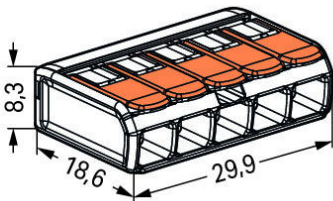


Data sheet | Item number: 221-415  
COMPACT Splicing Connectors; 5-conductor connector; with operating  
levers; Max.ambient operating temp. 85 °C

[www.wago.com/221-415](http://www.wago.com/221-415)



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                                                    |
| Legend (ratings)               | (II / 2) ≙ Overvoltage category II / Pollution degree 2 |



## 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 in |
| Height | 8.3 mm / 0.327 in  |
| Depth  | 18.6 mm / 0.732 in |

## Material Data

|                             |             |
|-----------------------------|-------------|
| Color                       | transparent |
| Flammability class per UL94 | V2          |
| Fire load                   | 0.074 MJ    |
| Weight                      | 4.048 g     |

## Environmental Requirements

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

## Commercial data

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

## Country specific Approvals

| Logo                                                                             | Approval                        | Certificate name |
|----------------------------------------------------------------------------------|---------------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | 71-101731        |

## Ship Approvals

| Logo                                                                              | Approval                                         | Certificate name |
|-----------------------------------------------------------------------------------|--------------------------------------------------|------------------|
|   | ABS<br>American Bureau of Shipping               | 15-HG1419918-PDA |
|   | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | TAE000015T       |
|  | LR<br>Lloyds Register                            | 04/20013 (E6)    |

## UL-Approvals

| Logo                                                                               | Approval                            | Certificate name |
|------------------------------------------------------------------------------------|-------------------------------------|------------------|
|  | UL<br>UL International Germany GmbH | E69654           |

Subject to changes.