COMPACT Splicing Connector; for all conductor types; max. 4 mm²; 3-conductor; with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent



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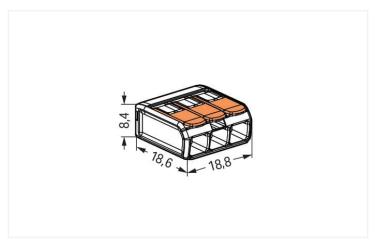


 ${\sf Color:} \ \square \ {\sf transparent}$









Dimensions in mm

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MAGO

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 0.14 to 4 mm²
- Connect solid, stranded and fine-stranded conductors
- Save time for installers and device manufacturers
- Quickly install devices with higher power consumption
- Safely install long cable runs with larger conductor cross sections
- Mounting carrier for installation conforms to standards
- Custom carriers are possible

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

Approvals per		UL 486C	
Use group	В	С	D
Rated voltage	-	600 V	-
Rated current	-	20 A	-

Connection data				
Connection points	3		Connection 1	
Total number of potentials	1	1	Connection technology	CAGE CLAMP®
			Actuation type	Lever
			Connectable conductor materials	Copper
			Nominal cross-section	4 mm² / 12 AWG
			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 inches
			Wiring direction	Side-entry wiring

Physical data	
Width	18.8 mm / 0.74 inches
Height	8.4 mm / 0.331 inches
Depth	18.8 mm / 0.732 inches

Material data	
Note (material data)	Information on material specifications can be found here
Color	transparent
Insulation material	Polycarbonate (PC)
Flammability class per UL94	V2
Fire load	0.064 MJ
Actuator color	orange
Weight	2.5 g

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Environmental requirements		
Livironinentarrequirements		
Ambient temperature (operation)	+85 °C	
Continuous operating temperature	105 °C	
Temperature marking per EN 60998	T85	

Commercial data	
Product Group	7 (Push Wire Conn.)
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	500 (50) pcs
Packaging type	Вох
Country of origin	DE
GTIN	4050821808442
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 60669,EN 60998	71-127529
	UL_Listed_64KA UL International Germany GmbH	UL 467	E201573

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







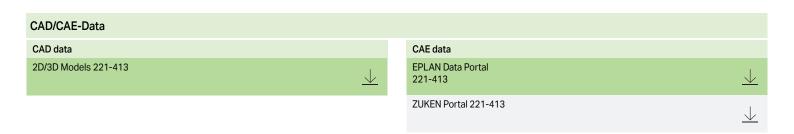
Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	18-HG1755093-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	EN 60998	TAE000015T
LR Lloyds Register	EN 60998	LR22207029TA

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Downloads **Environmental Product Compliance** Compliance Search **Environmental Product** Compliance 221-413

Documentation			
Bid Text			
221-413	19.02.2019	xml 3.43 KB	$\underline{\downarrow}$
221-413	23.01.2019	docx 15.29 KB	$\underline{\downarrow}$
ausschreiben.de 221-413			$\underline{\downarrow}$



1 Compatible Products 1.1 Optional Accessories 1.1.1 General accessories 1.1.1.1 Empty housings

Item No.: 207-4301

Junction box; Branch; for multicore cables; 221 Series; max. 4 mm² connectors; without splicing connectors; white

1.1.1.2 Moisture protection



Item No.: 207-1331 Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 1; gray



Item No.: 207-1333

Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 3; gray

https://www.wago.com/221-413



1.1.2 Jumper

lated; blue

1.1.2.1 Jumper



Jumper; for conductor entry; 2-way; insu-

Item No.: 221-942/000-006

Jumper; for conductor entry; 2-way; insulated; blue



Item No.: 221-941

Jumper; for conductor entry; 2-way; insulated; dark gray



Item No.: 221-942

Jumper; for conductor entry; 2-way; insulated; dark gray

1.1.3 Mounting adapter

Item No.: 221-500/000-006

Item No.: 221-941/000-006

1.1.3.1 Mounting accessories





Mounting carrier; 221 Series - 4 mm²; for

DIN-35 rail mounting/screw mounting;

Item No.: 221-503/000-004

Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm²; for screw mounting; black



Mounting carrier; 221 Series - 4 mm²; for DIN-35 rail mounting/screw mounting; blue



Mounting carrier; for 3-conductor termi-

nal blocks; 221 Series - 4 mm2; for screw

dark gray-yellow

Item No.: 221-500/000-053

Item No.: 221-513/000-004 Mounting carrier; for 3-conductor termi-

nal blocks; 221 Series - 4 mm²; with snap-

in mounting foot for horizontal mounting;

Item No.: 221-513

Item No.: 221-500

Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm2; with snapin mounting foot for horizontal mounting;

Mounting carrier; 221 Series - 4 mm²; for

DIN-35 rail mounting/screw mounting;



Item No.: 221-523/000-004

Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm²; with snapin mounting foot for vertical mounting;



Item No.: 221-523

Item No.: 221-503

mounting; white

Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm²; with snap-in mounting foot for vertical mounting; white

Installation Notes

Conductor termination



Strip conductor to 11 mm (0.43 inch).



Pull up an orange lever to open the clamping unit.



Then insert the conductor and push the lever back down, flush with the connector housing.



Compact, lever-operated splicing connectors:

Tool-free connection of fine-stranded conductors from 0.14 ... 4 mm2, as well as solid or stranded conductors from 0.2 ... 4 mm² (24 ... 12 AWG).

Safety:

The lever's specially designed rest position reliably prevents accidental unclamping of a connected conductor. Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

https://www.wago.com/221-413



Application







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!

Current addresses can be found at:: www.wago.com

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