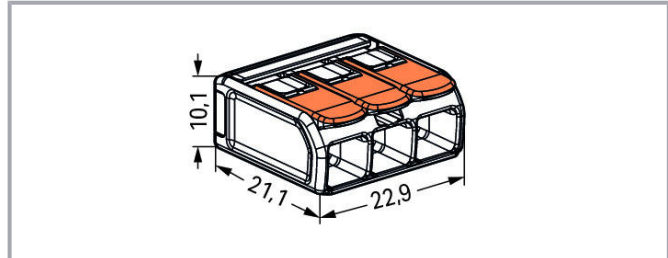


Data sheet | Item number: 221-613

COMPACT Splicing Connector; for all conductor types; max. 6 mm²; 3-conductor; with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 6,00 mm²; transparent



www.wago.com/221-613



Item description

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

—
Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



- Time savings for installers and device manufacturers
- Quickly install devices with higher levels of power consumption
- Safely install long cable runs with larger conductor cross sections
- Mounting carrier for installation conforms to standards
- Custom carriers are possible

Data

Notes

Safety information 1 in grounded power lines

Electrical data

Approvals per	UL 486C
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	30 A
Ratings per	EN 60664
Nominal voltage (II/2)	450 V
Rated surge voltage (II/2)	4 kV
Rated current	41 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Connection data

Total number of connection points	3
Total number of potentials	1
Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	6 mm ²
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 inch
Wiring direction	Side-entry wiring

Physical data

Width	22.9 mm / 0.902 inch
Height	10.1 mm / 0.398 inch

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
 Hansastr. 27
 32423 Minden
 Phone: +49571 887-0 | Fax: +49571 887-169
 Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.

Depth	21.1 mm / 0.831 inch
-------	----------------------

Material data

Color	transparent
Flammability class per UL94	V2
Fire load	0.073 MJ
Color of actuator	orange
Weight	4 g

Environmental requirements


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

Commercial data


PU (SPU)	300 (30) Stück
Packaging type	box
Country of origin	CH
GTIN	4055143715416
Customs tariff number	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	KEMA/KEUR DEKRA Certification B.V.	EN 60998	71- 105677

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60998	18- HG1755093- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T

Subject to changes. Please also observe the further product documentation!




LR
Lloyds Register

EN 60998

04/20013
(E8)

UL-Approvals




Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 486C	E69654

Optional accessories

Jumpers

Jumper		
	Item no.: 221-941 Jumper; for conductor entry; 2-way; insulated; dark gray	www.wago.com/221-941
	Item no.: 221-941/000-006 Jumper; for conductor entry; 2-way; insulated; blue	www.wago.com/221-941/000-006
	Item no.: 221-942 Jumper; for conductor entry; 2-way; insulated; dark gray	www.wago.com/221-942
	Item no.: 221-942/000-006 Jumper; for conductor entry; 2-way; insulated; blue	www.wago.com/221-942/000-006

Mounting adapter

Mounting accessories		
	Item no.: 221-510 Mounting carrier; 221 Series - 6 mm ² ; for DIN-35 rail mounting/screw mounting; orange	www.wago.com/221-510
	Item no.: 221-510/000-006 Mounting carrier; 221 Series - 6 mm ² ; for DIN-35 rail mounting/screw mounting; blue	www.wago.com/221-510/000-006
	Item no.: 221-510/000-053 Mounting carrier; 221 Series - 6 mm ² ; for DIN-35 rail mounting/screw mounting; dark gray-yellow	www.wago.com/221-510/000-053

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Downloads

Documentation

Bid Text

221-613 X81 - Datei	19. feb. 2019	xml 3.6 kB	Download
------------------------	---------------	---------------	----------

221-613 docx - Datei	23. jan. 2019	docx 15.4 kB	Download
-------------------------	---------------	-----------------	----------

Additional Information

Technical explanations	3. apr. 2019	pdf 2.2 MB	Download
------------------------	--------------	---------------	----------

CAD/CAE-Data

CAD data

2D/3D Models 221-613		URL	Download
----------------------	--	-----	----------

CAE data

ZUKEN Portal 221-613		URL	Download
----------------------	--	-----	----------

Environmental Product Compliance

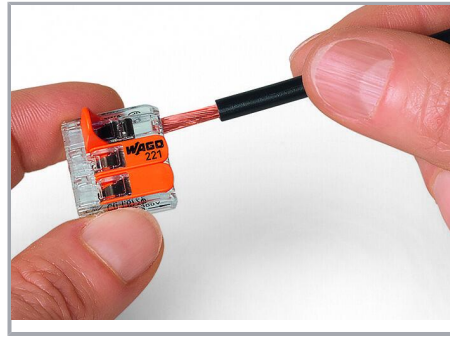
Compliance Search

Environmental Product Compliance 221-613 COMPACT Splicing Connector; for all conductor types; max. 6 mm ² ; 3-conductor; with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 6,00 mm ² ; transparent		URL	Download
--	--	-----	----------

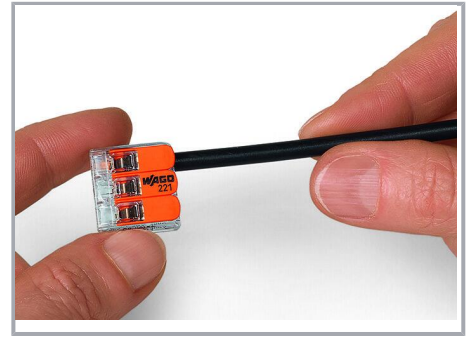
Installation Notes

Conductor termination

Subject to changes. Please also observe the further product documentation!

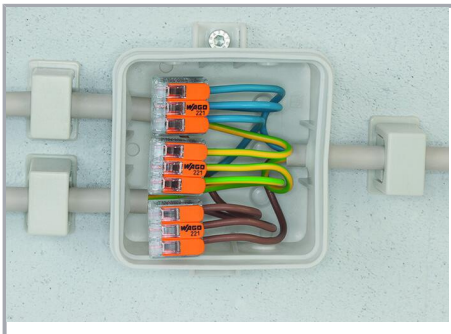


Termination: Lift the lever to open the clamping unit and insert a stripped conductor.

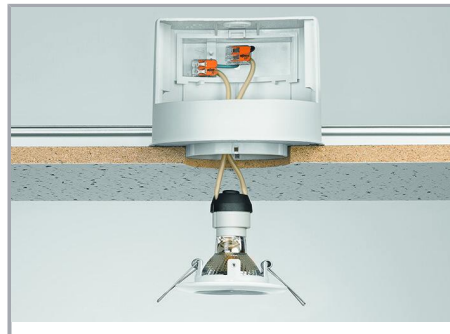


Then, lower the lever to close the clamp.

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

Subject to changes. Please also observe the further product documentation!

Data sheet | Item number: 221-613

www.wago.com/221-613



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

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.