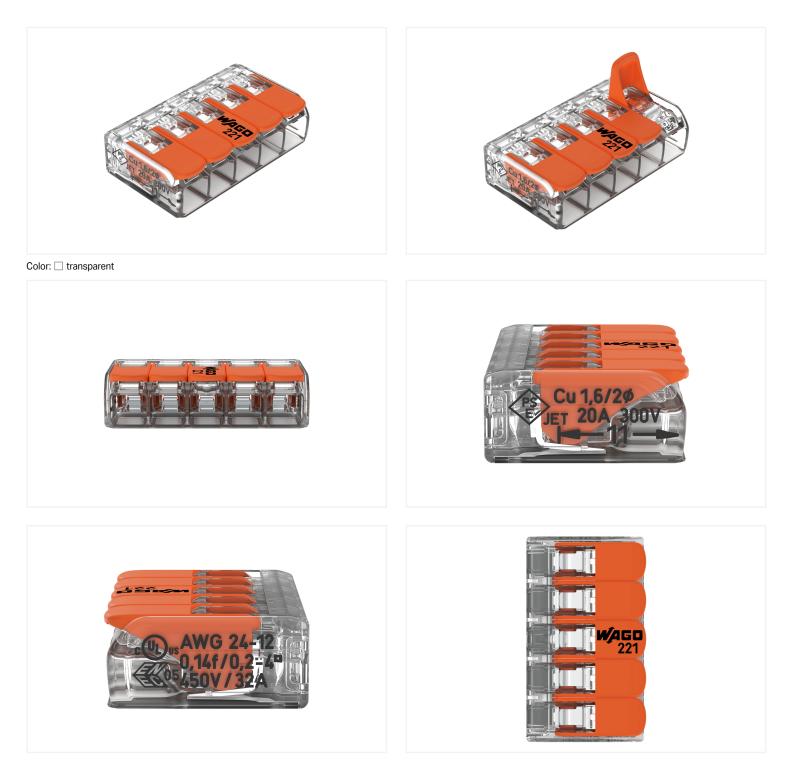
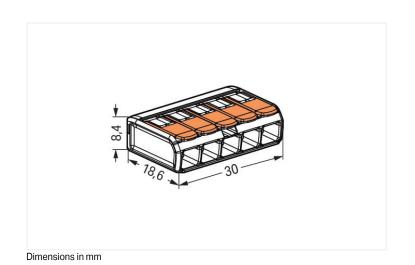
Splicing connector with levers; for all conductor types; max. 4 mm<sup>2</sup>; 5-conductor; with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 4,00 mm<sup>2</sup>; transparent



https://www.wago.com/221-415







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### Your benefits:

W/AGD

- · Ease of use pull the lever up, insert a conductor and push the lever back down
- Available as 2-, 3- and 5-wire connectors
- Easily terminate conductors from 0.14 to 4 mm<sup>2</sup>
- · Connect solid, stranded and fine-stranded conductors
- · Save time for installers and device manufacturers
- Quickly install devices with higher power consumption
- · Safely install long cable runs with larger conductor cross sections
- · Mounting carrier for installation conforms to standards
- · Custom carriers are possible

### 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!

in grounded power lines

Safety Information

https://www.wago.com/221-415



Electrical data			
Ratings per		EN 60664	
Overvoltage category	Ш	Ш	II
Pollution degree	3	2	2
Nominal voltage	-	-	450 V
Rated surge voltage	-	-	4 kV
Rated current	-	-	32 A

Approvals per		UL 486C	
Use group	В	С	D
Rated voltage	-	600 V	-
Rated current	-	20 A	-

0.2 ... 4 mm² / 24 ... 12 AWG

0.14 ... 4 mm² / 24 ... 12 AWG

11 mm / 0.43 inches

Side-entry wiring

ta			
s	5	Connection 1	
als	1	Connection technology	CAGE CLAMP®
		Actuation type	Lever
		Connectable conductor materials	s Copper
		Nominal cross-section	4 mm² / 12 AWG
		Solid conductor	0.2 4 mm² / 24 12 AWG

Stranded conductor Fine-stranded conductor

Strip length

Wiring direction

Physical data	
Width	30 mm / 1.181 inches
Height	8.4 mm / 0.331 inches
Depth	18.6 mm / 0.732 inches

