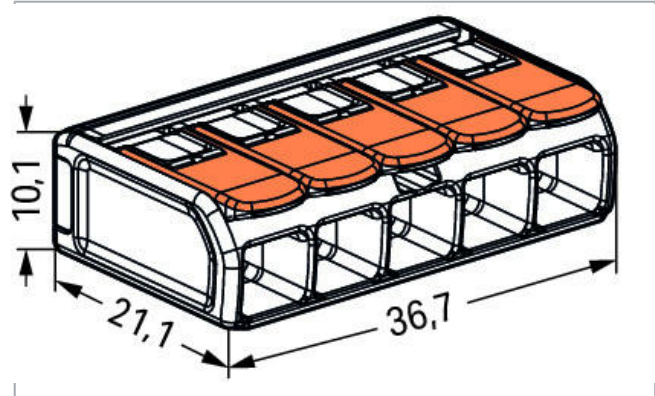
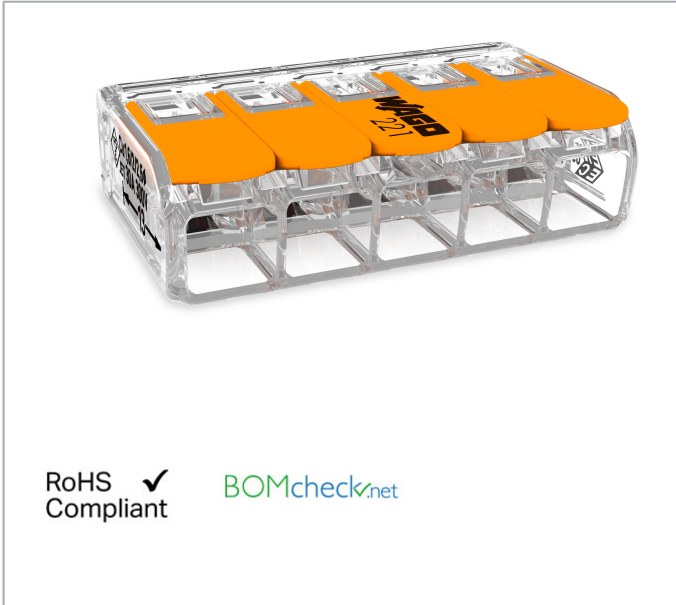


Data sheet | Item number: 221-615

COMPACT splicing connector; 5-conductor; with operating levers; 10 AWG;
transparent housing



www.wago.com/221-615



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 mm²
- Connection of all conductor types
- Time savings for installers and device manufacturers
- Quickly install devices with higher levels of power consumption

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
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Do you have any questions about our products?
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- 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	41 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)	30 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	6 mm ²
Solid conductor	0.5 ... 6 mm ² / 20 ... 10 AWG
Stranded conductor	0.5 ... 6 mm ² / 20 ... 10 AWG
Fine-stranded conductor	0.5 ... 6 mm ² / 20 ... 10 AWG
Strip length	12 ... 14 mm / 0.47 ... 0.55 inch
Total number of connection points	5
Total number of potentials	1
Wiring type	Side-entry wiring

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Physical 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
Color of actuator	orange
Weight	7.1 g

Environmental requirements


Surrounding air temperature (operation)	85 °C
Continuous operating temperature	105 °C
Temperature marking per EN 60998	T85

Commercial data

Packaging type	BOX
Country of origin	CH
GTIN	4055143715478
Customs tariff number	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

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





DNV GL Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
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LR Lloyds Register	EN 60998	04/20013 (E8)
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UL-Approvals


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

Compatible products

Jumper

	Item no.: 221-941 Jumper; with locking function; dark gray	www.wago.com/221-941
	Item no.: 221-941/000-006 Jumper; with locking function; blue	www.wago.com/221-941/000-006
	Item no.: 221-942 Jumper; without locking function; dark gray	www.wago.com/221-942
	Item no.: 221-942/000-006 Jumper; with locking function; blue	www.wago.com/221-942/000-006

Mounting adapter

	Item no.: 221-510 Mounting carrier; 221 series (20 - 10 AWG); for DIN-35 rail/panel mount; orange	www.wago.com/221-510
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Subject to changes. Please also observe the further product documentation!



