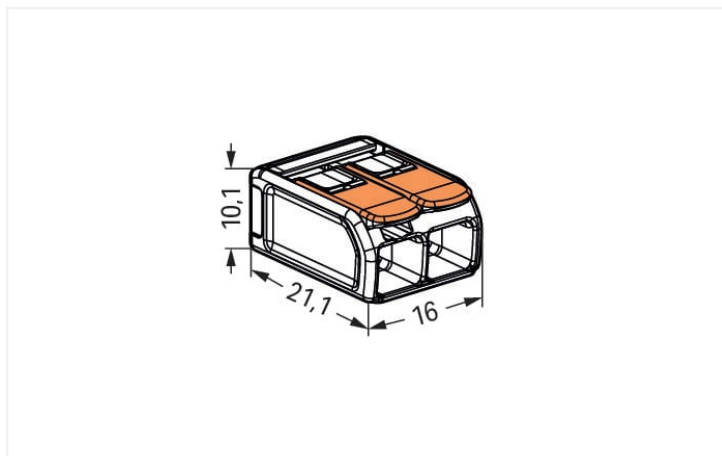




Farge: gjennomsiktig





Dimensions in mm

Splicing connector with levers, 221 Series, CAGE CLAMP®

Enjoy convenient electrical installations with splicing connector with levers (item number 221-612). From wiring intercom systems to installing electrical ovens, connecting different conductor types is quick and simple with WAGO's compact 221 Series splicing connector, which allows you to quickly and safely connect different types of conductors. Rated current and voltage are important parameters when selecting a splicing connector, as they indicate how the product can be used. This product has a rated voltage of 450 V and a rated current of 41 A, making it suitable for high-load applications. Conductors should only be connected to splicing connector with levers if their strip length is between 12 mm and 14 mm. This product features conductor terminals and utilizes CAGE CLAMP®. Our reliable and maintenance-free CAGE CLAMP® connection makes it easy to connect all types of conductors without having to prepare the conductor. For example, you don't need to crimp ferrules. The item's dimensions are 16 x 10.1 x 21.1 mm (width x height x depth). Depending on the conductor type, 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 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	2
Totalt antall potensialer	1

Tilkobling 1	
Koblingsteknologi	CAGE CLAMP®
Aktuatorstype	Hendel
Koblingsbare ledermaterialer	Kobber
Nominelt tverrsnitt	6 mm ² / 10 AWG
Helkjerneleder	0,5 ... 6 mm ² / 20 ... 10 AWG
Finetrådet leder	0,5 ... 6 mm ² / 20 ... 10 AWG 0,5 ... 6 mm ² / 20 ... 10 AWG
Listlengde	12 ... 14 mm / 0.47 ... 0.55 tommer
Ledningstype	Kobling via sideinngang

Fysiske data

Bredde	16 mm / 0.63 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	0.064 MJ
Farge på aktuator	oransje
Vekt	3 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)	500 (50) Stk
Pakketype	boks
Opprinnelsesland	CH
GTIN	4055143704168
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 Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



Godkjenning	Standard	Sertifikatnavn
ABS American Bureau of Shipping	EN 60998	18-HG1755093-PDA
DNV GL Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
LR Lloyds Register	EN 60998	LR22207029TA

Nedlastinger

Environmental Product Compliance

Compliance Search


Environmental Product
Compliance 221-612



Documentation

Bid Text

221-612	19.02.2019	xml 3.47 KB	
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221-612	23.01.2019	docx 15.62 KB	
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ausschreiben.de
221-612



CAD/CAE-Data

CAD data

2D/3D Models 221-612



CAE data

EPLAN Data Portal
221-612



ZUKEN Portal 221-612



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 kob-
lingsklemmer; Størrelse 1; grå



Elementnr.: 207-1432

Gelboks; Gren; for kabler; med gel; Serie
221; maks. 6 mm² koblinger; uten kob-
lingsklemmer; Størrelse 2; grå



Elementnr.: 207-1433

Gelboks; Gren; for kabler; med gel; Serie
221; maks. 6 mm² koblinger; uten kob-
lingsklemmer; 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](#)

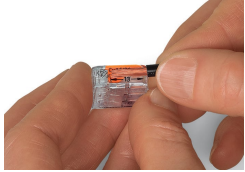
Lask; for conductor entry; 2-veis; isolert; mørkegrå

Elementnr.: [221-942](#)

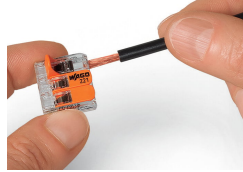
Lask; for conductor entry; 2-veis; isolert; mørkegrå

Installasjonsmerknader

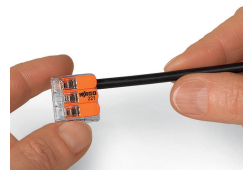
Kobling av ledere



Strip conductor to 12 ... 14 mm.

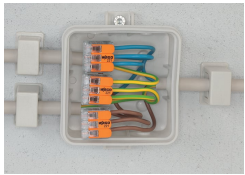


Termination: Lift the lever to open the clamping unit and insert a stripped conductor.



Then, lower the lever to close the clamp.

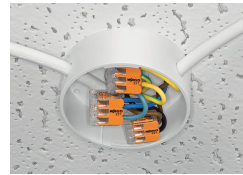
Applikasjon



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