

Data Sheet | Item Number: 221-612/995-010

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



<https://www.wago.com/221-612/995-010>



Color: ☐ transparent

Installationsklemme Serie 221, transparent

Installationsklemme mit der Artikelnummer 221-612/995-010 bietet eine ordentliche Elektroinstallation. Bei Installationsklemme ist für den Leiteranschluss eine Abisolierlänge im Bereich von 12 bis 14 mm erforderlich. Dieses Produkt ist mit der CAGE CLAMP®-Technologie ausgestattet. Mit dem CAGE CLAMP® Universalanschluss steht Ihnen eine zuverlässige und wartungsfreie Anschlusstechnik zur Verfügung, um sämtliche Leiterarten mithilfe einer Käfigzugfeder anzuschließen. Es ist keine Vorbehandlung der Leiter notwendig, beispielsweise durch das Aufcrimpen von Aderendhülsen. Die Abmessungen sind in Breite x Höhe x Tiefe (16 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.: 221-612

10

Splicing connector with levers; for all conductor types; max. 6 mm²; 2-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			Approvals per		
							UL 486C		
Overvoltage category				III	III	II	Use group		
							B		
Pollution degree				3	2	2	Rated voltage		
							-		
Nominal voltage				-	-	450 V	Rated current		
							-		
Rated surge voltage				-	-	4 kV			
Rated current				-	-	41 A			

Connection data									
Clamping units				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 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				0.064 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	
PU (SPU)	180 (10) pcs
Packaging type	Blister foil
Country of origin	DE
GTIN	4066966001921
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 221-612/995-010



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.: 207-1432](#)
Gelbox; Branch; for cables; with gel; 221 Series; max. 6 mm² connectors; without splicing connectors; Size 2; 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



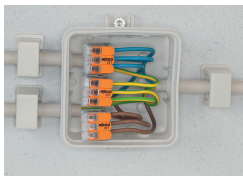
Item No.: 221-510/000-053
Mounting carrier; 221 Series - 6 mm²; for DIN-35 rail mounting/screw mounting; dark gray-yellow



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