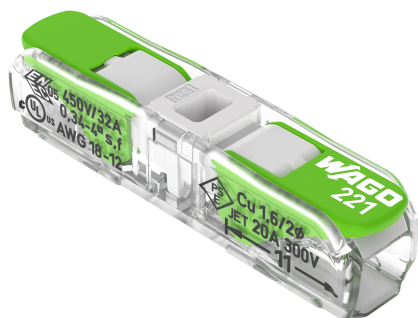


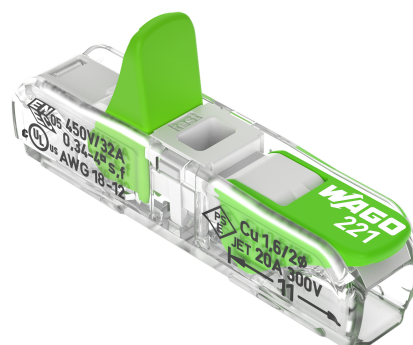
Data Sheet | Item Number: 221-2421

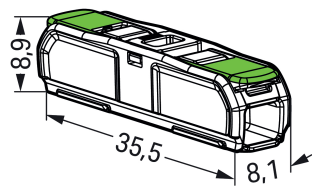
Inline splicing connector with levers; for all conductor types; max. 4 mm²; 2-conductor; transparent housing; white cover; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

<https://www.wago.com/221-2421>



Color: ☐ transparent





Dimensions in mm



- This connector is suitable for worldwide installations.
- Plastics made in part from post-consumer recycled material (e.g. recycled PET bottles) and bio-based residues from industries, households, agriculture and wastewater treatment
 - Reduced consumption of fossil resources
 - Inline connection of solid, stranded and fine-stranded conductors from 0.2 to 4 mm² (24–16 AWG)
 - Slim design saves space in tight areas
 - Tool-free connection and disconnection thanks to convenient lever technology
 - Use a mounting carrier for fixed and multi-pole wiring

Notes	
General safety instructions	<div><div>NOTICE: Observe installation and safety instructions!</div><div><ul style="list-style-type: none">• 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!</div><div>To be sold only with installation instructions!</div></div>



Electrical data

Ratings per EN 60664				Ratings per UL	
Overvoltage category	III	III	II	Rated voltage UL (Use Group C)	600 V
Pollution degree	3	2	2	Rated current UL (Use Group C)	20 A
Nominal voltage	-	-	450 V		
Rated surge voltage	-	-	4 kV		
Rated current	-	-	32 A		

Connection data

Clamping units	2
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 / 20 ... 12 AWG
Stranded conductor	0.2 ... 2.5 mm² / 18 ... 12 AWG
Fine-stranded conductor	0.34 ... 4 mm² / 18 ... 12 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	white
Material group	IIIa
Housing material	bio-circular PC
Insulation material (main housing)	Polycarbonate (PC)
Insulation material (actuator)	bio-circular PBT
Flammability class per UL94	V2
Fire load	0.068 MJ
Actuator color	green
Weight of insulation material	0.84 g
Weight	2.4 g

Environmental requirements

Continuous operating temperature	-60 ... +105 °C
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Commercial data	
PU (SPU)	600 (60) pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966632668
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

1 Compatible Products

1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 Moisture protection



Item No.: 207-1375
Gelbox; Durchgangsverbindung; für Aderleitungen; mit Gel; Serie 221, max. 4mm²-Klemmen; ohne Verbindungsklemmen; Größe 3; grau



Item No.: 207-1372
Gelbox; inline connection; for cables; with gel; 221 Series; max. 4 mm² connectors; without splicing connectors; Size 1; gray



Item No.: 207-1373
Gelbox; inline connection; for cables; with gel; 221 Series; max. 4 mm² connectors; without splicing connectors; Size 2; gray

1.1.2 Installation

1.1.2.1 Mounting accessories



Item No.: 221-2501
Mounting carrier with strain relief; 1-way; for inline splicing connector with lever; for screw mounting; gray



