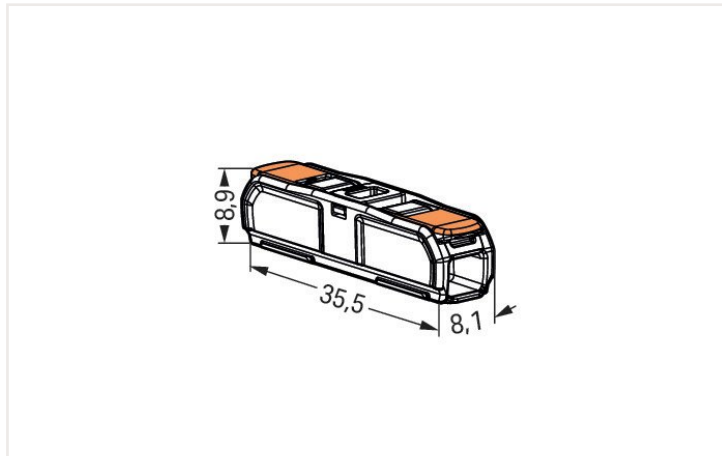
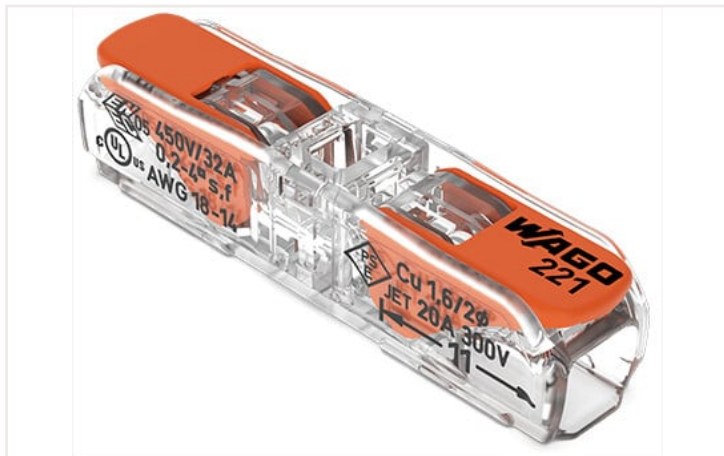


Data sheet | Item number: 221-2411

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	EN 60664
Nominal voltage (II/2)	450 V
Rated surge voltage (II/2)	4 kV
Rated current	32 A
Legend (ratings)	(II / 2) Δ Overvoltage category II / Pollution degree 2

Ratings per UL

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

Connection data

Total number of connection points	2
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Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Solid conductor	0.2 ... 4 mm ² / 20 ... 14 AWG
Stranded conductor	0.2 ... 2.5 mm ² / 18 ... 14 AWG
Fine-stranded conductor	0.2 ... 4 mm ² / 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 data can be found here
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 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

1.1.1.1 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.

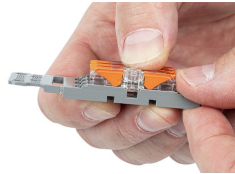


Push the lever back down.

Installation

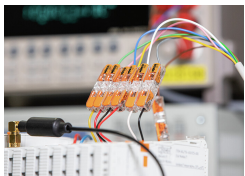


Place the inline splicing connector on the carrier in front of the mounting position.

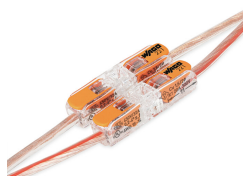


Push the connector to the center position until it snaps into place.

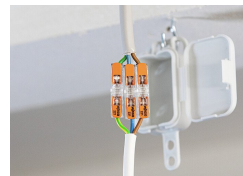
Application



Perfect for test setups



Simple extension of lines

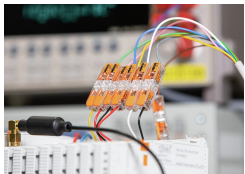


Lighting connection in suspended ceilings

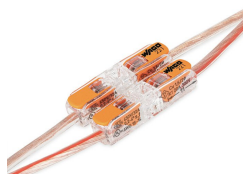


Multi-pole, fixed lighting fixture wiring

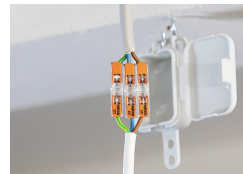
Application



Perfect for test setups



Simple extension of lines



Lighting connection in suspended ceilings



Multi-pole, fixed lighting fixture wiring