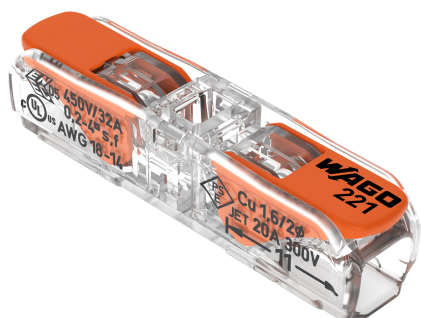


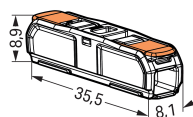
Data Sheet | Item Number: 221-2411

Inline splicing connector with levers; for all conductor types; max. 4 mm²; 2-conductor;
transparent housing; Transparent cover; Surrounding air temperature: max 85°C (T85);
4,00 mm²; transparent

<https://www.wago.com/221-2411>



Color: ☐ transparent



Inline splicing connector with levers, 221 Series, CAGE CLAMP®

Effortless electrical installations are guaranteed with inline splicing connector with levers (item number 221-2411). Whether for intercom system wiring or connecting electrical ovens, WAGO's 221 Series splicing connector allows you to quickly and securely connect different conductor types. Its compact design offers an efficient solution that simplifies your work. Conductors should only be connected to inline splicing connector with levers if their strip length is 11 mm. Rated current and voltage are important parameters when choosing a splicing connector, as they determine the product's suitability for different applications. This

product has a rated voltage of 450 V and a rated current of 32 A, making it suitable for high-load applications. This product features conductor terminals and utilizes CAGE CLAMP®. Our proven universal connection known as CAGE CLAMP® is industry-leading when it comes to connection technology and electrical interconnections. The dimensions are (8.1 x 8.9 x 35.5) mm (width x height x depth). Depending on the conductor type, inline splicing connector with levers is suitable for conductor cross sections ranging from 0.2 mm² to 4 mm².

CAGE CLAMP® – the industry standard for connection technology

WAGO's 221 Series Splicing Connector with levers impresses with its innovative design for different conductor cross-sections. That's why WAGO's lever-equipped splicing connector holds a unique trademark within electrical interconnection technology. The flat levers, which fit seamlessly into the 221's base, act like a cast when closed and can be positioned neatly in any housing without disturbing edges. Due to the wide design of each lever, they can all be operated perfectly without tools for convenient conductor terminations. The transparent housing displays robust technology and enables immediate visual inspection for the correct contact of solid, stranded and fine-stranded conductors. Resembling piano keys, the levers' design perfectly combines the functional and aesthetic connection technology "Made by WAGO."

- Compact sizes
- Actuation via lever
- Safe and fast installation

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!

Electrical data

Ratings per	EN 60664		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	450 V
Rated impulse withstand voltage	-	-	4 kV
Rated current	-	-	32 A

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

Connection Data

Clamping units	2
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Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	4 mm² / 14 AWG
Solid conductor	0.2 ... 4 mm² / 20 ... 14 AWG
Stranded conductor	0.2 ... 2.5 mm² / 18 ... 14 AWG
Fine-stranded conductor	0.2 ... 4 mm² / 18 ... 14 AWG
Strip length	11 mm / 0.43 inches



Physical data		
Width		8.1 mm / 0.319 inches
Height		8.9 mm / 0.35 inches
Depth		35.5 mm / 1.398 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		0.038 MJ
Actuator color		orange
Weight of insulation material		0.84 g
Weight		2.3 g

Environmental requirements		
Continuous operating temperature		-60 ... +105 °C