

## Data sheet | Item number: 285-199

Three phase set; with 95 mm<sup>2</sup> high-current tbs; only for DIN 35 x 15 rail;  
copper; 95 mm<sup>2</sup>; POWER CAGE CLAMP



[www.wago.com/285-199](http://www.wago.com/285-199)



### Data

#### Electrical data

#### Ratings per IEC/EN 60664-1

|                                 |        |
|---------------------------------|--------|
| Rated voltage (III / 3)         | 1000 V |
| Rated impulse voltage (III / 3) | 8 kV   |

#### Connection data

|                                   |   |
|-----------------------------------|---|
| Connection technology             | POWER CAGE CLAMP                          |
| Actuation type                    | Operating tool                            |
| Connectable conductor materials   | Copper                                    |
| Solid conductor                   | 25 ... 95 mm <sup>2</sup> / 4 ... 4/0 AWG |
| Fine-stranded conductor           | 25 ... 95 mm <sup>2</sup> / 4 ... 4/0 AWG |
| Strip length                      | 35 mm / 1.38 Inch                         |
| Total number of connection points | 10  |

|                            |                   |
|----------------------------|-------------------|
| Total number of potentials | 5                 |
| Number of levels           | 1                 |
| Type of wiring             | Side-entry wiring |

### Geometrical Data

|                                       |                     |
|---------------------------------------|---------------------|
| Height from upper-edge of DIN-35 rail | 101 mm / 3.976 inch |
| Depth                                 | 107 mm / 4.213 inch |

### Mechanical data

|                  |              |
|------------------|--------------|
| Design           | horizontal   |
| Type of mounting | DIN-35 rail  |
| Marking level    | Side marking |

### Material Data



|                     |                          |
|---------------------|--------------------------|
| Color               | gray, blue, green-yellow |
| Insulating material | Polyamide 66 (PA 66)     |
| Weight              | 1340.75 g                |

### Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4045454204396 |
| Customs Tariff No. | 85369010000   |

### Approvals / Certificates

#### Country specific Approvals

| Logo   | Approval                              | Certificate name |
|--|---------------------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V.       | NTR NL-7707      |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | 71-101911        |

#### Ship Approvals













| Logo   | Approval                           | Certificate name |
|--|------------------------------------|------------------|
|  | ABS<br>American Bureau of Shipping | 14-HG1293677-PDA |

## UL-Approvals

| Logo   | Approval                             | Certificate name |
|--|--------------------------------------|------------------|
|  | UL<br>Underwriters Laboratories Inc. | E45172           |

## Compatible products

## Marking accessories

|   |   |  |
|---|---|--|
|    | <b>Item no.: 2009-115</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type         | <a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>                 |
|    | <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a> |
|    | <b>Item no.: 2009-115/000-006</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</a> |
|   | <b>Item no.: 2009-115/000-007</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a> |
|  | <b>Item no.: 2009-115/000-012</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a> |
|  | <b>Item no.: 2009-115/000-017</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a> |
|  | <b>Item no.: 2009-115/000-023</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a> |
|  | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a> |
|   | <b>Item no.: 209-185</b><br>Adaptor   | <a href="http://www.wago.com/209-185">www.wago.com/209-185</a>                   |
|   | <b>Item no.: 285-442</b><br>Adaptor   | <a href="http://www.wago.com/285-442">www.wago.com/285-442</a>                   |
|   | <b>Item no.: 793-501</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                             | <a href="http://www.wago.com/793-501">www.wago.com/793-501</a>                   |
|   | <b>Item no.: 793-501/000-002</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                     | <a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>   |



**Item no.: 793-501/000-005**  
WMB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/793-501/000-005](http://www.wago.com/793-501/000-005)



**Item no.: 793-501/000-006**  
WMB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/793-501/000-006](http://www.wago.com/793-501/000-006)



**Item no.: 793-501/000-007**  
WMB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/793-501/000-007](http://www.wago.com/793-501/000-007)



