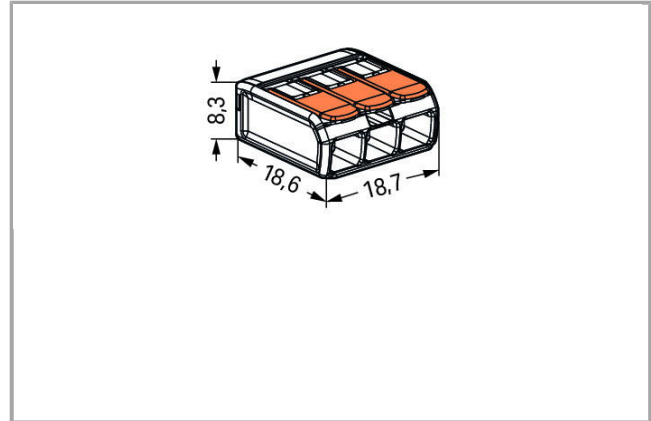


Data sheet | Item number: 221-413

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



221-413



RoHS Compliant

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



Item description

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 mm ²
Solid conductor	0.2 ... 4 mm ² / 24 ... 12 AWG
Stranded conductor	0.2 ... 4 mm ² / 24 ... 12 AWG
Fine-stranded conductor	0.14 ... 4 mm ² / 24 ... 12 AWG
Strip length	11 mm / 0.43 inch
Total number of connection points	3
Total number of potentials	1
Type of wiring	Side-entry wiring

Geometrical Data

Width	18.7 mm / 0.736 inch
Height	8.3 mm / 0.327 inch
Depth	18.6 mm / 0.732 inch

Material Data

Color	transparent
Flammability class per UL94	V2
Fire load	0 MJ
Weight	2.527 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	4050821808442

Customs Tariff No.




8536901000

Approvals / Certificates



Country specific Approvals

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

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 (E6)

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		221-500
	Item no.: 221-503 Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm ² ; for screw mounting		221-503
	Item no.: 221-503/000-004 Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm ² ; for screw mounting	/000-004	221-503
	Item no.: 221-513 Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm ² ; with snap-in mounting foot for horizontal mounting		221-513
	Item no.: 221-513/000-004 Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm ² ; with snap-in mounting foot for horizontal mounting	/000-004	221-513
	Item no.: 221-523 Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm ² ; with snap-in mounting foot for vertical mounting		221-523
	Item no.: 221-523/000-004 Mounting carrier; for 3-conductor terminal blocks; 221 Series - 4 mm ² ; with snap-in mounting foot for vertical mounting	/000-004	221-523

Downloads

Documentation

Bid Text

221-413	doc 25.6 kB	Download
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CAD/CAE - Smart Data

CAD data

3D Download 221-413	URL	Download
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Subject to changes.