

## Data Sheet | Item Number: 221-612/995-010

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



<https://www.wago.com/221-612/995-010>



Color:  transparent

### Ihre Vorteile:

- Einfache Handhabung: Hebel auf, Leiter rein, Hebel zu
- Als 2-, 3- und 5-Leiter-Klemmen erhältlich
- Komfortabler Leiteranschluss von 0,5 bis 6 mm<sup>2</sup>
- Installation aller Leiterarten
- Zeitersparnis für Installateure und Gerätehersteller
- Schnelle Installation von Geräten mit höherem Leistungsbedarf
- Sichere Verlegung langer Leitungen mit größeren Leiterquerschnitten
- Befestigungsadapter für normgerechte Installation
- Individuelle Fixierungen möglich

### This item includes:



Item No.: 221-612

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

### Notes

Sicherheitshandhabungshinweis

**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	41 A
Legend (ratings)	(II / 2) $\triangleq$ 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)	30 A

## Connection data

Connection points	2
Total number of potentials	1

### Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	6 mm <sup>2</sup> / 10 AWG
Solid conductor	0.5 ... 6 mm <sup>2</sup> / 20 ... 10 AWG
Stranded conductor	0.5 ... 6 mm <sup>2</sup> / 20 ... 10 AWG
Fine-stranded conductor	0.5 ... 6 mm <sup>2</sup> / 20 ... 10 AWG
Strip length	12 ... 14 mm / 0.47 ... 0.55 inches
Wiring direction	Side-entry wiring

## Physical data

Width	16 mm / 0.63 inches
Height	10.1 mm / 0.398 inches
Depth	21.1 mm / 0.831 inches

## Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	transparent
Cover color	transparent
Insulation material	Polycarbonate (PC)
Flammability class per UL94	V2
Fire load	0.064 MJ
Actuator color	orange
Weight	3 g

## Environmental requirements

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

**Commercial data**

PU (SPU)	180 (10) pcs
Country of origin	DE
GTIN	4066966001921
Customs tariff number	85369010000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Downloads**

**Environmental Product Compliance**

Compliance Search	
Environmental Product Compliance 221-612/995-010	<a href="#">↓</a>

**1 Compatible Products**

**1.1 Optional Accessories**

**1.1.1 General accessories**

**1.1.1.1 Moisture protection**



**Item No.: 207-1431**  
Gelbox; Branch; for cables; with gel; 221 Series; max. 6 mm² connectors; without splicing connectors; Size 1; gray



**Item No.: 207-1432**  
Gelbox; Branch; for cables; with gel; 221 Series; max. 6 mm² connectors; without splicing connectors; Size 2; gray



**Item No.: 207-1433**  
Gelbox; Branch; for cables; with gel; 221 Series; max. 6 mm² connectors; without splicing connectors; Size 3; gray

**1.1.2 Jumper**

**1.1.2.1 Jumper**



**Item No.: 221-941/000-006**  
Jumper; for conductor entry; 2-way; insulated; blue



**Item No.: 221-942/000-006**  
Jumper; for conductor entry; 2-way; insulated; blue



**Item No.: 221-941**  
Jumper; for conductor entry; 2-way; insulated; dark gray



**Item No.: 221-942**  
Jumper; for conductor entry; 2-way; insulated; dark gray

**1.1.3 Mounting adapter**

**1.1.3.1 Mounting accessories**



**Item No.: 221-510/000-006**  
Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; blue



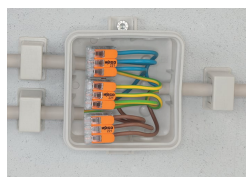
**Item No.: 221-510/000-053**  
Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; dark gray-yellow



**Item No.: 221-510**  
Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; orange

## Installation Notes

### 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