**Item no.: 793-501/000-012**  
WMB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/793-501/000-012](http://www.wago.com/793-501/000-012)



**Item no.: 793-501/000-017**  
WMB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/793-501/000-017](http://www.wago.com/793-501/000-017)



**Item no.: 793-501/000-023**  
WMB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/793-501/000-023](http://www.wago.com/793-501/000-023)



**Item no.: 793-501/000-024**  
WMB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/793-501/000-024](http://www.wago.com/793-501/000-024)



**Item no.: 793-5501**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501](http://www.wago.com/793-5501)



**Item no.: 793-5501/000-002**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)



**Item no.: 793-5501/000-005**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)



**Item no.: 793-5501/000-006**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)



**Item no.: 793-5501/000-007**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-007](http://www.wago.com/793-5501/000-007)



**Item no.: 793-5501/000-012**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)



**Item no.: 793-5501/000-017**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)



**Item no.: 793-5501/000-023**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)



**Item no.: 793-5501/000-024**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)

### Carrier rail



**Item no.: 210-198**  
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

[www.wago.com/210-198](http://www.wago.com/210-198)

### Jumper



**Item no.: 285-495**  
Adjacent jumper; insulated; Nominal current 232 A for 1 jumper; Nominal current 192 A for 2 to 4 jumpers

[www.wago.com/285-495](http://www.wago.com/285-495)

### General accessories



**Item no.: 249-105**  
Group marker carrier

[www.wago.com/249-105](http://www.wago.com/249-105)



**Item no.: 285-172**  
Hex wrench with partially insulated shaft

[www.wago.com/285-172](http://www.wago.com/285-172)



**Item no.: 285-407**  
Power tap; for 95 mm<sup>2</sup> high-current tbs

[www.wago.com/285-407](http://www.wago.com/285-407)

### assembling



**Item no.: 210-148**  
Angled support bracket; without screw

[www.wago.com/210-148](http://www.wago.com/210-148)



**Item no.: 249-117**  
Screwless end stop; 10 mm wide

[www.wago.com/249-117](http://www.wago.com/249-117)



**Item no.: 249-197**  
Screwless end stop; 14 mm wide

[www.wago.com/249-197](http://www.wago.com/249-197)

### ferrule



**Item no.: 216-413**  
Ferrule; Sleeve for 25 mm<sup>2</sup> / AWG 4; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

[www.wago.com/216-413](http://www.wago.com/216-413)



**Item no.: 216-414**  
Ferrule; Sleeve for 35 mm<sup>2</sup> / AWG 2; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

[www.wago.com/216-414](http://www.wago.com/216-414)



**Item no.: 216-424**  
Ferrule; Sleeve for 35 mm<sup>2</sup> / AWG 2; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

[www.wago.com/216-424](http://www.wago.com/216-424)



**Item no.: 216-425**  
Ferrule; Sleeve for 50 mm<sup>2</sup> / AWG 1; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

[www.wago.com/216-425](http://www.wago.com/216-425)



**Item no.: 216-435**  
Ferrule; Sleeve for 50 mm<sup>2</sup> / AWG 1; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

[www.wago.com/216-435](http://www.wago.com/216-435)

### protection



**Item no.: 285-169**

Finger guard; touchproof cover protects unused conductor entries and jumper slots; for 95 mm<sup>2</sup> high-current tbs [www.wago.com/285-169](http://www.wago.com/285-169)



**Item no.: 285-170**

Protective warning marker; with high-voltage symbol, black [www.wago.com/285-170](http://www.wago.com/285-170)

## Downloads

### Documentation

#### Bid Text

|         |             |                |          |
|---------|-------------|----------------|----------|
| 285-199 | Mar 9, 2018 | DOC<br>25.6 kB | Download |
|---------|-------------|----------------|----------|

## smartDATA

### CAD data

|                     |     |          |
|---------------------|-----|----------|
| 3D Download 285-199 | URL | Download |
|---------------------|-----|----------|

## Product family

### POWER CAGE CLAMP

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Subject to changes.