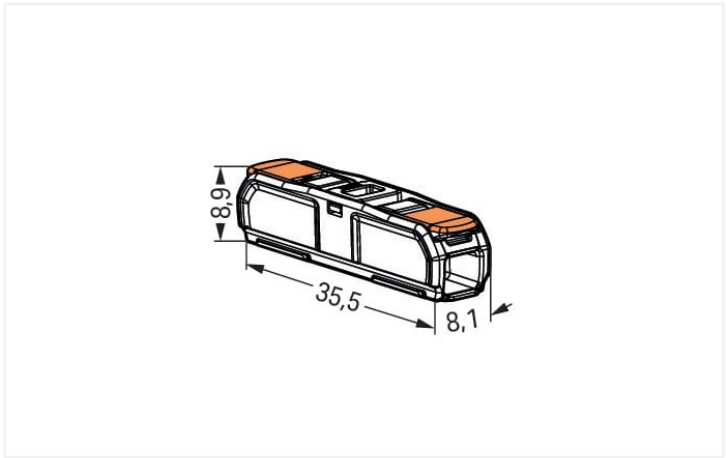


Data Sheet | Item Number: 221-2401

Inline splicing connector with levers; for all conductor types; max. 4 mm²; 2-conductor; transparent housing; white cover; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

<https://www.wago.com/221-2401>



Color: ☐ transparent

- This connector is 12 AWG capable and ideal for installations in the North American market.
- Inline connection of solid, stranded and fine-stranded conductors from 0.2 to 4 mm² (24–16 AWG)
  - Slim design saves space in tight areas
  - Tool-free connection and disconnection thanks to convenient lever technology
  - Use a mounting carrier for fixed and multi-pole wiring

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	-	-	32 A

Ratings per UL	
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	20 A

Connection data

Connection points	2
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Connection 1	
Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Solid conductor	0.2 ... 4 mm² / 20 ... 12 AWG
Stranded conductor	0.2 ... 2.5 mm² / 18 ... 12 AWG
Fine-stranded conductor	0.34 ... 4 mm² / 18 ... 12 AWG
Strip length	11 mm / 0.43 inches



Physical data	
Width	8.1 mm / 0.319 inches
Height	8.9 mm / 0.35 inches
Depth	35.5 mm / 1.398 inches




Material data	
Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	transparent
Cover color	white
Material group	Illa
Insulation material	Polycarbonate (PC)
Flammability class per UL94	V2
Fire load	0.055 MJ
Actuator color	orange
Weight of insulation material	0.84 g
Weight	2.4 g

Environmental requirements	
Continuous operating temperature	-60 ... +105 °C

Commercial data	
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	600 (60) pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966120271
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations									
  											
Approval	Standard	Certificate Name									
CCA DEKRA Certification B.V.	EN 60998	NTR NL-7990									
cULus_Listed_667F Underwriters Laboratories Inc.	UL 486C	UL-CA-L69654									
ENEC 05 DEKRA Certification B.V.	EN 60998	71-127529									
		<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor- mity WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor- mity WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
Approval	Standard	Certificate Name									
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-									
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-									



Approvals for marine applications



Approval	Standard	Certificate Name
LR Lloyds Register	EN 60998	LR22207029TA

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 221-2401



CAD/CAE-Data

CAD data
2D/3D Models 221-2401



CAE data
EPLAN Data Portal 221-2401
ZUKEN Portal 221-2401



1 Compatible Products

1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 Moisture protection



[Item No.: 207-1375](#)  
Gelbox; Durchgangsverbindung; für Aderleitungen; mit Gel; Serie 221, max. 4mm²-Klemmen; ohne Verbindungsklemmen; Größe 3; grau



[Item No.: 207-1372](#)  
Gelbox; inline connection; for cables; with gel; 221 Series; max. 4 mm² connectors; without splicing connectors; Size 1; gray



[Item No.: 207-1373](#)  
Gelbox; inline connection; for cables; with gel; 221 Series; max. 4 mm² connectors; without splicing connectors; Size 2; gray

1.1.2 Installation

1.1.2.1 Mounting accessories



[Item No.: 221-2501](#)  
Mounting carrier with strain relief; 1-way; for inline splicing connector with lever; for screw mounting; gray



[Item No.: 221-2511](#)  
Mounting carrier with strain relief; 1-way; for inline splicing connector with lever; with snap-in mounting foot; gray



[Item No.: 221-2502](#)  
Mounting carrier with strain relief; 2-way; for inline splicing connector with lever; for screw mounting; gray



