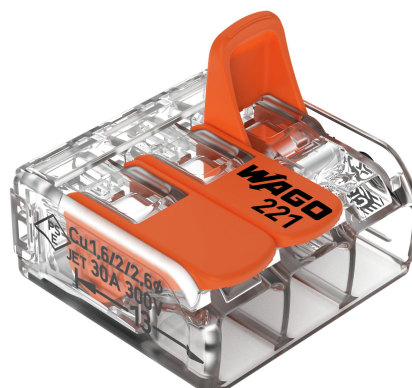


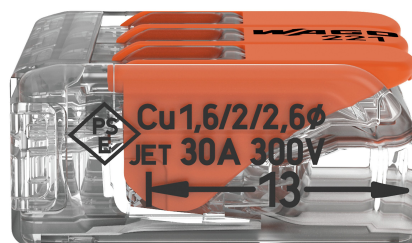
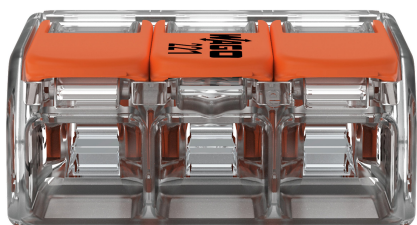
Datablad | Artikkelnnummer: 221-613

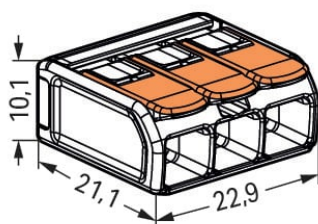
Koblingsklemme med hendel; for alle ledertyper; maks. 6 mm²; 3-leder; gjennomsiktig hylse; Omgivelsestemperatur: maks. 85 °C (T85); 6,00 mm²; gjennomsiktig

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



Farge: ☐ gjennomsiktig





Dimensions in mm

Splicing connector with levers, 221 Series, lever

Splicing connector with levers (item number 221-613) simplifies electrical installations. From wiring intercom systems to installing electrical ovens, connecting different conductor types is quick and hassle-free with WAGO's compact 221 Series splicing connector, which allows you to quickly and safely connect different types of conductors. This splicing connector has a rated voltage of 450 V and can handle currents up to 41 A, making it suitable for high-load applications. Ensure that the strip lengths are between 12 mm and 14 mm when connecting conductors to splicing connector with levers. Featuring conductor terminals along with CAGE CLAMP®, this product is highly versatile. Our highly-rated 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. The item's dimensions are 22.9 x 10.1 x 21.1 mm (width x height x depth). Depending on the conductor type, splicing connector with levers is designed 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 product is designed for specific Ex applications (please refer to the product datasheet).

Merknader

Safety management note

MERK: Følg installasjons- og sikkerhetsinstruksjonene!

- **Må kun brukes av elektrikere!**
- Ikke arbeid under spenning/belastning!
- Bruk kun til riktig bruk!
- Følg nasjonale forskrifter/standarder/retningslinjer!
- Vær oppmerksom på de tekniske spesifikasjonene for produktene!
- Sjekk antall tillatte potensialer!
- Ikke bruk skadede/skitne komponenter!
- Vær oppmerksom på ledertyper, tverrsnitt og avmantlingslengder!
- Sett inn lederen til den treffer produktets sperrevegg!
- Bruk originalt tilbehør!

Skal selges kun med instruksjoner!

Sikkerhetsinformasjon

i jordede kraftledninger

Electrical data						
Ratings per			EN 60664			
Overvoltage category	III	III	II			
Pollution degree	3	2	2			
Nominell spenning	-	-	450 V			
Nominell støtspenning	-	-	4 kV			
Nominell strøm	-	-	41 A			

Godkjenninger per			UL 486C			
Use group	B	C	D			
Nominell spenning	-	600 V	-			
Nominell strøm	-	30 A	-			

Tilkoblingsdata		
Totalt antall tilkoblingspunkter	3	
Totalt antall potensialer	1	

Tilkobling 1	
Koblingsteknologi	CAGE CLAMP®
Aktuatorstype	Hendel
Koblingsbare ledermaterialer	Kobber
Nominellt tverrsnitt	6 mm² / 10 AWG
Helkjeleleder	0,5 ... 6 mm² / 20 ... 10 AWG
Finetrådet leder	0,5 ... 6 mm² / 20 ... 10 AWG 0,5 ... 6 mm² / 20 ... 10 AWG
Listlengde	12 ... 14 mm / 0.47 ... 0.55 tommer
Ledningstype	Kobling via sideinngang

Fysiske data	
Bredde	22,9 mm / 0.902 tommer
Høyde	10,1 mm / 0.398 tommer
Dybde	21,1 mm / 0.831 tommer

