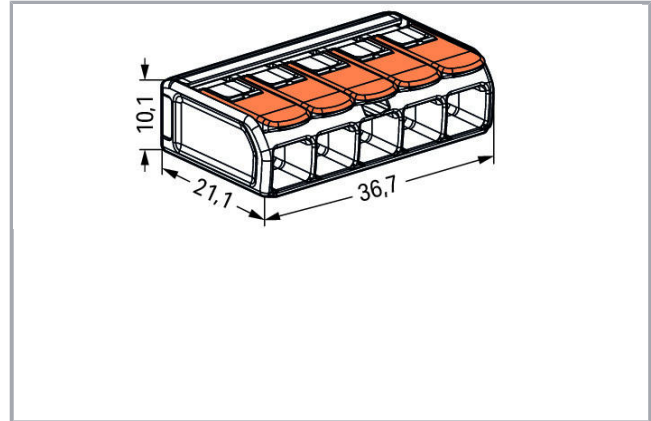
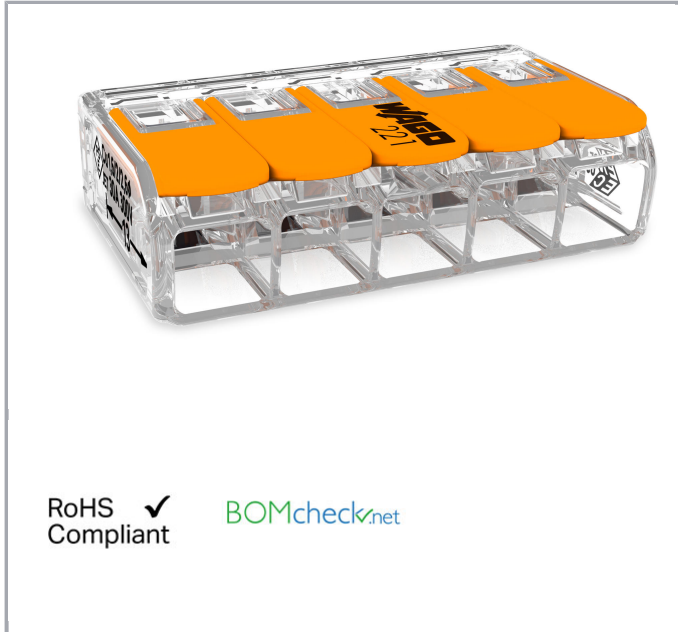


## Data sheet | Item number: 221-615

COMPACT Splicing Connector; for all conductor types; max. 6 mm<sup>2</sup>; 5-conductor; with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 6,00 mm<sup>2</sup>; transparent

[www.wago.com/221-615](http://www.wago.com/221-615)



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 0.5 to 6 mm<sup>2</sup>

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

WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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



- Connection of all conductor types
- Time savings for installers and device manufacturers
- Quickly install devices with higher levels of power consumption
- 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
Rated voltage (II / 2)	450 V
Rated impulse voltage (II / 2)	4 kV
Rated current	41 A
Legend (ratings)	(II / 2) △ Overvoltage category II / Pollution degree 2

#### Approvals per UL 1059

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

### Connection data

Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross section	6 mm²
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 inch
Total number of connection points	5
Total number of potentials	1

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Type of wiring	Side-entry wiring
----------------	-------------------

## Geometrical Data

Width	36,7 mm / 1.445 inch
Height	10,1 mm / 0.398 inch
Depth	21,1 mm / 0.831 inch

## Material Data

Color	transparent
Flammability class per UL94	V2
Weight	7.1 g

## Environmental Requirements


Surrounding air (operating) temperature	85 °C
Continuous operating temperature	105 °C
T-Marking per EN 60998	T85

## Commercial data


Packaging type	BOX
Country of origin	CH
GTIN	4055143715478
Customs Tariff No.	85369010000

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	KEMA/KEUR DEKRA Certification B.V.	EN 60998	71- 105677



### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60998	18- HG1755093- PDA



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	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
	<b>LR</b> Lloyds Register	EN 60998	04/20013 (E8)


#### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>UL</b> Underwriters Laboratories Inc.	UL 467	E201573
	<b>UL</b> Underwriters Laboratories Inc.	UL 486C	E69654

