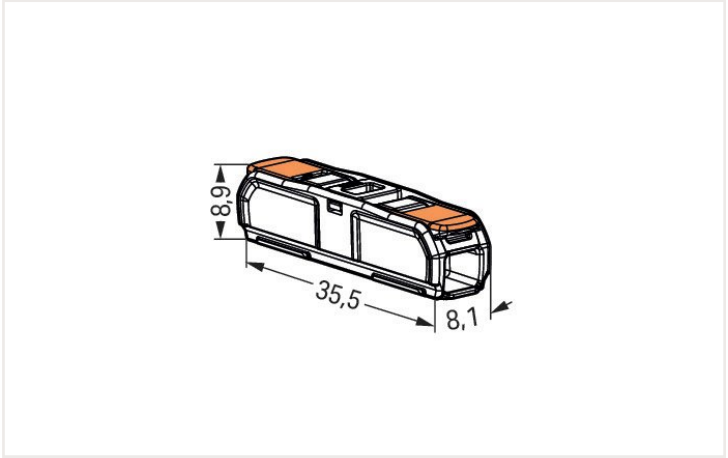
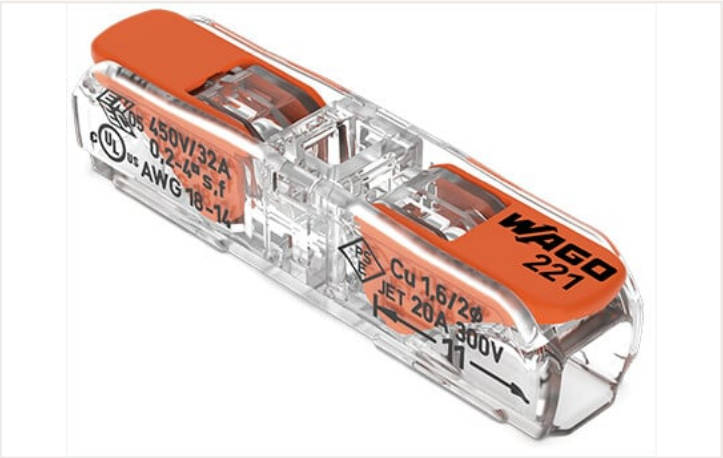


Data sheet | Item number: 221-2411

Inline splicing connector with lever; 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>



- This connector is suitable for worldwide installations.
- Connecting solid, stranded and fine-stranded conductors from 0.2 to 4mm² in the feedthrough direction
  - Slim design minimizes dimensions for installation in tight spaces
  - Tool-free connection and disconnection thanks to convenient lever technology
  - Choosing between fixed-position installation and multi-pole installation with an adapter

Electrical data			
Ratings per IEC/EN		Ratings per UL	
Ratings per	EN 60664	Rated voltage UL (Use Group C)	600 V
Nominal voltage (II/2)	450 V	Rated current UL (Use Group C)	20 A
Rated surge voltage (II/2)	4 kV		
Rated current	32 A		
Legend (ratings)	(II / 2) Δ Overvoltage category II / Pollution degree 2		

Connection data			
Total number of connection points		2	
Connection 1			
Connection technology		CAGE CLAMP®	
Actuation type		Lever	
Connectable conductor materials		Copper	
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	
Abisolierlänge		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)	<a href="#">Information on material data can be found here</a>
Color	transparent
Cover color	transparent
Material group	IIIa
Insulation material	Polycarbonate (PC)
Flammability class per UL94	V2
Fire load	0 MJ
Actuator color	orange
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

ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	600 (60) Pieces
Packaging type	Box
Country of origin VKOrg Germany	DE
GTIN	4066966102666
Customs tariff number VKOrg Germany	85369010000

## Approvals and certificates

## General approvals



Approval	Standard	Certificate name
CCA DEKRA Certification B.V.	EN 60998	NTR NL-7827
UL Underwriters Laboratories Inc.	UL 486C	E69654

## 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

## Documentation

## Additional Information

Technical Section

pdf  
2142.18 KB

## CAD/CAE-Data

## CAD data

2D/3D Models  
221-2411

## CAE data

ZUKEN Portal  
221-2411

## 1 Compatible products

## 1.1 Optional accessories

## 1.1.1 Installation

## 1.1.1.1 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 moun-  
ting 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 moun-  
ting 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 moun-  
ting 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 moun-  
ting 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 moun-  
ting foot; gray

1.1.1.1 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.: 209-120**  
Mounting foot; can be snapped on terminal blocks with snap-in mounting foot; for mounting on relay-modules; 6.4 mm wide; gray

Installation notes

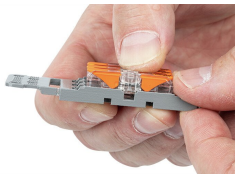
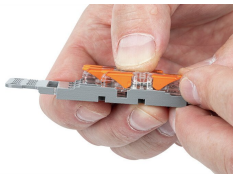
Conductor termination



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

Push the lever back down.

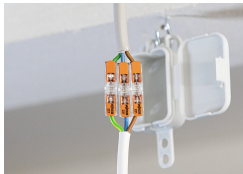
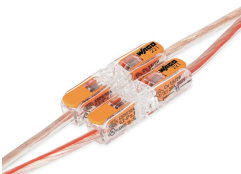
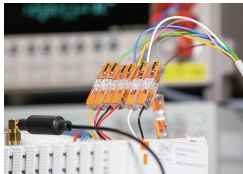
Installation



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



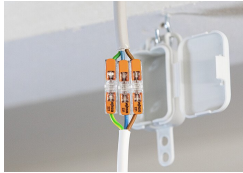
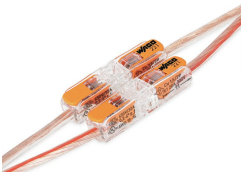
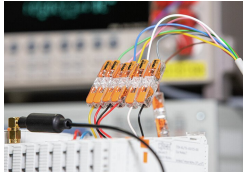
Perfect for test setups

Simple extension of lines

Lighting connection in suspended ceilings

Multi-pole, fixed lighting fixture wiring

Application



Perfect for test setups

Simple extension of lines

Lighting connection in suspended ceilings

Multi-pole, fixed lighting fixture wiring