##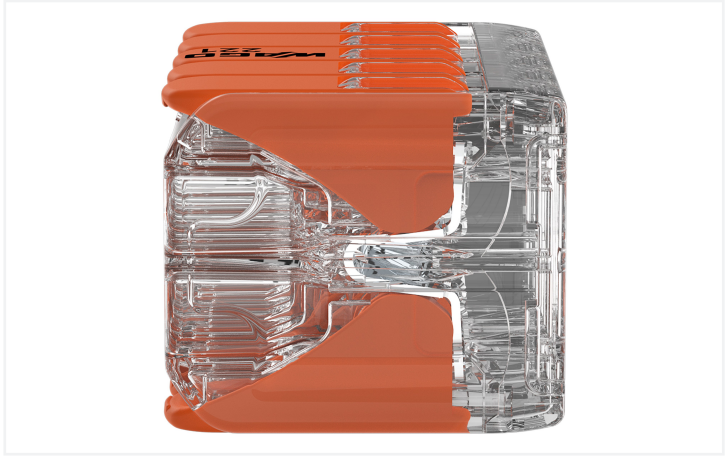 Splicing connector with levers; for all conductor types; max. 4 mm²; 10-conductor; transparent housing; Surrounding air temperature: max 85℃ (T85); 4,00 mm²; transparent

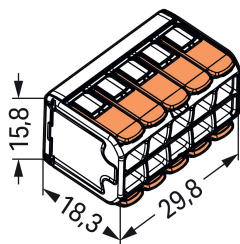https://www.wago.com/221-420

Color: ☐ transparent

Dimensions in mm

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 mm²
- Connect solid, stranded and fine-stranded conductors
- Save time for installers and device manufacturers
- Quickly install devices with higher power consumption
- Safely install long cable runs with larger conductor cross sections
- Mounting carrier for installation conforms to standards
- Custom carriers are possible

Notes

Safety management note	**NOTICE: Observe installation and safety instructions!** • **Only to be used by electricians!** • Do not work under voltage/load! • Use only for proper use! • Observe national regulations/standards/guidelines! • Observe technical specifications for the products! • Observe the number of permissible potentials! • Do not use damaged/dirty components! • Observe conductor types, cross-sections and strip lengths! • Insert conductor until it hits the product's backstop! • Use original accessories! **To be sold only with installation instructions!**
Safety Information	in grounded power lines

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

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

Connection data

Clamping units	10
Total number of potentials	1

Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	4 mm² / 12 AWG
Solid conductor	0.2 … 4 mm² / 24 … 12 AWG
Stranded conductor	0.2 … 4 mm² / 24 … 12 AWG
Fine-stranded conductor	0.14 … 4 mm² / 24 … 12 AWG
Strip length	11 mm / 0.43 inches
Wiring direction	Side-entry wiring

Physical data

Width	29.8 mm / 1.173 inches
Height	15.8 mm / 0.622 inches
Depth	18.3 mm / 0.72 inches

Material data

Note (material data)	Information on material specifications can be found here
Color	transparent
Cover color	transparent
Material group	IIIa
Insulation material (main housing)	Polycarbonate (PC)
Flammability class per UL94	V2
Fire load	0.132 MJ
Actuator color	orange
Weight	7 g

Environmental requirements

Ambient temperature (operation)	+85 °C
Temperature marking per EN 60998	T85

Commercial data

PU (SPU)	150 (15) pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966611663
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 221-420   ↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Mounting adapter

1.1.1.1 Mounting accessories

Item No.: 221-539/000-006
Mounting carrier with strain relief; for 10-wire connectors; 221 Series - 4 mm²; for DIN-15 rail; blue
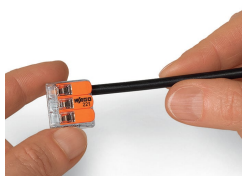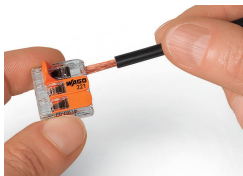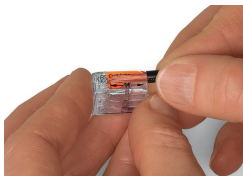
Item No.: 221-539/000-053
Mounting carrier with strain relief; for 10-wire connectors; 221 Series - 4 mm²; for DIN-15 rail; dark gray-yellow