[Item No.: 221-2512](#)  
Mounting carrier with strain relief; 2-way; for inline splicing connector with lever; with snap-in mounting foot; gray



[Item No.: 221-2503](#)  
Mounting carrier with strain relief; 3-way; for inline splicing connector with lever; for screw mounting; gray



[Item No.: 221-2513](#)  
Mounting carrier with strain relief; 3-way; for inline splicing connector with lever; with snap-in mounting foot; gray



[Item No.: 221-2504](#)  
Mounting carrier with strain relief; 4-way; for inline splicing connector with lever; for screw mounting; gray



[Item No.: 221-2514](#)  
Mounting carrier with strain relief; 4-way; for inline splicing connector with lever; with snap-in mounting foot; gray



1.1.2.1 Mounting accessories



**Item No.: 221-2505**  
Mounting carrier with strain relief; 5-way; for inline splicing connector with lever; for screw mounting; gray



**Item No.: 221-2515**  
Mounting carrier with strain relief; 5-way; for inline splicing connector with lever; with snap-in mounting foot; gray



**Item No.: 221-2521**  
Mounting carrier; 1-way; for inline splicing connector with lever; for screw mounting; gray



**Item No.: 221-2531**  
Mounting carrier; 1-way; for inline splicing connector with lever; with snap-in mounting foot; gray



**Item No.: 221-2522**  
Mounting carrier; 2-way; for inline splicing connector with lever; for screw mounting; gray



**Item No.: 221-2532**  
Mounting carrier; 2-way; for inline splicing connector with lever; with snap-in mounting foot; gray



**Item No.: 221-2523**  
Mounting carrier; 3-way; for inline splicing connector with lever; for screw mounting; gray



**Item No.: 221-2533**  
Mounting carrier; 3-way; for inline splicing connector with lever; with snap-in mounting foot; gray



**Item No.: 221-2524**  
Mounting carrier; 4-way; for inline splicing connector with lever; for screw mounting; gray



**Item No.: 221-2534**  
Mounting carrier; 4-way; for inline splicing connector with lever; with snap-in mounting foot; gray



**Item No.: 221-2525**  
Mounting carrier; 5-way; for inline splicing connector with lever; for screw mounting; gray



**Item No.: 221-2535**  
Mounting carrier; 5-way; for inline splicing connector with lever; with snap-in mounting foot; gray



**Item No.: 209-123**  
Mounting foot with screw; can be screwed on terminal blocks with fixing flange; 6.4 mm wide; gray



**Item No.: 209-1116**  
Mounting foot with screw; for DIN-15 rail; can be screwed on terminal blocks with fixing flange; 6.5 mm wide; gray



**Item No.: 209-120**  
Mounting foot; can be snapped on terminal blocks with snap-in mounting foot; for mounting on relay-modules; 6.4 mm wide; gray



**Item No.: 209-1115**  
Mounting foot; for DIN-15 rail; can be snapped on terminal blocks with snap-in mounting foot; 6.5 mm wide; gray

1.1.3 Marking

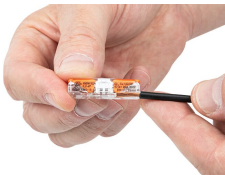
1.1.3.1 Marking strip



**Item No.: 210-834**  
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

Installation Notes

Conductor termination

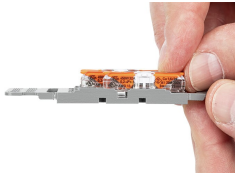


Push up the lever to open the clamping unit and insert the conductor.

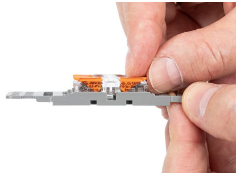


Push the lever back down.

Installation

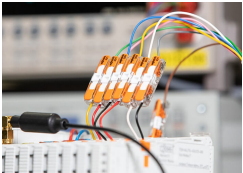


Place the inline splicing connector on the carrier in front of the mounting position.

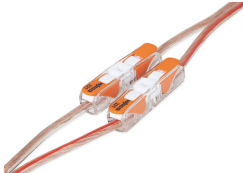


Push the connector to the center position until it snaps into place.

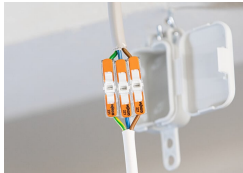
Application



Perfect for test setups



Simple extension of lines



Lighting connection in suspended ceilings



Multi-pole, fixed lighting fixture wiring