Materielle data	
Note (material data)	Information on material specifications can be found here
Farge	gjennomsiktig
Dekselfarge	gjennomsiktig
Materialgruppe	IIIa
Isolasjonsmateriale	Polykarbonat (PC)
Brannklasse UL94	V2
Brannbelastning	0.094 MJ
Farge på aktuator	oransje
Vekt	4 g



Miljøkrav		
Drifttemperatur		+85 °C
Kontinuerlig driftstemperatur		105 °C
Temperaturmerking per EN 60998		T85

Komersiell data		
eCl@ss 10.0		27-14-11-04
eCl@ss 9.0		27-14-11-04
ETIM 9.0		EC000446
ETIM 8.0		EC000446
PU (SPU)		300 (30) Stk
Pakketype		boks
Opprinnelsesland		CH
GTIN		4055143715416
Tollsatsnummer		85369010000

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Godkjenninger / sertifikater

General approvals



Godkjenning	Standard	Sertifikatnavn
CB DEKRA Certification B.V.	IEC 60998	NL-81003
cULus_Listed_667F Underwriters Laboratories Inc.	UL 486C	E69654
ENEC 05 DEKRA Certification B.V.	EN 60998	71-123784
UL_Listed_64KA UL International Germany GmbH	UL 467	E201573

Declarations of conformity and manufacturer's declarations

Godkjenning	Standard	Sertifikatnavn
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



Godkjenning	Standard	Sertifikatnavn
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	LR22207029TA

Nedlastinger

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 221-613

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Documentation

Bid Text

221-613	19.02.2019	xml 3.48 KB	↓
221-613	23.01.2019	docx 15.05 KB	↓

ausschreiben.de
221-613

↓

CAD/CAE-Data

CAD data

2D/3D Models 221-613

↓

CAE data

EPLAN Data Portal
221-613

↓

ZUKEN Portal 221-613

↓

1 Kompatible produkter

1.1 Valgfritt tilbehør

1.1.1 Festeadapter

1.1.1.1 Monteringstilbehør



Elementnr.: 221-510/000-006
Montasjebærer; 221-Serien - 6 mm²; for DIN-35 skinne- / skrue montering; blå



Elementnr.: 221-510/000-053
Montasjebærer; 221-Serien - 6 mm²; for DIN-35 skinne- / skrue montering; mørke-grå-gul



Elementnr.: 221-510
Montasjebærer; 221-Serien - 6 mm²; for DIN-35 skinne- / skrue montering; oransje

1.1.2 Generelt tilbehør

1.1.2.1 Moisture protection



Elementnr.: 207-1431
Gelboks; Gren; for kabler; med gel; Serie 221; maks. 6 mm² koblinger; uten koblingsklemmer; Størrelse 1; grå



Elementnr.: 207-1433
Gelboks; Gren; for kabler; med gel; Serie 221; maks. 6 mm² koblinger; uten koblingsklemmer; Størrelse 3; grå

1.1.3 Lask

1.1.3.1 Lask



Elementnr.: [221-941/000-006](#)
Lask; for conductor entry; 2-veis; isolert; blå



Elementnr.: [221-942/000-006](#)
Lask; for conductor entry; 2-veis; isolert; blå



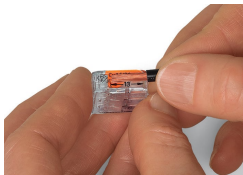
Elementnr.: [221-941](#)
Lask; for conductor entry; 2-veis; isolert; mørkegrå



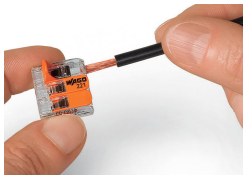
Elementnr.: [221-942](#)
Lask; for conductor entry; 2-veis; isolert; mørkegrå

Installasjonsmerknader

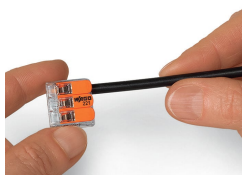
Kobling av ledere



Strip conductor to 12 ... 14 mm.

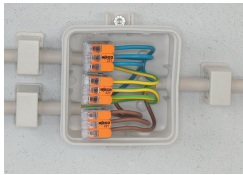


Termination: Lift the lever to open the clamping unit and insert a stripped conductor.

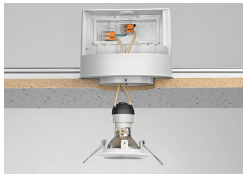


Then, lower the lever to close the clamp.

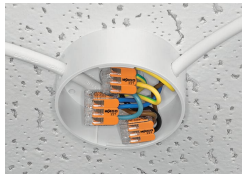
Applikasjon



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