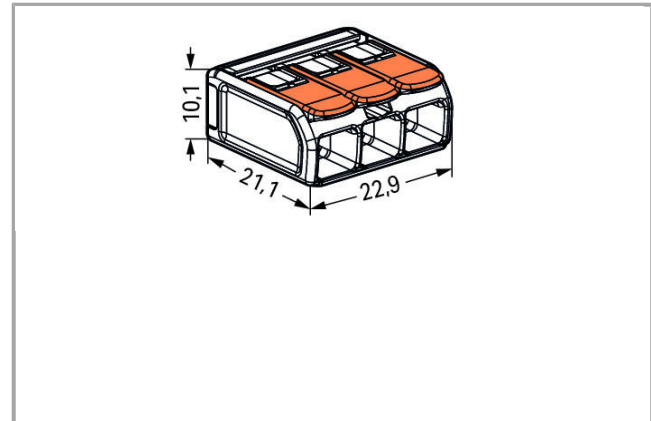
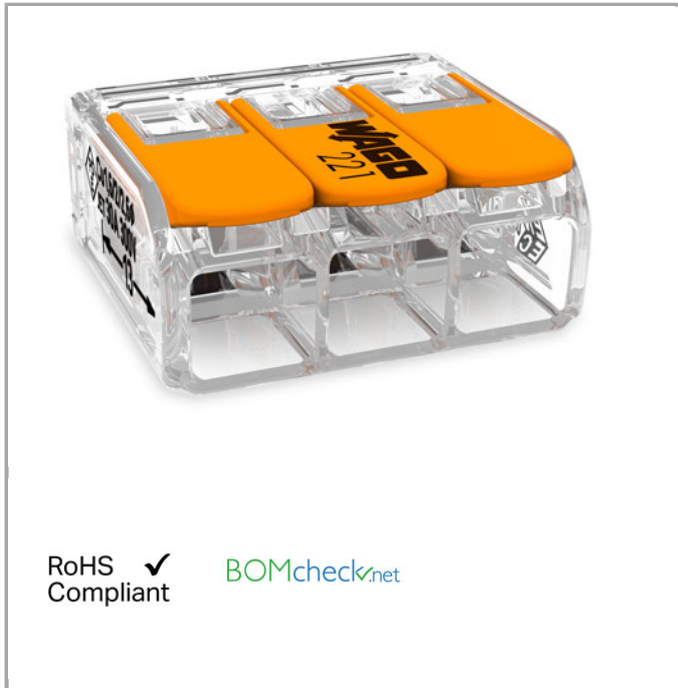


Data sheet | Item number: 221-613

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



221-613



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

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- Easily terminate conductors for all conductors from 0.5 to 6 mm² (20 ... 10 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	41 A

Connection data

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
Total number of connection points	3
Total number of potentials	1
Type of wiring	Side-entry wiring

Geometrical Data

Width	22.9 mm / 0.902 inch
Height	10.1 mm / 0.398 inch
Depth	21.1 mm / 0.831 inch

Material Data

Color	transparent
Flammability class per UL94	V2
Weight	4.014 g

Environmental Requirements




Surrounding air (operating) temperature	85 °C
Continuous operating temperature	105 °C
T-Marking per EN 60998	T85

Commercial data




Country of origin	DE
GTIN	4055143715416
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific 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
	LR Lloyds Register	EN 60998	04/20013 (E6)

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
	LR Lloyds Register	EN 60998	04/20013 (E8)

Other Approvals



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

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.: 221-510 Mounting carrier; 221 Series - 6 mm ² ; for DIN-35 rail mounting/screw mounting; orange	221-510
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Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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CAD/CAE - Smart Data

CAD data

3D Download 221-613	URL	Download
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Subject to changes.
