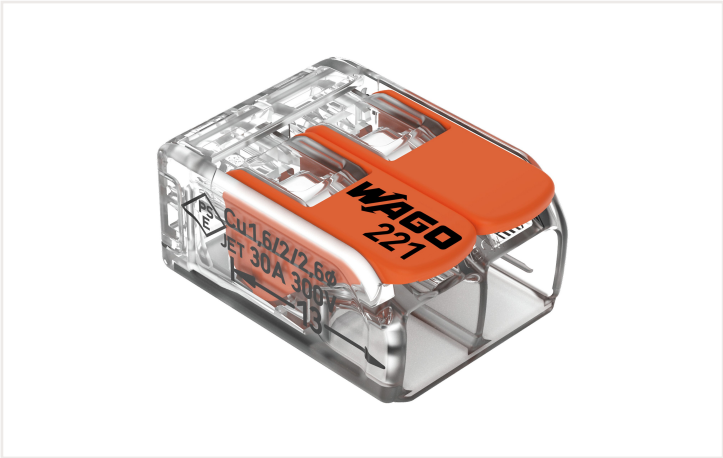


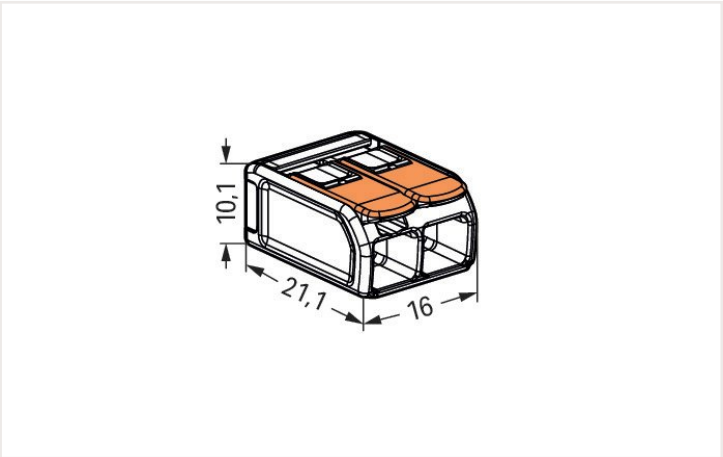
| : 221-612

COMPACT Splicing Connector; for all conductor types; max. 6 mm²; 2-conductor;
with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 6,00
mm²; transparent

<https://www.wago.com/221-612>



: ☐ 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 mm²
- 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	
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			
Total number of connection points	2	Connection 1	
Total number of potentials	1	Connection technology	CAGE CLAMP®
		Actuation type	Lever
		Connectable conductor materials	Copper
		Nominal cross-section	6 mm² / 10 AWG
		Solid conductor	0.5 ... 6 mm² / 20 ... 10 AWG
		Stranded conductor	0.5 ... 6 mm² / 20 ... 10 AWG
		Fine-stranded conductor	0.5 ... 6 mm² / 20 ... 10 AWG
		Strip length	12 ... 14 mm / 0.47 ... 0.55 inches
		Wiring direction	Side-entry wiring

Physical data	
Width	16 mm / 0.63 inches
Height	10.1 mm / 0.398 inches
Depth	21.1 mm / 0.831 inches

Material data	
Note (material data)	Information on material data can be found here
Color	transparent
Cover color	transparent
Flammability class per UL94	V2
Fire load	0.05 MJ
Actuator color	orange
Weight	3 g

Environmental requirements	
Ambient temperature (operation)	+85 °C
Continuous operating temperature	105 °C
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)	500 (50) Stück
Packaging type	Box
Country of origin VKOrg Germany	CH
GTIN	4055143704168
Customs tariff number VKOrg Germany	85369010000

Approvals and certificates

Country specific Approvals



KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-105677
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Ship Approvals



ABS American Bureau of Ship- ping	EN 60998	18-HG1755093-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	EN 60998	TAE000015T
LR Lloyds Register	EN 60998	04/20013 (E8)

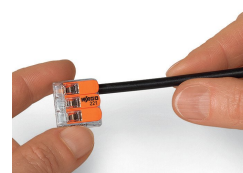
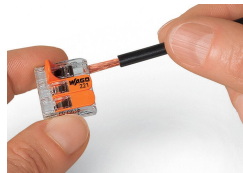
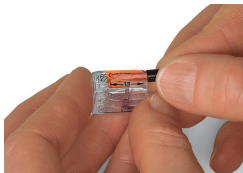
UL-Approvals



UL UL International Germany GmbH	UL 486C	E69654
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Installation notes

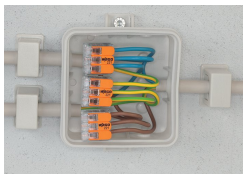
Conductor termination



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 mm²), 221 Series