Item no.: 221-510/000-006

Mounting carrier; 221 series (20 - 10 AWG); for DIN-35 rail/panel mount; blue

www.wago.com/221-510/000-006



Item no.: 221-510/000-053

Mounting carrier; 221 series (20 - 10 AWG); for DIN-35 rail/panel mount; dark gray/yellow

www.wago.com/221-510/000-053

Downloads

Documentation

Bid Text

221-615 X81 - Datei	Feb 19, 2019	xml 3.6 kB	Download
221-615 docx - Datei	Jan 23, 2019	docx 15.8 kB	Download

CAD files

CAD data

2D/3D Models 221-615	URL	Download
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CAE data

ZUKEN Portal 221-615	URL	Download
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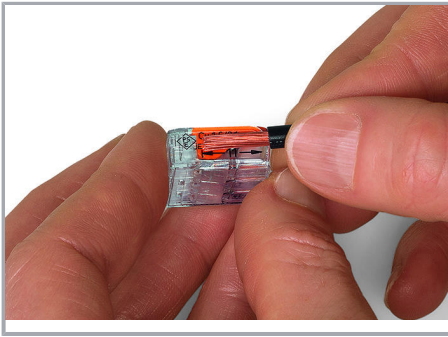
Installation Notes

Conductor termination

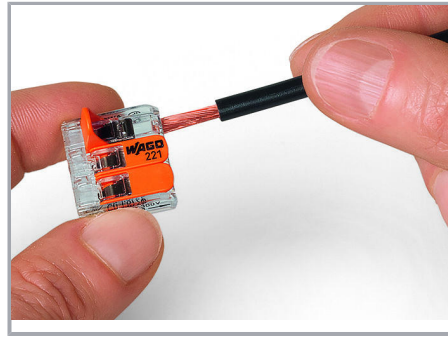
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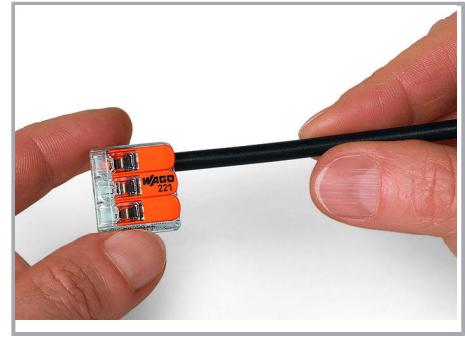
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Strip conductor to 11 mm (0.43 inch).

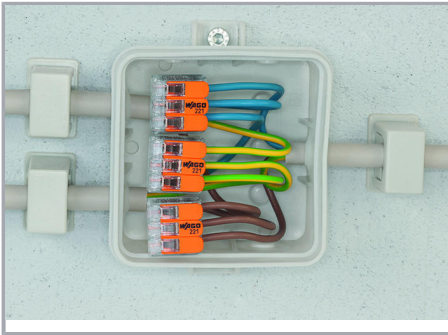


Termination: Lift the lever to open the clamping unit and insert a stripped conductor.

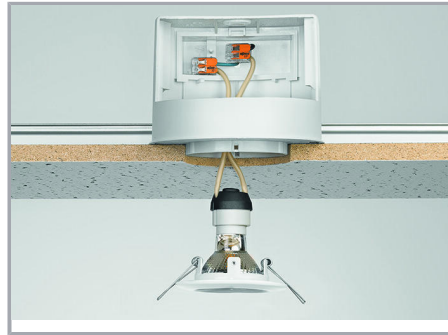


Then, lower the lever to close the clamp.

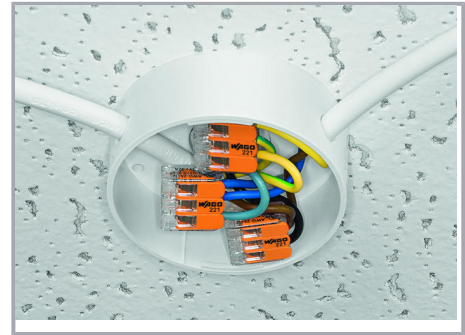
Application



Wiring fine-stranded conductors in a junction box.



Custom low-voltage lighting system



Lighting distribution in ceiling canopy

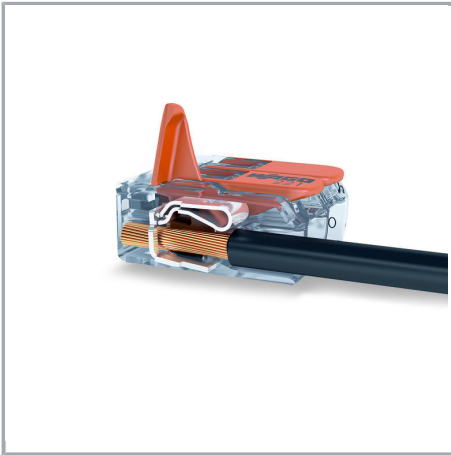


Pendant light connection in suspended ceilings

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

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COMPACT Splicing Connectors for All
Conductor Types, 4 mm² (12 AWG), 221
Series

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