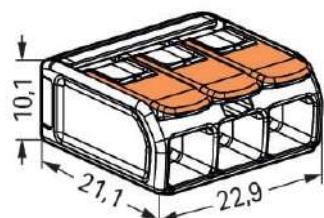




Color: transparent





Dimensions in mm

Your benefits:

- Ease of use – pull the lever up, insert a conductor and push the lever back down
- Available as 2-, 3- and 5-wire connectors
- Easily terminate conductors from 0.5 to 6 mm²
- Connection of all conductor types
- Time savings for installers and device manufacturers
- Quickly install devices with higher power consumption
- Safely install long cable runs with larger conductor cross sections
- Mounting carrier for installation conforms to standards
- Custom carriers are possible

Notes

Sicherheitshandhabungshinweis

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 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

Connection points	3
Total number of potentials	1

Connection 1	
Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	6 mm ² / 10 AWG
Solid conductor	0.5 ... 6 mm ² / 20 ... 10 AWG
Stranded conductor	0.5 ... 6 mm ² / 20 ... 10 AWG
Fine-stranded conductor	0.5 ... 6 mm ² / 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
Insulation material	Polycarbonate (PC)
Flammability class per UL94	V2
Fire load	0.094 MJ
Actuator color	orange
Weight	4 g

Environmental requirements

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

Commercial data

eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	300 (30) pcs
Packaging type	Box
Country of origin	CH
GTIN	4055143715416
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates**General approvals**

Approval	Standard	Certificate Name
CB	IEC 60998	NL-81003
DEKRA Certification B.V.		
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

Approval	Standard	Certificate Name
EU-Declaration of Conformity	-	-
WAGO GmbH & Co. KG		
UK-Declaration of Conformity	-	-
WAGO GmbH & Co. KG		

Approvals for marine applications

Approval	Standard	Certificate Name
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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 221-613



Documentation

Bid Text

221-613 19.02.2019 xml 3.48 KB



221-613 23.01.2019 docx 15.05 KB



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221-613



CAD/CAE-Data

CAD data

2D/3D Models 221-613



CAE data

EPLAN Data Portal
221-613



ZUKEN Portal 221-613



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

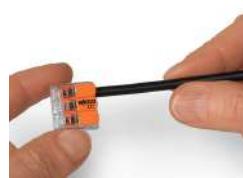
Conductor termination



Strip conductor to 12 ... 14 mm.

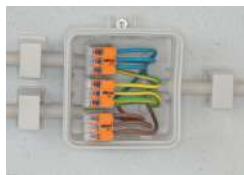


Termination: Lift the lever to open the clamping unit and insert a stripped conductor.



Then, lower the lever to close the clamp.

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

COMPACT Splicing Connectors for All Conductor Types (6 mm²), 221 Series