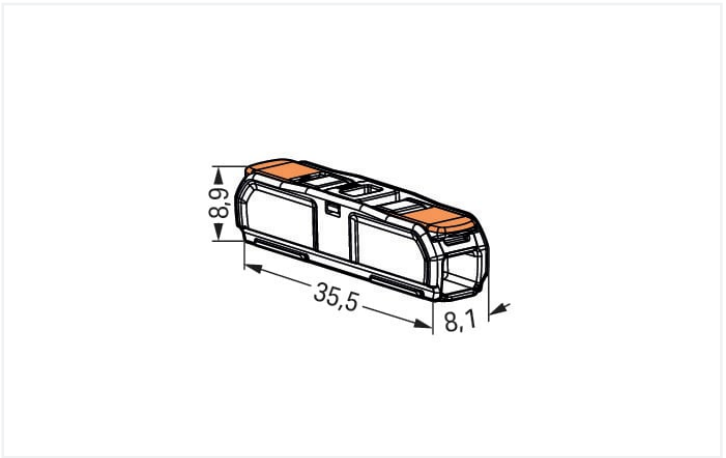
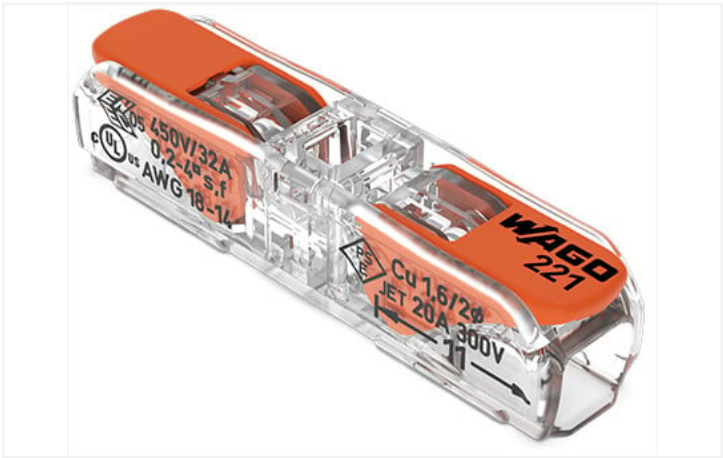


Data Sheet | Item Number: 221-2411

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

This connector is suitable for worldwide installations.

- 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

Safety management note

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 surge 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		
Connection points	2	
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 ... 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		Polycarbonate (PC)
Flammability class per UL94		V2
Fire load		0.057 MJ
Actuator color		orange
Weight of insulation material		0.84 g
Weight		2.3 g

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


Commercial data		
ETIM 8.0		EC000446
ETIM 7.0		EC000446
PU (SPU)		600 (60) pcs
Packaging type		Box
Country of origin		CH
GTIN		4066966102666
Customs tariff number		85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption


Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
<div></div>					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60998	NTR NL-7990	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
cULus_Listed_667F Underwriters Laboratories Inc.	UL 486C	UL-CA-L69654	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
ENEC 05 DEKRA Certification B.V.	EN 60998	71-127529			




Approvals for marine applications

		
Approval	Standard	Certificate Name
LR Lloyds Register	EN 60998	LR22207029TA

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 221-2411	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 221-2411 	EPLAN Data Portal 221-2411 
	ZUKEN Portal 221-2411 

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



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

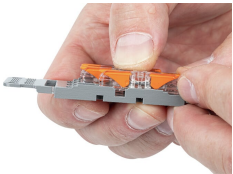


Push up the lever to open the clamping unit and insert the conductor.

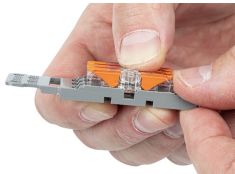


Push the lever back down.

Installation

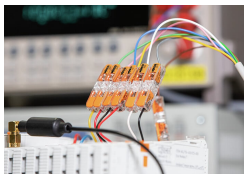


Place the inline splicing connector on the carrier in front of the mounting position.

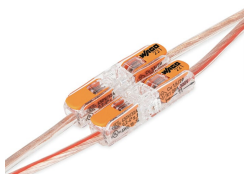


Push the connector to the center position until it snaps into place.

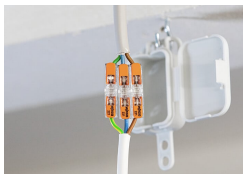
Application



Perfect for test setups



Simple extension of lines



Lighting connection in suspended ceilings



Multi-pole, fixed lighting fixture wiring