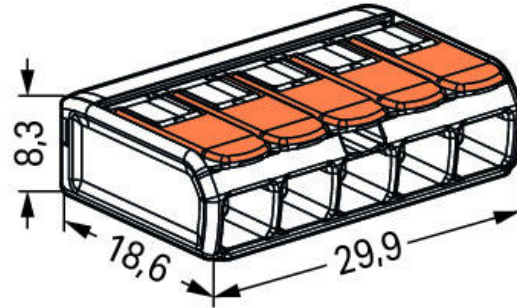


## Data sheet | Item number: 221-415

COMPACT Splicing Connector; for all conductor types; max. 4 mm<sup>2</sup>; 5-conductor; with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 4,00 mm<sup>2</sup>; transparent

[www.wago.com/221-415](http://www.wago.com/221-415)



RoHS   
Compliant

[BOMcheck.net](https://www.bomcheck.net)



### Item description

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 0.14 to 4 mm<sup>2</sup>
- Connect solid, stranded and fine-stranded conductors
- Time savings for installers and device manufacturers
- Quickly install devices with higher levels of power consumption

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



- Safely install long cable runs with larger conductor cross sections
- Mounting carrier for installation conforms to standards
- Custom carriers are possible

**Safety information 1:**  
in grounded power lines

## Data

### Electrical data

#### Ratings per IEC/EN 60664-1

|                            |  |
|----------------------------|--|
| 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 1059

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

### Connection data

|                                   |  |
|-----------------------------------|--|
| Connection technology             | CAGE CLAMP®                                |
| Actuation type                    | Lever                                      |
| Connectable conductor materials   | Copper                                     |
| Nominal cross-section             | 4 mm <sup>2</sup>                          |
| Solid conductor                   | 0.2 ... 4 mm <sup>2</sup> / 24 ... 12 AWG  |
| Stranded conductor                | 0.2 ... 4 mm <sup>2</sup> / 24 ... 12 AWG  |
| Fine-stranded conductor           | 0.14 ... 4 mm <sup>2</sup> / 24 ... 12 AWG |
| Strip length                      | 11 mm / 0.43 inch                          |
| Total number of connection points | 5  |
| Total number of potentials        | 1  |
| Wiring type                       | Side-entry wiring                          |

Subject to changes. Please also observe the further product documentation!

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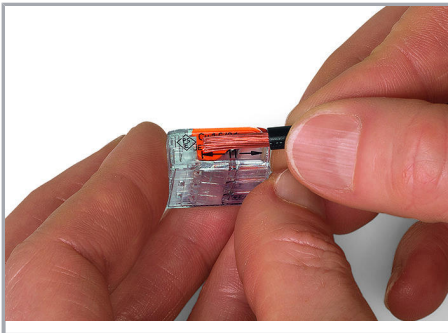
Do you have any questions about our products?  
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## Physical data

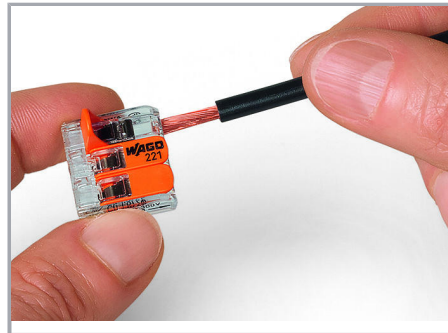
|        |                      |
|--------|----------------------|
| Width  | 29.9 mm / 1.177 inch |
| Height | 8.3 mm / 0.327 inch  |
| Depth  | 18.6 mm / 0.732 inch |

## Installation Notes

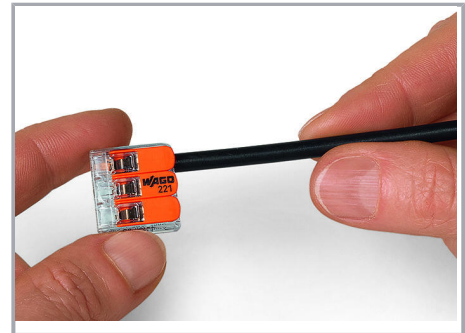
### Conductor termination



Strip conductor to 11 mm (0.43 inch).

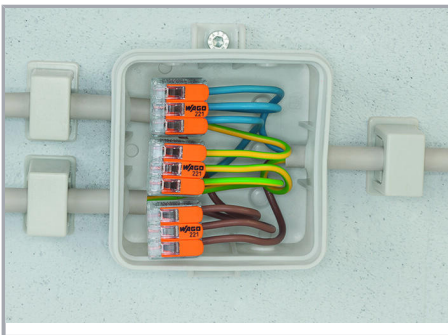


Termination: Lift the lever to open the clamping unit and insert a stripped conductor.

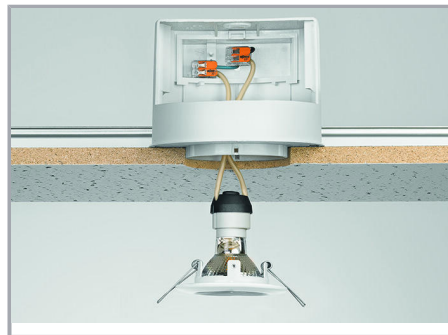


Then, lower the lever to close the clamp.

### Application



Wiring fine-stranded conductors in a junction box.



Custom low-voltage lighting system

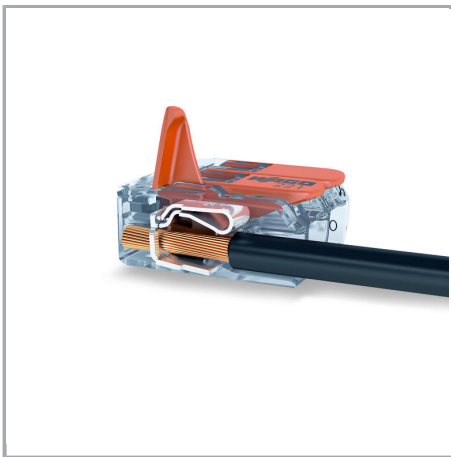


Lighting distribution in ceiling canopy

Subject to changes. Please also observe the further product documentation!



Pendant light connection in suspended ceilings



COMPACT Splicing Connectors for All Conductor Types, 4 mm<sup>2</sup> (12 AWG), 221 Series

Subject to changes. Please also observe the further product documentation!



**Compact, lever-operated splicing connectors:**

Tool-free connection of up to five stripped, fine-stranded conductors from 0.14 ... 4 mm<sup>2</sup>, as well as solid or stranded conductors from 0.2 ... 4 mm<sup>2</sup> (24 ... 12 AWG).

**How these work:**

Pull up one of the orange operating levers to open the clamping unit. Then insert the conductor and push the lever back down, flush with the connector housing.

**Safety:**

The specially designed rest position of the lever reliably prevents accidental unclamping of a connected conductor.

Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

Subject to changes. Please also observe the further product documentation!