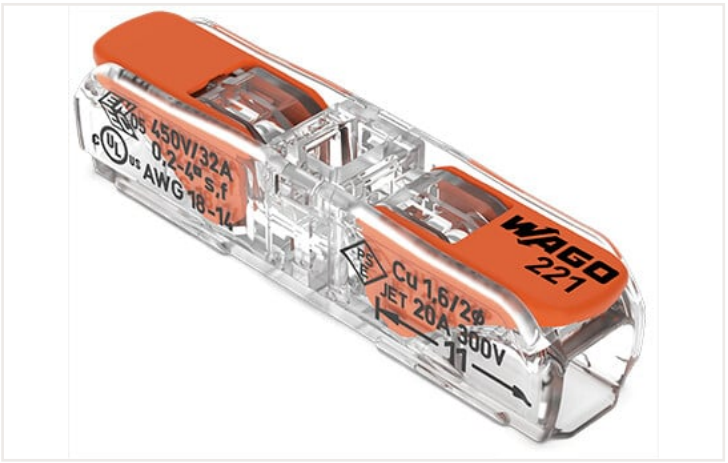
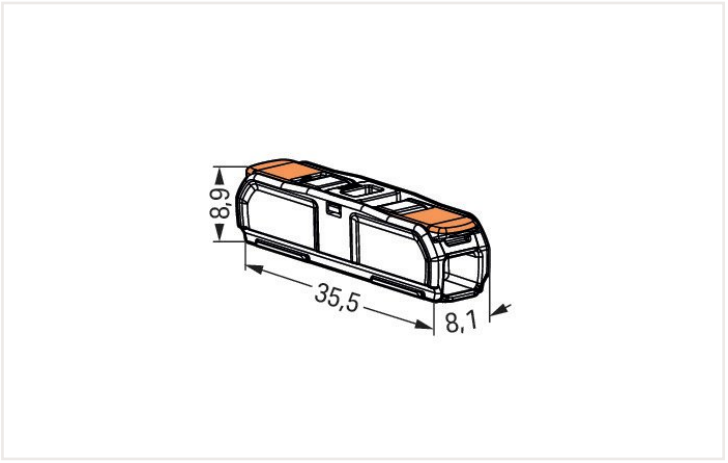
# Data sheet | Item number: 221-2411

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




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) ≙ 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 mm² / 20 … 14 AWG |
| Stranded conductor | 0.2 … 2.5 mm² / 18 … 14 AWG |
| Fine-stranded conductor | 0.2 … 4 mm² / 18 … 14 AWG |
| Strip length | 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 |
| Flammability class per UL94 | V2 |
| Fire load | 0 MJ |
| Actuator color | orange |
| Weight of insulation material | 0.84 g |
| Weight | 2.4 g |

## 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

### Country specific Approvals

| Approval | Standard | Certificate name |
|---|---|---|
| CCA<br>DEKRA Certification B.V. | EN 60998 | NTR NL-7827 |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60998 | 71-113253 REV. 1 |

### UL-Approvals

| Approval | Standard | Certificate name |
|---|---|---|
| UL<br>Underwriters Laboratories Inc. | UL 486C | E69654 |

## 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

## Installation notes

### Conductor termination



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

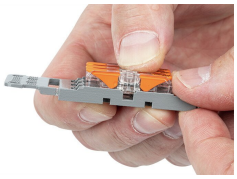


Push the lever back down.

### Installation

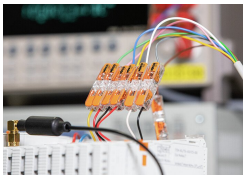


Place the inline splicing connector on the carrier in front of the mounting position.

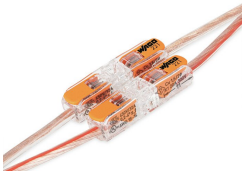


Push the connector to the center position until it snaps into place.

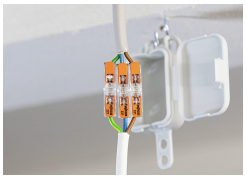
### Application



Perfect for test setups



Simple extension of lines

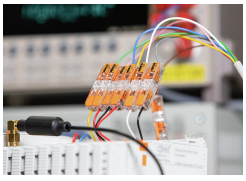


Lighting connection in suspended ceilings

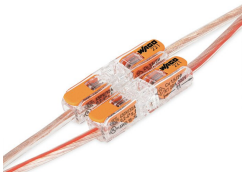


Multi-pole, fixed lighting fixture wiring

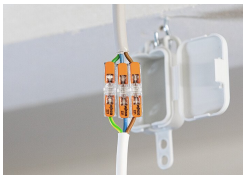
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