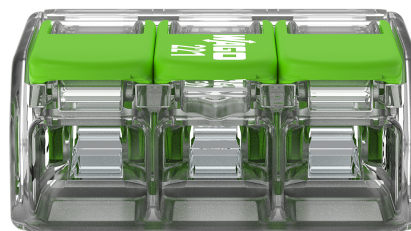
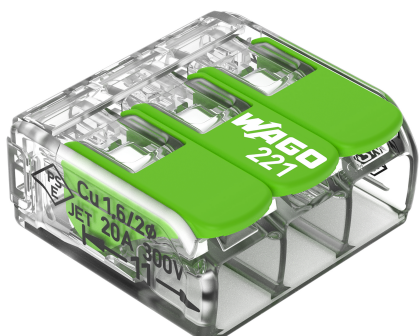


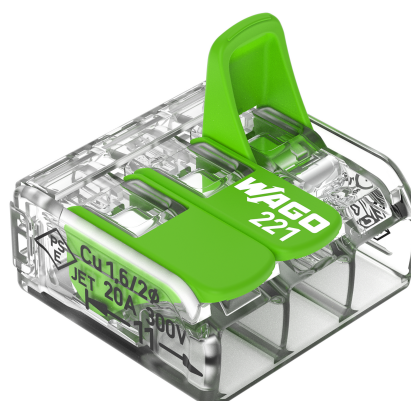
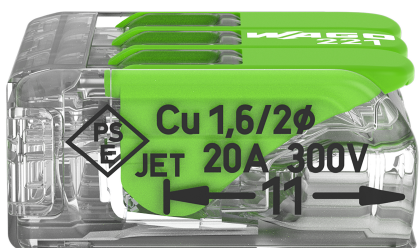
Data Sheet | Item Number: 221-423

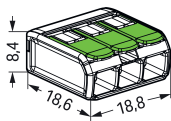
Splicing connector with levers; for all conductor types; max. 4 mm²; 3-conductor; transparent housing; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

<https://www.wago.com/221-423>



Color: ☐ transparent





Dimensions in mm

Splicing connector with levers, 221 Series, lever

Our splicing connector with levers (item number 221-423) simplifies electrical installations. From intercom system wiring to electric ovens—connecting various conductor types is quick and easy with WAGO's compact 221 Series splicing connector. Strip lengths must be 11 mm when connecting conductors to this splicing connector with levers. Rated current and voltage are important parameters when choosing 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 32 A, making it suitable for high-load applications. This product features conductor terminals and utilizes CAGE CLAMP®. Our celebrated universal connection known as CAGE CLAMP® leads the way when it comes to connection technology and electrical interconnections. The dimensions are (18.8 x 8.4 x 18.6) mm (width x height x depth). Depending on the conductor type, this splicing connector with levers is ideal for conductor cross sections ranging from 0.2 mm² to 4 mm².

This product is suitable for certain Ex applications (see product data sheet)

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."

<p>The WAGO Green Range Splicing Connector with Levers is manufactured using bio-circular and recycled plastics. This resource-conserving material concept helps keep valuable raw materials in circulation.</p>
<p>The housing is made of 77% bio-circular polycarbonate (PC), while the levers contain polybutylene terephthalate (PBT) with 27% post-consumer recycled content.</p> This product is designed for specific Ex applications (please refer to the product datasheet).

- Suitable for specific Ex applications
- Actuation via lever
- Safe and fast installation
- Plastics partially made from post-consumer recycle (e.g., recycled PET bottles) and bio-based residual materials from households and agriculture
- Compact sizes

Notes	
General safety information	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			
Overvoltage category		III		III		II	
Pollution degree		3		2		2	
Nominal voltage		-		-		450 V	
Rated impulse withstand voltage		-		-		4 kV	
Rated current		-		-		32 A	

Approvals per				UL 486C			
Use group		B		C		D	
Rated voltage		-		600 V		-	
Rated current		-		20 A		-	

General information	
Wiring direction	Side-entry wiring

Connection Data			
Clamping units		3	
Total number of potentials		1	

Connection 1	
Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	4 mm² / 12 AWG
Solid conductor	0.2 ... 4 mm² / 24 ... 12 AWG
Stranded conductor	0.2 ... 4 mm² / 24 ... 12 AWG
Fine-stranded conductor	0.14 ... 4 mm² / 24 ... 12 AWG
Strip length	11 mm / 0.43 inches
Wiring direction	Side-entry wiring

Physical data	
Width	18.8 mm / 0.74 inches
Height	8.4 mm / 0.327 inches
Depth	18.6 mm / 0.732 inches

Material data	
Note (material data)	Information on material specifications can be found here
Color	transparent
Material group	IIIa
Housing material	77% bio-circular polycarbonate (PC)
Insulation material (main housing)	Polycarbonate (PC)
Insulation material (actuator)	Polybutylene terephthalate (PBT) with 27% post-consumer recycled content
Flammability class per UL94	V2
Fire load	0.043 MJ
Actuator color	green
Weight	2.5 g



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

Commercial data		
PU (SPU)		500 (50) pcs
Packaging type		Box
Country of origin		DE
GTIN		4066966345438
Customs tariff number		85369010000

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

Environmental Product Compliance		
Product sustainability data		Link
RoHS Compliance Status		Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 221-423	

CAD/CAE-Data

CAD data	
2D/3D Models 221-423	