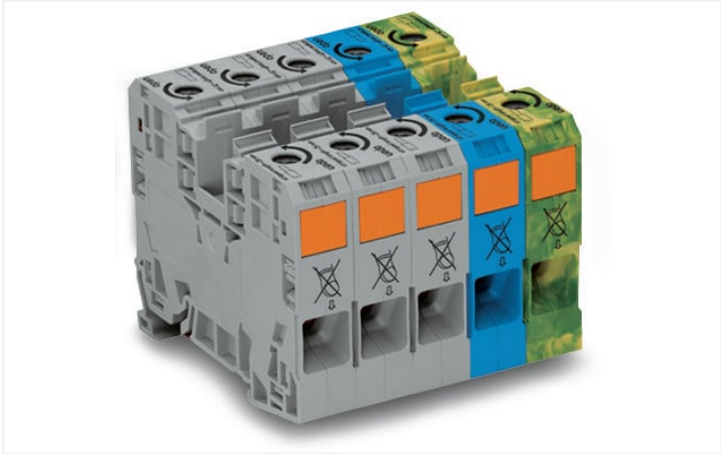


Data Sheet | Item Number: 285-139

Three phase set; with 35 mm² high-current tbs; only for DIN 35 x 15 rail; copper; 35 mm²; POWER CAGE CLAMP; 35,00 mm²; gray/blue/green-yellow

<https://www.wago.com/285-139>



Color: gray/blue/green-yellow

This item includes:

|                                                                                                                                |                                                                                                                                |                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                |                                                                                                                                |                                                                                                                                       |
| <a href="#">Item No.: 285-134</a> 1                                                                                            | <a href="#">Item No.: 285-135</a> 3                                                                                            | <a href="#">Item No.: 285-137</a> 1                                                                                                   |
| 2-conductor through terminal block; 35 mm²; lateral marker slots; only for DIN 35 x 15 rail; POWER CAGE CLAMP; 35,00 mm²; blue | 2-conductor through terminal block; 35 mm²; lateral marker slots; only for DIN 35 x 15 rail; POWER CAGE CLAMP; 35,00 mm²; gray | 2-conductor ground terminal block; 35 mm²; lateral marker slots; only for DIN 35 x 15 rail; POWER CAGE CLAMP; 35,00 mm²; green-yellow |

Electrical data

| Ratings per IEC/EN 60947-7-1 |        |     |    | Approvals per UL 1059 |       |       |   |
|------------------------------|--------|-----|----|-----------------------|-------|-------|---|
| Overvoltage category         | III    | III | II | Use group             | B     | C     | D |
| Pollution degree             | 3      | 2   | 2  | Rated voltage         | 600 V | 600 V | - |
| Nominal voltage              | 1000 V | -   | -  | Rated current         | 115 A | 115 A | - |
| Rated surge voltage          | 8 kV   | -   | -  |                       |       |       |   |
| Rated current                | -      | -   | -  |                       |       |       |   |

| Approvals per CSA 22.2 No 158 |       |       |   |
|-------------------------------|-------|-------|---|
| Use group                     | B     | C     | D |
| Rated voltage                 | 600 V | 600 V | - |
| Rated current                 | 115 A | -     | - |

Connection data

|                            |    |                                                   |                             |
|----------------------------|----|---------------------------------------------------|-----------------------------|
| Connection points          | 10 | Connection 1                                      |                             |
| Total number of potentials | 5  | Connection technology                             | POWER CAGE CLAMP            |
| Number of levels           | 1  | Actuation type                                    | Operating tool              |
|                            |    | Connectable conductor materials                   | Copper                      |
|                            |    | Nominal cross-section                             | 35 mm²                      |
|                            |    | Solid conductor                                   | 6 ... 35 mm² / 10 ... 2 AWG |
|                            |    | Stranded conductor                                | 6 ... 35 mm² / 10 ... 2 AWG |
|                            |    | Fine-stranded conductor                           | 6 ... 35 mm² / 10 ... 2 AWG |
|                            |    | Fine-stranded conductor; with insulated ferrule   | 6 ... 35 mm² / 8 ... 2 AWG  |
|                            |    | Fine-stranded conductor; with uninsulated ferrule | 6 ... 35 mm² / 8 ... 2 AWG  |



| Connection 1     |                     |
|------------------|---------------------|
| Strip length     | 25 mm / 0.98 inches |
| Wiring direction | Side-entry wiring   |

| Physical data                     |                      |
|-----------------------------------|----------------------|
| Width                             | 80 mm / 3.15 inches  |
| Height                            | 86 mm / 3.386 inches |
| Depth from upper-edge of DIN-rail | 63 mm / 2.48 inches  |

| Mechanical data |                                                         |
|-----------------|---------------------------------------------------------|
| Design          | horizontal type                                         |
| Mounting type   | DIN-35 rail                                             |
| Mounting (note) | only suitable for DIN 35 x 15 copper rail; 2.3 mm thick |
| Marking level   | Side marking                                            |

