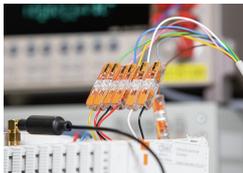


Lighting connection in suspended ceilings

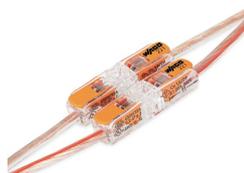


Multi-pole, fixed lighting fixture wiring

Application



Perfect for test setups



Simple extension of lines



Lighting connection in suspended ceilings



Multi-pole, fixed lighting fixture wiring