Item No.: 221-549/000-006
Mounting carrier with strain relief; for 10-wire connectors; 221 Series - 4 mm²; for DIN-35 rail; blue

Item No.: 221-549/000-053
Mounting carrier with strain relief; for 10-wire connectors; 221 Series - 4 mm²; for DIN-35 rail; dark gray-yellow

Item No.: 221-519/000-006
Mounting carrier with strain relief; for 10-wire connectors; 221 Series - 4 mm²; for side screw mounting; blue

Item No.: 221-519/000-053
Mounting carrier with strain relief; for 10-wire connectors; 221 Series - 4 mm²; for side screw mounting; dark gray-yellow

Item No.: 221-529/000-006
Mounting carrier with strain relief; for 10-wire connectors; 221 Series - 4 mm²; with snap-in mounting foot; blue

Item No.: 221-529/000-053
Mounting carrier with strain relief; for 10-wire connectors; 221 Series - 4 mm²; with snap-in mounting foot; dark gray-yellow

Item No.: 221-539/002-006
Mounting carrier; for 10-wire connectors; 221 Series - 4 mm²; for DIN-15 rail; blue

Item No.: 221-539/002-053
Mounting carrier; for 10-wire connectors; 221 Series - 4 mm²; for DIN-15 rail; dark gray-yellow

Item No.: 221-549/002-006
Mounting carrier; for 10-wire connectors; 221 Series - 4 mm²; for DIN-35 rail; blue

Item No.: 221-549/002-053
Mounting carrier; for 10-wire connectors; 221 Series - 4 mm²; for DIN-35 rail; dark gray-yellow

Item No.: 221-509/002-006
Mounting carrier; for 10-wire connectors; 221 Series - 4 mm²; for screw mounting; blue

Item No.: 221-519/002-006
Mounting carrier; for 10-wire connectors; 221 Series - 4 mm²; for side screw mounting; blue

Item No.: 221-519/002-053
Mounting carrier; for 10-wire connectors; 221 Series - 4 mm²; for side screw mounting; dark gray-yellow

Item No.: 221-529/002-006
Mounting carrier; for 10-wire connectors; 221 Series - 4 mm²; with snap-in mounting foot; blue

Item No.: 221-529/002-053
Mounting carrier; for 10-wire connectors; 221 Series - 4 mm²; with snap-in mounting foot; dark gray-yellow

Installation Notes
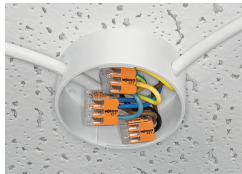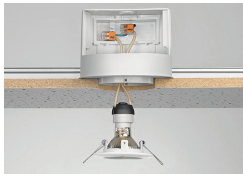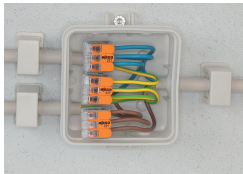
Conductor termination

Strip conductor to 11 mm (0.43 inch).

Pull up an orange lever to open the clamping unit.

Then insert the conductor and push the lever back down, flush with the connector housing.

Compact, lever-operated splicing connectors:
Tool-free connection of fine-stranded conductors from 0.14 ... 4 mm², as well as solid or stranded conductors from 0.2 ... 4 mm² (24 ... 12 AWG).
Safety:
The lever's specially designed rest position 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.

Application

Wiring fine-stranded conductors in junction boxes.

Custom low-voltage lighting system

Lighting distribution in a ceiling canopy

Pendant light connection in a suspended ceiling

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

Current addresses can be found at:: www.wago.com