Material data		
Note (material data)		
	Information on material specifications can be found here	
Color	transparent	
Material group	lla	
Insulation material (main housing)	Polycarbonate (PC)	
Flammability class per UL94	V2	
Fire load	0.089 MJ	
Actuator color	orange	
Weight	4 g	

Environmental requirements	
Ambient temperature (operation)	+85 ℃
Continuous operating temperature	105 ℃
Temperature marking per EN 60998	T85

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7 (Push Wire Conn.)
27-14-11-04
27-14-11-04
EC000446
EC000446
250 (25) pcs
Box
DE
4055143234658
85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

Approvais / Ger tilicat

General approvals		
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60998	NTR NL-7990
cULus_Listed_667F Underwriters Laboratories Inc.	UL 486C	E69654
ENEC 05 DEKRA Certification B.V.	EN 60669,EN 60998	71-127529
UL_Listed_64KA UL International Germany GmbH	UL 467	E201573

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

### Approvals for marine applications

	REAL PROPERTY AND A DESCRIPTION OF A DES	
Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	18-HG1755093-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	EN 60998	TAE000015T
LR Lloyds Register	EN 60998	LR22207029TA

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Downloads
Environmental Product Compliance
Compliance Search
Environmental Product Compliance 221-415

### Documentation

Bid Text			
221-415	19.02.2019	xml 3.43 KB	$\underline{\checkmark}$
221-415	23.01.2019	docx 15.31 KB	$\downarrow$
ausschreiben.de 221-415			$\underline{\checkmark}$

### CAD/CAE-Data

CAD data	
2D/3D Models 221-415	
	$\underline{\vee}$

CAE data	
EPLAN Data Portal 221-415	$\downarrow$
ZUKEN Portal 221-415	$\underline{\downarrow}$

1 Compatible Products		
1.1 Optional Accessories		
1.1.1 General accessories		
1.1.1.1 Empty housings		

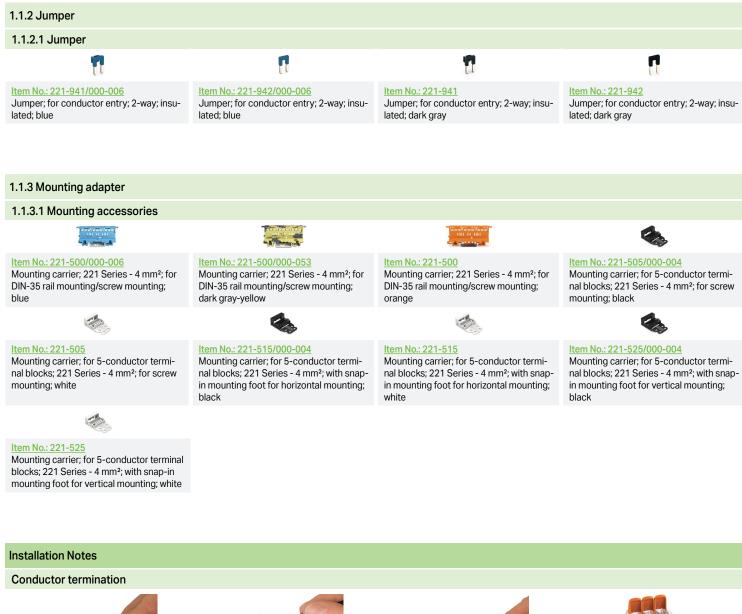
Item No.: 207-4301 Junction box; Branch; for multicore cables; 221 Series; max. 4 mm<sup>2</sup> connectors; without splicing connectors; white

1.1.1.2 Moisture protection

Item No.: 207-1332 Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm<sup>2</sup> connectors; without splicing connectors; Size 2; gray

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Strip conductor to 11 mm (0.43 inch).



Pull up an orange lever to open the clamping unit.



Then insert the conductor and push the lever back down, flush with the connector housing.



# Compact, lever-operated splicing connectors:

Tool-free connection of fine-stranded conductors from 0.14  $\ldots$  4 mm<sup>2</sup>, as well as solid or stranded conductors from 0.2  $\ldots$  4 mm<sup>2</sup> (24  $\ldots$  12 AWG).

### Safety:

The lever's specially designed rest position reliably prevents accidental unclamping of a connected conductor. Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

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### Application







Lighting distribution in a ceiling canopy



4 5 0

Pendant light connection in a suspended ceiling

Wiring fine-stranded conductors in junction boxes.

Custom low-voltage lighting system

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: <u>www.wago.com</u>