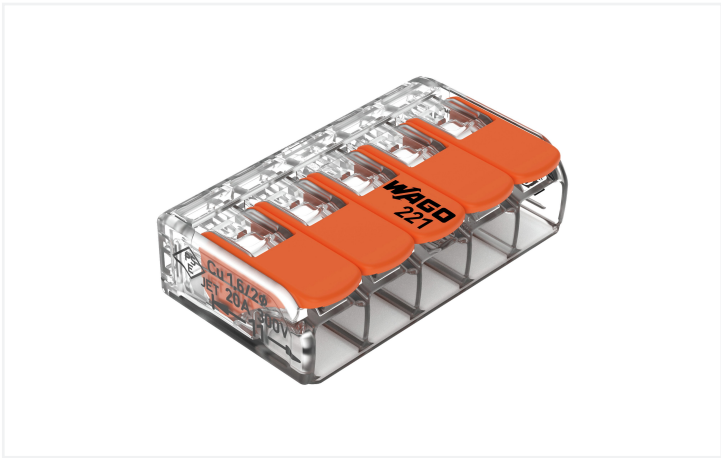
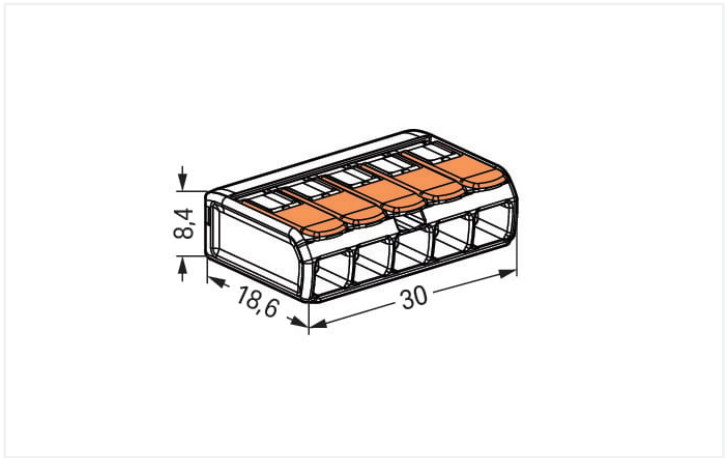


Data Sheet | Item Number: 221-415
COMPACT Splicing Connector; for all conductor types; max. 4 mm²; 5-conductor;
with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 4,00
mm²; transparent
<https://www.wago.com/221-415>



Color: ☐ transparent



Dimensions in mm

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			Approvals per		UL 486C
Overvoltage category	III	III	II		Use group	B	C D
Pollution degree	3	2	2		Rated voltage	-	600 V -
Nominal voltage	-	-	450 V		Rated current	-	20 A -
Rated surge voltage	-	-	4 kV				
Rated current	-	-	32 A				

Connection data				Connection 1	
Connection points	5			Connection technology	CAGE CLAMP®
Total number of potentials	1			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	30 mm / 1.181 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	0.089 MJ
Actuator color	orange
Weight	4 g

Environmental requirements	
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)	250 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143234658
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
			Approval	Standard	Certificate Name
CCA	EN 60998	NTR NL-7827	EU-Declaration of Confor-	-	-
DEKRA Certification B.V.			mity		
			WAGO GmbH & Co. KG		
ENEC 05	EN 60998	71-113253 REV.1	UK-Declaration of Confor-	-	-
DEKRA Certification B.V.			mity		
			WAGO GmbH & Co. KG		
UL_Listed_64KA	UL 467	E201573			
UL International Germany GmbH					
UL	UL 486C	E69654			
UL International Germany GmbH					

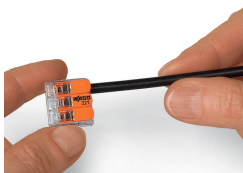
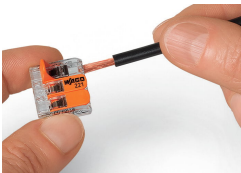
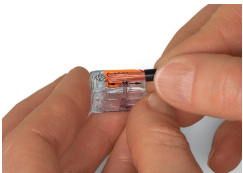
Approvals for marine applications



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

Installation Notes

Conductor termination



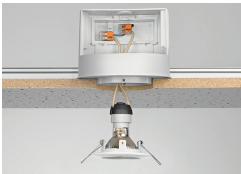
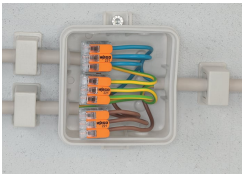
Strip conductor to 11 mm (0.43 inch).

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.

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