#### Counterpart

#### Compatible products

##### Mounting adapter

	<b>Item no.: 221-510</b> Mounting carrier; 221 Series - 6 mm <sup>2</sup> ; for DIN-35 rail mounting/screw mounting; orange	<a href="http://www.wago.com/221-510">www.wago.com/221-510</a>
	<b>Item no.: 221-510/000-006</b> Mounting carrier; 221 Series - 6 mm <sup>2</sup> ; for DIN-35 rail mounting/screw mounting; blue	<a href="http://www.wago.com/221-510/000-006">www.wago.com/221-510/000-006</a>
	<b>Item no.: 221-510/000-053</b> Mounting carrier; 221 Series - 6 mm <sup>2</sup> ; for DIN-35 rail mounting/screw mounting; dark gray-yellow	<a href="http://www.wago.com/221-510/000-053">www.wago.com/221-510/000-053</a>

#### Downloads

##### Documentation

##### Additional Information

Technical explanations	Apr 3, 2019	pdf	Download
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Subject to changes. Please also observe the further product documentation!

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## CAD/CAE-Data

### CAD data

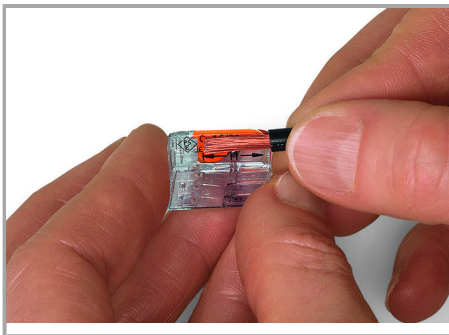
2D/3D Models 221-615

[URL](#)

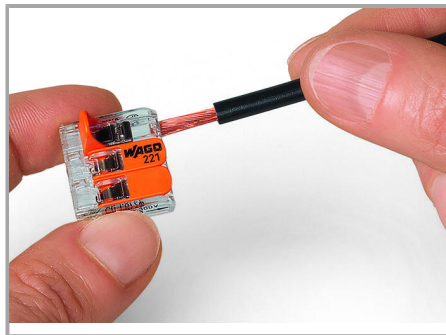
[Download](#)

## Installation Notes

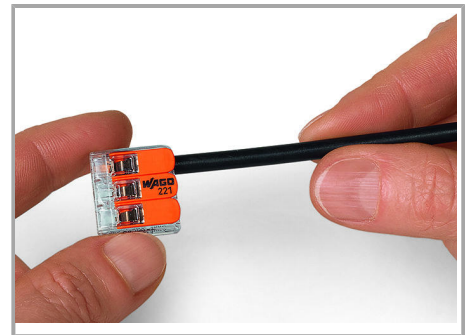
### Conductor termination



Strip conductor to 11 mm (0.43 inch).

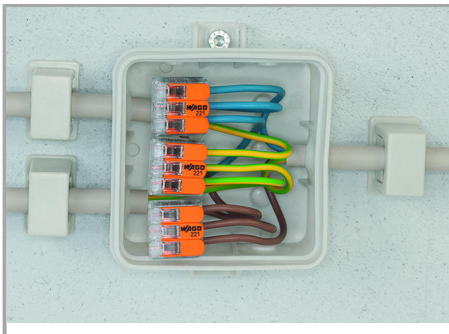


Termination: Lift the lever to open the clamping unit and insert a stripped conductor.

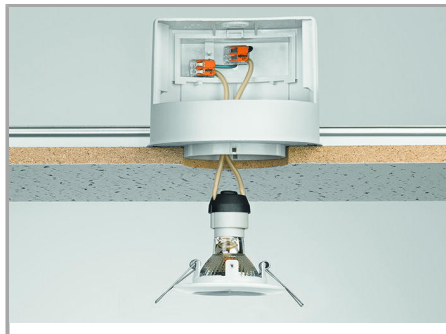


Then, lower the lever to close the clamp.

### Application



Wiring fine-stranded conductors in a junction box.



Custom low-voltage lighting system

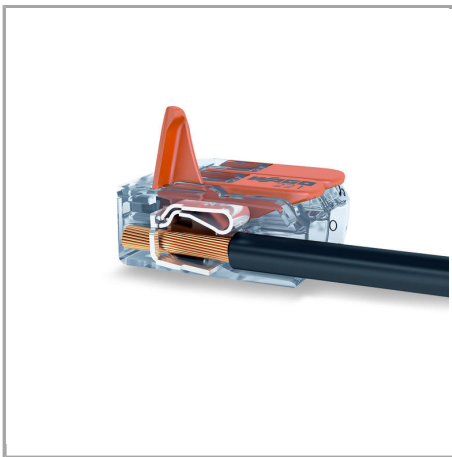


Lighting distribution in ceiling canopy

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!