

Scheda dati | Codice articolo: 221-625

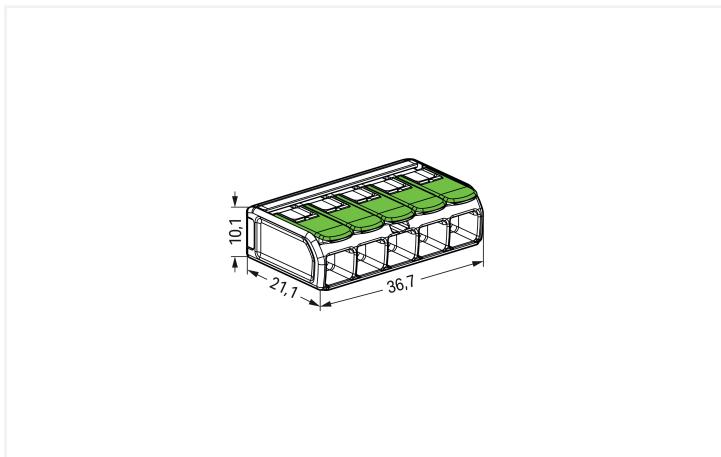
Morsetto di giunzione con leve; per tutti i tipi di conduttore; max. 6 mm²; 5 conduttori; scatola trasparente; Temperatura ambiente: max. 85 °C (T85); 6,00 mm²; trasparente

<https://www.wago.com/221-625>



Colore: trasparente





Splicing connector with levers, 221 Series, CAGE CLAMP®

Effortless electrical installations are guaranteed with splicing connector with levers (item number 221-625). 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. Ensure that the strip lengths are between 12 and 14 mm when connecting conductors to splicing connector with levers. Rated current and voltage are important parameters when selecting a splicing connector, as they determine the product's suitability for different applications. This product has a rated voltage of 450 V and a rated current of 41 A, making it suitable for high-load applications. This product incorporates conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection offers a convenient and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. Dimensions: (36.7 x 10.1 x 21.1) mm (width x height x depth). Depending on the conductor type, splicing connector with levers is ideal 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."

In addition to reggranulate, the new Green Range Splicing Connector with levers consists of 77% bio-circular PC (housing) and at least 27% recycled PBT (levers). This product is designed for specific Ex applications (please refer to the product datasheet).

Notes

General safety information	NOTICE: Observe installation and safety instructions!
	<ul style="list-style-type: none"> ▪ 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!
Informazione di sicurezza	To be sold only with installation instructions! nelle linee di alimentazione con messa a terra

Electrical data

Valutazione per	EN 60664		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Tensione nominale	-	-	450 V
Tensione impulsiva nominale	-	-	4 kV
Corrente nominale	-	-	41 A

Certificazioni secondo	UL 486C		
Use group	B	C	D
Tensione nominale	-	600 V	-
Corrente nominale	-	30 A	-

Informazioni generali

Direzione cablaggio	Cablaggio laterale
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Dati di connessione

Numero totale di punti di connessione	5
Numero totale di potenziali	1

Connessione 1	
Tecnica di connessione	CAGE CLAMP®
Tipo azionamento	Leva
Materiali del conduttore collegabile	Rame
Sezione nominale	6 mm ² / 10 AWG
Conduttore rigido	0,5 ... 6 mm ² / 20 ... 10 AWG
Conduttore semi-rigido	0,5 ... 6 mm ² / 20 ... 10 AWG
Conduttore flessibile	0,5 ... 6 mm ² / 20 ... 10 AWG
Lunghezza spelatura	12 ... 14 mm / 0.47 ... 0.55 pollici
Direzione cablaggio	Cablaggio laterale

Dati geometrici

Larghezza	36,7 mm / 1.445 pollici
Altezza	10,1 mm / 0.398 pollici
Profondità	21,1 mm / 0.831 pollici

Dati dei materiali

Nota sui dati dei materiali	Information on material specifications can be found here
Colore	trasparente
Colore coperchio	trasparente
Gruppo materiale	IIIa
Materiale custodia	bio-circular PC
Materiale isolante	Policarbonato (PC)
Insulation material (actuator)	Bio-circular PBT
Classe di infiammabilità secondo UL 94	V2
Carico d'incendio	0.152 MJ
Colore dell'attuatore	verde
Peso	7,1 g

Requisiti ambientali

Temperatura aria circostante (operazione)	+85 °C
Temperatura operativa continua	105 °C
Marcatura della temperatura sec. EN 60998	T85

Dati commerciali

PU (SPU)	150 (15) pz.
Tipo imballaggio	Box
Paese d'origine	DE
GTIN	4066966613148
Numero tariffa doganale	85369010000

Product Classification

UNSPSC	39121409
ETIM 9.0	EC000446
ETIM 10.0	EC000446
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvazioni/certificati

Omologazioni generali



Certificazione	Standard	Nome del certificato
CB DEKRA Certification B.V.	IEC 60998	NL-114612
cULus_Listed_667F Underwriters Laboratories Inc.	UL 486C	E69654
ENEC 05 DEKRA Certification B.V.	EN 60998	71-152265

Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 221-625	↓
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CAD/CAE-Data

CAD data

2D/3D Models 221-625



1 Prodotti compatibili

1.1 Accessori opzionali

1.1.1 Accessori generali

1.1.1.1 Moisture protection



N. art.: 207-1432

Gelbox; Diramazione; per cavi; con gel; Serie 221; connettori max. 6 mm²; senza connettori di giunzione; Dimensione 2; grigio

1.1.2 Adattatore di montaggio

1.1.2.1 Accessori di montaggio



N. art.: 221-510

Supporto di montaggio; Serie 221 - 6 mm²; per montaggio su guida DIN-35/montaggio a vite; arancione



N. art.: 221-510/000-006

Supporto di montaggio; Serie 221 - 6 mm²; per montaggio su guida DIN-35/montaggio a vite; blu



N. art.: 221-510/000-053

Supporto di montaggio; Serie 221 - 6 mm²; per montaggio su guida DIN-35/montaggio a vite; grigio scuro-giallo

1.1.3 Ponticello

1.1.3.1 Ponticello



N. art.: 221-941/000-006

Ponticello; per ingresso del conduttore; 2 poli; isolato; blu



N. art.: 221-942/000-006

Ponticello; per ingresso del conduttore; 2 poli; isolato; blu



N. art.: 221-941

Ponticello; per ingresso del conduttore; 2 poli; isolato; grigio scuro



N. art.: 221-942

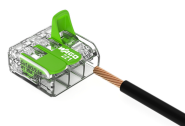
Ponticello; per ingresso del conduttore; 2 poli; isolato; grigio scuro

Note di installazione

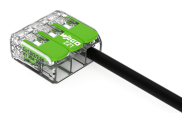
Connessione conduttore



Strip conductor to 13 mm



Open the clamping point by operating the lever. Inserting the conductor



Close the lever

Test



Testing via test slot

Applicazione



Connection of a wallbox / bicycle charging station