

Data Sheet | Item Number: 221-615/995-006

Splicing connector with levers; for all conductor types; max. 6 mm²; 5-conductor; transparent housing; Surrounding air temperature: max 85°C (T85); 6,00 mm²; transparent



<https://www.wago.com/221-615/995-006>



Color: ☐ transparent

Splicing connector with levers, 221 Series, lever

Splicing connector with levers (item number 221-615/995-006) simplifies electrical installations. From intercom system wiring to electric ovens—connecting different conductor types is quick and hassle-free with WAGO's compact 221 Series splicing connector. Conductors can only be connected to splicing connector with levers if their strip length is between 12 and 14 mm . Our splicing connector is rated for 450 V and is designed for use with a rated current of up to 41 A. As such, it is suitable for high-load applications. This product features conductor terminals and utilizes CAGE CLAMP®. Our reliable and maintenance-free CAGE CLAMP® connection makes it easy to connect all conductor types without having to prepare the conductor. For example, you don't need to crimp ferrules. Dimensions: (36.7 x 10.1 x 21.1) mm (width x height x depth). Depending on the type of conductor, splicing connector with levers is suitable for conductor cross sections ranging from 0.5 mm² to 6 mm².

WAGO's 221 Series Splicing Connector with levers impresses with its innovative design for different conductor cross-sections. That's why WAGO's lever-equipped splicing connector holds a unique trademark within electrical interconnection technology. The flat levers, which fit seamlessly into the 221's base, act like a cast when closed and can be positioned neatly in any housing without disturbing edges. Due to the wide design of each lever, they can all be operated perfectly without tools for convenient conductor terminations. The transparent housing displays robust technology and enables immediate visual inspection for the correct contact of solid, stranded and fine-stranded conductors. Resembling piano keys, the levers' design perfectly combines the functional and aesthetic connection technology "Made by WAGO."

This item includes:



Item No.: 221-615	6
Splicing connector with levers; for all conductor types; max. 6 mm²; 5-conductor; transparent housing; Surrounding air temperature: max 85°C (T85); 6,00 mm²; transparent	



Notes	
General safety information	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!
Safety Information	in grounded power lines

Electrical data				
Ratings per		EN 60664		
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Nominal voltage	-	-	450 V	
Rated impulse withstand voltage	-	-	4 kV	
Rated current	-	-	41 A	
Approvals per		UL 486C		
Use group	B	C	D	
Rated voltage	-	600 V	-	
Rated current	-	30 A	-	

General information	
Wiring direction	Side-entry wiring

Connection Data		
Clamping units	5	
Total number of potentials	1	
Connection 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	36.7 mm / 1.445 inches
Height	10.1 mm / 0.398 inches
Depth	21.1 mm / 0.831 inches



Material data		
Note (material data)		Information on material specifications can be found here
Color		transparent
Cover color		transparent
Material group		IIIa
Insulation material (main housing)		Polycarbonate (PC)
Flammability class per UL94		V2
Fire load	Fire load	0.118 MJ
Actuator color		orange
Weight		7.1 g

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

Commercial data		
PU (SPU)		108 (6) pcs
Packaging type		Blister foil
Country of origin		DE
GTIN		4066966001778
Customs tariff number		85369010000

Product Classification		
UNSPSC	UNSPSC	39121409
ETIM 9.0		EC000446
ETIM 10.0		EC000446
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 221-615/995-006	

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



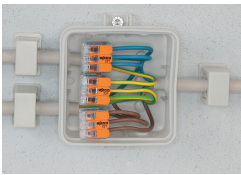
Item No.: 221-510/000-053
Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; dark gray-yellow



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

Installation Notes

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