

Data Sheet | Item Number: 221-420/995-005

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



<https://www.wago.com/221-420/995-005>

Your benefits:

- Ease of use – pull the lever up, insert a conductor and push the lever back down
- Available as 2-, 3-, 5- and 10-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

General safety information

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	EN 60664			Approvals per	UL 486C		
Overtoltage category	III	III	II	Use group	B	C	D
Pollution degree	3	2	2	Rated voltage	-	600 V	-
Nominal voltage	-	-	450 V	Rated current	-	20 A	-
Rated impulse withstand voltage	-	-	4 kV				
Rated current	-	-	32 A				

General information

Wiring direction Side-entry wiring

Connection Data

Clamping units	10	Connection 1	
Total number of potentials	1	Connection technology	CAGE CLAMP®
		Actuation type	Lever
		Connectable conductor materials	Copper
		Nominal cross-section	4 mm ² / 12 AWG
		Solid conductor	0.2 ... 4 mm ² / 24 ... 12 AWG
		Stranded conductor	0.2 ... 4 mm ² / 24 ... 12 AWG

Connection 1

Fine-stranded conductor	0.14 ... 4 mm ² / 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)	60 (5) pcs
Packaging type	Blister foil
Country of origin	DE
GTIN	4066966629224
Customs tariff number	85369010000

Product Classification

UNSPSC	39121409
ETIM 9.0	EC000446
ETIM 10.0	EC000446
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
cULus_Listed_667F Underwriters Laboratories Inc.	UL 486C	E69654

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



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[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



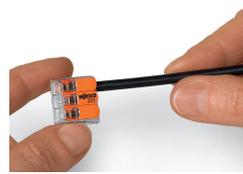
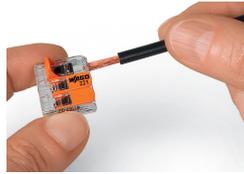
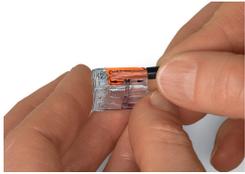
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Installation Notes

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:

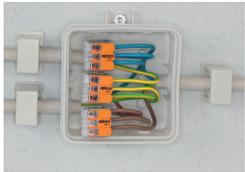
Tool-free connection of fine-stranded conductors from 0.14 ... 4 mm², as well as solid or stranded conductors from 0.2 ... 4 mm² (24 ... 12 AWG).

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