

Data Sheet | Item Number: 221-613/995-008

Splicing connector with levers; for all conductor types; max. 6 mm²; 3-conductor; transparent housing; Surrounding air temperature: max 85°C (T85); 6,00 mm²; transparent



<https://www.wago.com/221-613/995-008>



Color: ☐ transparent

Installationsklemme Serie 221, transparent

Bei Installationsklemme mit der Artikelnummer 221-613/995-008 ist eine reibungslose Elektroinstallation das Hauptaugenmerk. Bei Installationsklemme ist für den Leiteranschluss eine Abisolierlänge im Bereich von 12 bis 14 mm erforderlich. Dieses Produkt basiert auf der CAGE CLAMP®-Technologie. Der bewährte und wartungsfreie CAGE CLAMP® Universalanschluss ermöglicht den Anschluss aller Leiterarten mit einer Käfigzugfeder. Eine Vorbehandlung der Leiter, z.B. durch das Aufcrimpen von Aderendhülsen, ist nicht erforderlich. Die Abmessungen betragen in Breite x Höhe x Tiefe (22,9 x 10,1 x 21,1) mm. Installationsklemme ist in Abhängigkeit von der Leiterart für Leiterquerschnitte von 0,5 mm² bis 6 mm² geeignet.

This item includes:



Item No.: 221-613

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Splicing connector with levers; for all conductor types; max. 6 mm²; 3-conductor; transparent housing; Surrounding air temperature: max 85°C (T85); 6,00 mm²; transparent

Notes	
General safety instructions	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	



Electrical data							
Ratings per				EN 60664			
Overvoltage category	III	III	II				
Pollution degree	3	2	2				
Nominal voltage	-	-	450 V				
Rated surge voltage	-	-	4 kV				
Rated current	-	-	41 A				

Approvals per				UL 486C			
Use group	B	C	D				
Rated voltage	-	600 V	-				
Rated current	-	30 A	-				

Connection data							
Clamping units	3						
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	22.9 mm / 0.902 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	0.094 MJ
Actuator color	orange
Weight	4.3 g

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



Commercial data	
PU (SPU)	144 (8) pcs
Packaging type	Blister foil
Country of origin	DE
GTIN	4066966001693
Customs tariff number	85369010000

Product classification	
UNSPSC	39121409
ETIM 9.0	EC000446
ETIM 8.0	EC000446
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 221-613/995-008	

1 Compatible Products

1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 Moisture protection



[Item No.: 207-1431](#)
Gelbox; Branch; for cables; with gel; 221 Series; max. 6 mm² connectors; without splicing connectors; Size 1; gray



[Item No.: 207-1433](#)
Gelbox; Branch; for cables; with gel; 221 Series; max. 6 mm² connectors; without splicing connectors; Size 3; 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



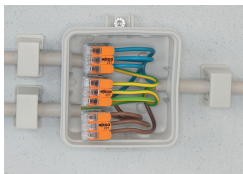
Item No.: 221-510/000-053
Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; dark gray-yellow



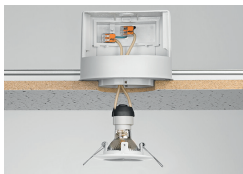
Item No.: 221-510
Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; orange

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