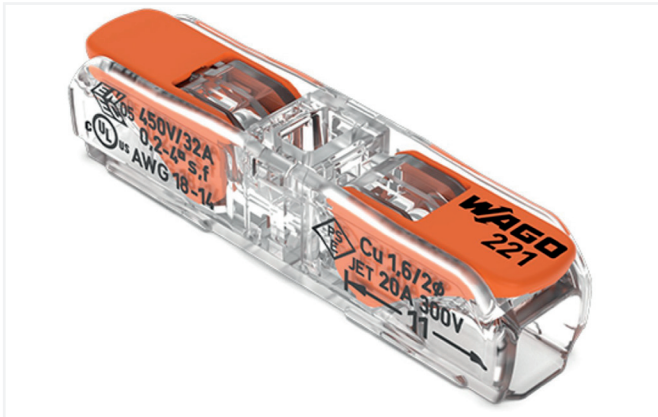


Inline Lever Connector - Mini LED Downlights

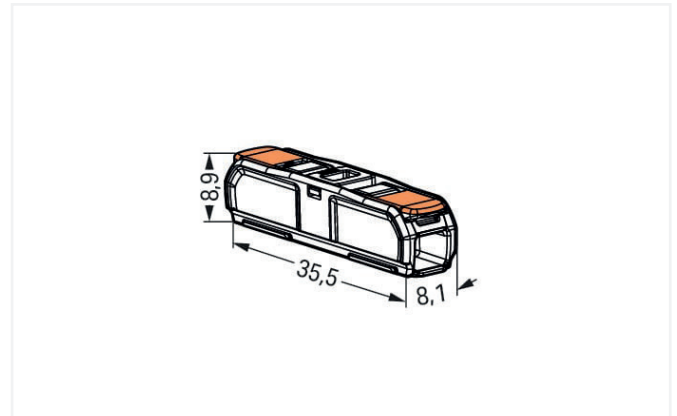
SKU: WG-221-2411-01

Data Sheet | Item Number: 221-2411

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



Color: transparent



This connector is suitable for worldwide installations.

- 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

Inline Lever Connector - Mini LED Downlights

SKU: WG-221-2411-01

Notes

Safety management note

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!

Electrical data

Ratings per		EN 60664		Ratings per UL	
Overvoltage category	III	III	II	Rated voltage UL (Use Group C)	600 V
Pollution degree	3	2	2	Rated current UL (Use Group C)	20 A
Nominal voltage	-	-	450 V		
Rated surge voltage	-	-	4 kV		
Rated current	-	-	32 A		

Connection data

Clamping units	2	Connection 1	
		Connection technology	CAGE CLAMP®
		Actuation type	Lever
		Connectable conductor materials	Copper
		Nominal cross-section	4 mm ² / 12 AWG
		Solid conductor	0.2 ... 4 mm ² / 20 ... 14 AWG
		Stranded conductor	0.2 ... 2.5 mm ² / 18 ... 14 AWG
		Fine-stranded conductor	0.2 ... 4 mm ² / 18 ... 14 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)	
Color	transparent
Cover color	transparent
Material group	Illa
Insulation material (main housing)	Polycarbonate (PC)
Flammability class per UL94	V2
Fire load	0.058 MJ
Actuator color	orange
Weight of insulation material	0.84 g
Weight	2.3 g

Inline Lever Connector - Mini LED Downlights

SKU: WG-221-2411-01

Environmental requirements

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

Commercial data

ETIM 9.0	EC000446
ETIM 8.0	EC000446
PU (SPU)	600 (60) pcs
Packaging type	Box
Country of origin	CH
GTIN	4066966102666
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

Approvals / Certificates

General approvals



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

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



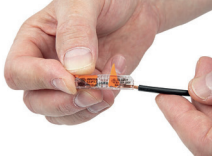
Approval	Standard	Certificate Name
LR Lloyds Register	EN 60998	LR22207029TA

Inline Lever Connector - Mini LED Downlights

SKU: WG-221-2411-01

Installation Notes

Conductor termination

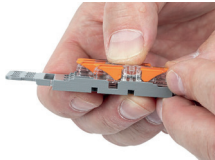


Push up the lever to open the clamping unit and insert the conductor.

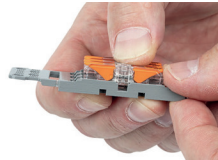


Push the lever back down.

Installation

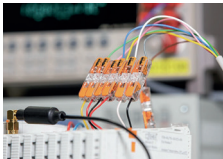


Place the inline splicing connector on the carrier in front of the mounting position.

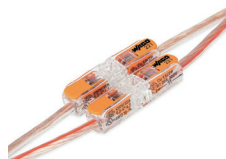


Push the connector to the center position until it snaps into place.

Application



Perfect for test setups



Simple extension of lines



Lighting connection in suspended ceiling



Multi-pole, fixed lighting fixture wiring