Item No.: 221-2511
Mounting carrier with strain relief; 1-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item No.: 221-2502
Mounting carrier with strain relief; 2-way; for inline splicing connector with lever; for screw mounting; gray



Item No.: 221-2512
Mounting carrier with strain relief; 2-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item No.: 221-2503
Mounting carrier with strain relief; 3-way; for inline splicing connector with lever; for screw mounting; gray



Item No.: 221-2513
Mounting carrier with strain relief; 3-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item No.: 221-2504
Mounting carrier with strain relief; 4-way; for inline splicing connector with lever; for screw mounting; gray



Item No.: 221-2514
Mounting carrier with strain relief; 4-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item No.: 221-2505
Mounting carrier with strain relief; 5-way; for inline splicing connector with lever; for screw mounting; gray



Item No.: 221-2515
Mounting carrier with strain relief; 5-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item No.: 221-2521
Mounting carrier; 1-way; for inline splicing connector with lever; for screw mounting; gray



Item No.: 221-2531
Mounting carrier; 1-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item No.: 221-2522
Mounting carrier; 2-way; for inline splicing connector with lever; for screw mounting; gray



Item No.: 221-2532
Mounting carrier; 2-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item No.: 221-2523
Mounting carrier; 3-way; for inline splicing connector with lever; for screw mounting; gray



Item No.: 221-2533
Mounting carrier; 3-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item No.: 221-2524
Mounting carrier; 4-way; for inline splicing connector with lever; for screw mounting; gray



Item No.: 221-2534
Mounting carrier; 4-way; for inline splicing connector with lever; with snap-in mounting foot; gray



Item No.: 221-2525
Mounting carrier; 5-way; for inline splicing connector with lever; for screw mounting; gray



Item No.: 221-2535
Mounting carrier; 5-way; for inline splicing connector with lever; with snap-in mounting foot; gray



1.1.2.1 Mounting accessories



Item No.: 209-123
Mounting foot with screw; can be screwed on terminal blocks with fixing flange; 6.4 mm wide; gray



Item No.: 209-1116
Mounting foot with screw; for DIN-15 rail; can be screwed on terminal blocks with fixing flange; 6.5 mm wide; gray



Item No.: 209-120
Mounting foot; can be snapped on terminal blocks with snap-in mounting foot; for mounting on relay-modules; 6.4 mm wide; gray



Item No.: 209-1115
Mounting foot; for DIN-15 rail; can be snapped on terminal blocks with snap-in mounting foot; 6.5 mm wide; gray

1.1.3 Marking

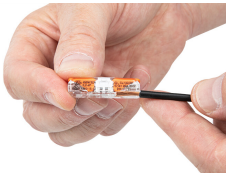
1.1.3.1 Marking strip



Item No.: 210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

Installation Notes

Conductor termination



Push up the lever to open the clamping unit and insert the conductor.



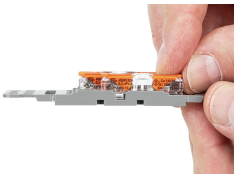
Push the lever back down.

Testing

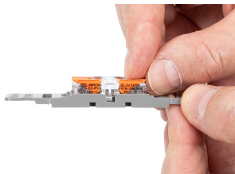


Testing via test slot.

Installation

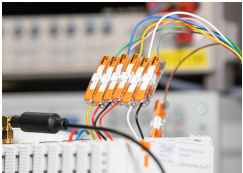


Place the inline splicing connector on the carrier in front of the mounting position.

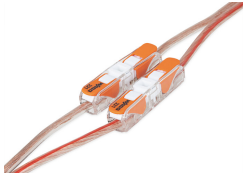


Push the connector to the center position until it snaps into place.

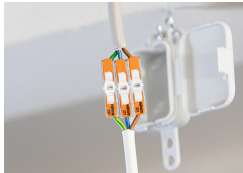
Application



Perfect for test setups



Simple extension of lines



Lighting connection in suspended ceilings



Multi-pole, fixed lighting fixture wiring