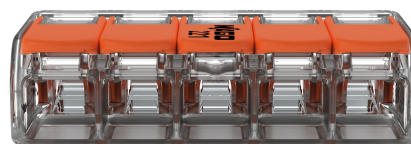
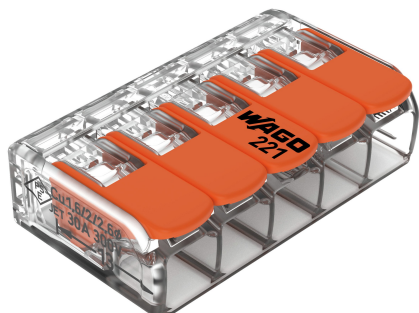


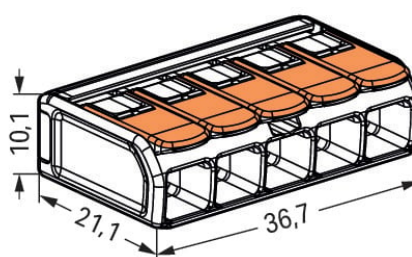
## Data Sheet | Item Number: 221-615

COMPACT Splicing Connector; for all conductor types; max. 6 mm<sup>2</sup>; 5-conductor; with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 6,00 mm<sup>2</sup>; transparent

<https://www.wago.com/221-615>



Color: ☐ transparent



Dimensions in mm

### Your benefits:

- 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 0.5 to 6 mm<sup>2</sup>
- Connection of all conductor types
- Time savings 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 information 1	in grounded power lines

Electrical data			
Ratings per IEC/EN		Ratings per UL 1059	
Ratings per	EN 60664	Approvals per	UL 486C
Nominal voltage (II/2)	450 V	Rated voltage UL (Use Group C)	600 V
Rated surge voltage (II/2)	4 kV	Rated current UL (Use Group C)	30 A
Rated current	41 A		
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2		

Connection data			
Connection points	5	Connection 1	
Total number of potentials	1	Connection technology	CAGE CLAMP®
		Actuation type	Lever
		Connectable conductor materials	Copper
		Fine-stranded conductor	0.5 ... 6 mm² / 20 ... 10 AWG
		Wiring direction	Side-entry wiring







Material Data	
Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	transparent
Cover color	transparent
Insulation material	Polycarbonate (PC)
Flammability class per UL94	V2
Fire load	0.103 MJ
Actuator color	orange
Weight	7.1 g

Environmental requirements	
Temperature marking per EN 60998	T85

Commercial data	
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	150 (15) pcs
Packaging type	Box
Country of origin	CH
GTIN	4055143715478
Customs tariff number	85369010000




Approvals / Certificates




General approvals			Approvals for marine applications		
  			  		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 60998	NL-81003	ABS American Bureau of Ship- ping	EN 60998	18-HG1755093-PDA
ENEC 05 DEKRA Certification B.V.	EN 60998	71-123784	DNV GL Det Norske Veritas, Ger- manischer Lloyd	EN 60998	TAE000015T
UL_Listed_64KA UL International Germany GmbH	UL 467	E201573	LR Lloyds Register	EN 60998	LR22207029TA
UL UL International Germany GmbH	UL 486C	E69654			

Downloads




Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 221-615	

Documentation

Bid Text			
221-615	19.02.2019	xml 3.48 KB	
221-615	23.01.2019	docx 15.40 KB	
ausschreiben.de 221-615			

CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 221-615		EPLAN Data Portal 221-615	
		ZUKEN Portal 221-615	

1 Compatible Products

1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 Moisture protection



**Item No.: 207-1432**  
Gelbox; Branch; for cables; with gel; 221 Series; max. 6 mm² connectors; without splicing connectors; Size 2; gray

1.1.2 Jumper

1.1.2.1 Jumper



**Item No.: 221-941/000-006**  
Jumper; for conductor entry; 2-way; insulated; blue



**Item No.: 221-942/000-006**  
Jumper; for conductor entry; 2-way; insulated; blue



**Item No.: 221-941**  
Jumper; for conductor entry; 2-way; insulated; dark gray



**Item No.: 221-942**  
Jumper; for conductor entry; 2-way; insulated; dark gray

1.1.3 Mounting adapter

1.1.3.1 Mounting accessories



**Item No.: 221-510/000-006**  
Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; blue



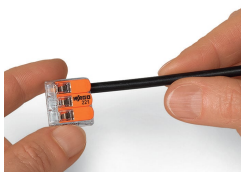
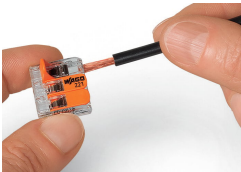
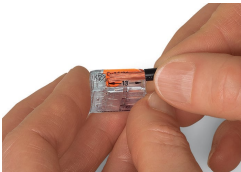
**Item No.: 221-510/000-053**  
Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; dark gray-yellow



**Item No.: 221-510**  
Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; orange

Installation Notes

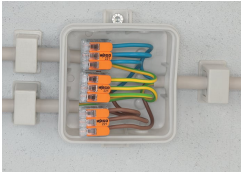
Conductor termination



Termination: Lift the lever to open the clamping unit and insert a stripped conductor.

Then, lower the lever to close the clamp.

Application



Wiring fine-stranded conductors in junction boxes.



Custom low-voltage lighting system



Lighting distribution in a ceiling canopy



Pendant light connection in a suspended ceiling



COMPACT Splicing Connectors for All  
Conductor Types (6 mm<sup>2</sup>), 221 Series