

Data sheet | Item number: 221-415

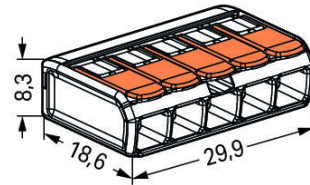
COMPACT Splicing Connector; for all conductor types; max. 4 mm²; 5-conductor; with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

www.wago.com/221-415



RoHS 
Compliant

[BOMcheck.net](https://www.bomcheck.net)



Item description

Your Benefits:

- Easy to 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 0.14 to 4 mm², as well as solid and stranded conductors from 0.2 to 4 mm² (24 ... 12 AWG).
- 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 conforming to standards

- Custom carriers are possible

Safety information 1:
In grounded power lines

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (II / 2)	450 V
Rated impulse voltage (II / 2)	4 kV
Rated current	32 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross section	4 mm²
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 inch
Total number of connection points	5
Total number of potentials	1
Type of wiring	Side-entry wiring

Geometrical Data

Width	29.9 mm / 1.177 inch
Height	8.3 mm / 0.327 inch
Depth	18.6 mm / 0.732 inch

Material Data

Color	transparent
Flammability class per UL94	V2
Weight	4.048 g

Environmental Requirements

Surrounding air (operating) temperature	85 °C
Continuous operating temperature	105 °C

T-Marking per EN 60998

T85

Commercial data

Product Group	7 (Push Wire Conn.)
Country of origin	DE
GTIN	4055143234658

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60998	NTR NL-7642
	CCA DEKRA Certification B.V.	EN 60998	71-101731

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	18-HG1755093-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
	LR Lloyds Register	EN 60998	04/20013 (E8)

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 467	E201573
	UL Underwriters Laboratories Inc.	UL 486C	E69654

Compatible products

Mounting adapter

Item no.: 221-500 Mounting carrier; 221 Series - 4 mm ² ; for DIN-35 rail mounting/screw mounting; orange	www.wago.com/221-500
Item no.: 221-505 Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm ² ; for screw mounting; white	www.wago.com/221-505
Item no.: 221-505/000-004 Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm ² ; for screw mounting; black	www.wago.com/221-505/000-004
Item no.: 221-515 Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm ² ; with snap-in mounting foot for horizontal mounting; white	www.wago.com/221-515
Item no.: 221-515/000-004 Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm ² ; with snap-in mounting foot for horizontal mounting; black	www.wago.com/221-515/000-004
Item no.: 221-525 Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm ² ; with snap-in mounting foot for vertical mounting; white	www.wago.com/221-525
 Item no.: 221-525/000-004 Mounting carrier; for 5-conductor terminal blocks; 221 Series - 4 mm ² ; with snap-in mounting foot for vertical mounting; black	www.wago.com/221-525/000-004

Downloads

Documentation

Additional Information

Technical explanations	03-Apr-2019	pdf 2.1 MB	Download
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CAD/CAE-Data

CAD data

3D Download 221-415	URL	Download
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EPLAN

EPLAN Data Portal 221-415	Download
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Subject to changes.

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