

## Data Sheet | Item Number: 221-422/995-016

Splicing connector with levers; for all conductor types; max. 4 mm<sup>2</sup>; 2-conductor; transparent housing; Surrounding air temperature: max 85°C (T85); 4,00 mm<sup>2</sup>; transparent



<https://www.wago.com/221-422/995-016>



Color:  transparent

### Ihre Vorteile:

- Kunststoffe teilweise Post-Consumer-Rezyklat (z.B. recycelte PET-Flaschen) und biobasierte Reststoffe aus Industrien und Haushalten
- Reduzierter Verbrauch fossiler Ressourcen
- Einfache Handhabung: Hebel auf, Leiter rein, Hebel zu
- Als 2-, 3- und 5-Leiter-Klemmen erhältlich
- Komfortabler Leiteranschluss von 0,14 bis 4 mm<sup>2</sup>
- Installation von ein-, fein- und mehrdrätiger Leiter
- 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:



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### 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!**

in grounded power lines

Safety information

## 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) $\triangleq$ 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)	20 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	4 mm <sup>2</sup> / 12 AWG
Solid conductor	0.2 ... 4 mm <sup>2</sup> / 24 ... 12 AWG
Stranded conductor	0.2 ... 4 mm <sup>2</sup> / 24 ... 12 AWG
Fine-stranded conductor	0.14 ... 4 mm <sup>2</sup> / 24 ... 12 AWG
Strip length	11 mm / 0.43 inches
Wiring direction	Side-entry wiring

## Physical data

Width	13.2 mm / 0.52 inches
Height	8.6 mm / 0.327 inches
Depth	18.8 mm / 0.732 inches

## Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	transparent
Insulation material	Polycarbonate (PC)
Flammability class per UL94	V2
Fire load	0.056 MJ
Actuator color	green
Weight	1.8 g

## Environmental requirements

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

**Commercial data**

PU (SPU)	288 (16) pcs
Country of origin	DE
GTIN	4066966354898
Customs tariff number	85369010000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**1 Compatible Products**

**1.1 Optional Accessories**

**1.1.1 General accessories**

**1.1.1.1 Empty housings**



**Item No.: 207-4301**  
 Junction box; Branch; for multicore cables; 221 Series; max. 4 mm<sup>2</sup> connectors; without splicing connectors; white

**1.1.1.2 Moisture protection**



**Item No.: 207-1331**  
 Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm<sup>2</sup> connectors; without splicing connectors; Size 1; gray



**Item No.: 207-1332**  
 Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm<sup>2</sup> connectors; without splicing connectors; Size 2; gray



**Item No.: 207-1333**  
 Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm<sup>2</sup> 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.: 221-500/000-006**  
 Mounting carrier; 221 Series - 4 mm<sup>2</sup>; for DIN-35 rail mounting/screw mounting; blue



**Item No.: 221-500/000-053**  
 Mounting carrier; 221 Series - 4 mm<sup>2</sup>; for DIN-35 rail mounting/screw mounting; dark gray-yellow



**Item No.: 221-500**  
 Mounting carrier; 221 Series - 4 mm<sup>2</sup>; for DIN-35 rail mounting/screw mounting; orange



**Item No.: 221-502/000-004**  
 Mounting carrier; for 2-conductor terminal blocks; 221 Series - 4 mm<sup>2</sup>; for screw mounting; black



**Item No.: 221-502**  
 Mounting carrier; for 2-conductor terminal blocks; 221 Series - 4 mm<sup>2</sup>; for screw mounting; white



**Item No.: 221-512/000-004**  
 Mounting carrier; for 2-conductor terminal blocks; 221 Series - 4 mm<sup>2</sup>; with snap-in mounting foot for horizontal mounting; black



**Item No.: 221-512**  
 Mounting carrier; for 2-conductor terminal blocks; 221 Series - 4 mm<sup>2</sup>; with snap-in mounting foot for horizontal mounting; white



**Item No.: 221-522/000-004**  
 Mounting carrier; for 2-conductor terminal blocks; 221 Series - 4 mm<sup>2</sup>; with snap-in mounting foot for vertical mounting; black

### 1.1.3.1 Mounting accessories



**Item No.:** [221-522](#)

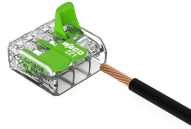
Mounting carrier; for 2-conductor terminal blocks; 221 Series - 4 mm<sup>2</sup>; with snap-in mounting foot for vertical mounting; white

## Installation Notes

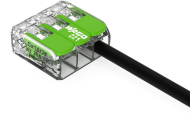
### Conductor termination



Strip conductor to 11 mm



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



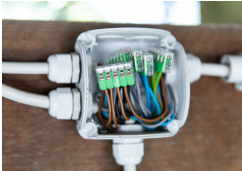
Then lower the lever to close the clamp

## Testing



Testing via test slots

## Application



Wiring in the distribution box