| Material data               |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| Note (material data)        | <a href="#">Information on material specifications can be found here</a> |
| Color                       | gray/blue/green-yellow                                                   |
| Material group              | I                                                                        |
| Insulation material         | Polyamide (PA66)                                                         |
| Flammability class per UL94 | V0                                                                       |
| Fire load                   | 5.177 MJ                                                                 |
| Halogen-free                | Yes                                                                      |
| Weight                      | 425.7 g                                                                  |

| Environmental requirements       |                 |
|----------------------------------|-----------------|
| Processing temperature           | -35 ... +85 °C  |
| Continuous operating temperature | -60 ... +105 °C |

| Commercial data       |                                  |
|-----------------------|----------------------------------|
| Product Group         | 1 (Rail Mounted Terminal Blocks) |
| eCl@ss 10.0           | 27-14-11-06                      |
| eCl@ss 9.0            | 27-14-11-06                      |
| ETIM 8.0              | EC001284                         |
| ETIM 7.0              | EC001284                         |
| PU (SPU)              | 1 pcs                            |
| Packaging type        | Box                              |
| Country of origin     | DE                               |
| GTIN                  | 4045454584252                    |
| Customs tariff number | 85369010000                      |



| Environmental Product Compliance |                        |
|----------------------------------|------------------------|
| RoHS Compliance Status           | Compliant,No Exemption |

Approvals / Certificates

| General approvals                                                                                                                                                                                                                                                        |               |                  | Declarations of conformity and manufacturer's declarations |          |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|------------------------------------------------------------|----------|------------------|
| <div><div></div></div> |               |                  |                                                            |          |                  |
| Approval                                                                                                                                                                                                                                                                 | Standard      | Certificate Name | Approval                                                   | Standard | Certificate Name |
| CCA<br>DEKRA Certification B.V.                                                                                                                                                                                                                                          | EN 60947      | NTR NL-7707      | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| CSA<br>DEKRA Certification B.V.                                                                                                                                                                                                                                          | C22.2 No. 158 | 154112           | UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| KEMA/KEUR<br>DEKRA Certification B.V.                                                                                                                                                                                                                                    | EN 60947      | 71-105562        |                                                            |          |                  |

Downloads

| Environmental Product Compliance            |                                                                                    |
|---------------------------------------------|------------------------------------------------------------------------------------|
| Compliance Search                           |                                                                                    |
| Environmental Product<br>Compliance 285-139 |  |

Documentation

| Bid Text |            |                 |                                                                                     |
|----------|------------|-----------------|-------------------------------------------------------------------------------------|
| 285-139  | 19.02.2019 | xml<br>3.34 KB  |  |
| 285-139  | 04.01.2018 | doc<br>25.00 KB |  |

CAD/CAE-Data

| CAD data             |                                                                                     | CAE data                  |                                                                                       |
|----------------------|-------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------|
| 2D/3D Models 285-139 |  | WSCAD Universe<br>285-139 |  |
|                      |                                                                                     | ZUKEN Portal 285-139      |  |



1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover



**Item No.: 285-421**  
Finger guard; touchproof cover protects unused conductor entries; for 35 mm<sup>2</sup> high-current tbs; yellow

1.1.2 DIN-rail

1.1.2.1 Mounting accessories



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



**Item No.: 210-508**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored



**Item No.: 210-197**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



**Item No.: 210-506**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored



**Item No.: 210-114**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



**Item No.: 210-118**  
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

1.1.3 Ferrule

1.1.3.1 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; silver-colored



**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; silver-colored

1.1.4 Installation

1.1.4.1 Mounting accessories



**Item No.: 249-117**  
Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray



**Item No.: 249-197**  
Screwless end stop; 14 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.1.5 Jumper

1.1.5.1 Jumper



Item No.: 285-435  
Jumper; insulated; gray

1.1.6 Marking

1.1.6.1 Group marker carrier



Item No.: 249-105  
Group marker carrier; gray

1.1.6.2 Marker



Item No.: 793-5501/000-006  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 793-5501/000-014  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown



Item No.: 793-5501/000-007  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray



Item No.: 793-5501/000-023  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item No.: 793-5501/000-017  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item No.: 793-5501/000-012  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 793-5501/000-005  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red



Item No.: 793-5501/000-024  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



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; white



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; yellow



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



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



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



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



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



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



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



Item No.: 793-501  
WMB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 793-501/000-002  
WMB marking card; as card; not stretchable; plain; snap-on type; yellow



Item No.: 2009-115/000-006  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 2009-115/000-007  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



Item No.: 2009-115/000-023  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item No.: 2009-115/000-017  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item No.: 2009-115/000-012  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 2009-115/000-005  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red



Item No.: 2009-115/000-024  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item No.: 2009-115  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 2009-115/000-002  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.1.6.3 Marker carrier



[Item No.: 285-442](#)  
Adaptor; gray

1.1.6.4 Marking strip



[Item No.: 2009-110](#)  
Marking strips; for Smart Printer; on reel;  
not stretchable; plain; snap-on type; white

1.1.7 Power tap

1.1.7.1 Power tap



[Item No.: 285-427](#)  
Power tap; for 35 mm² high-current tbs;  
Module width 8 mm; 6,00 mm²; gray



[Item No.: 283-407](#)  
Power tap; with 500 mm cable; for 16 mm²  
(283/783 Series) and 35 mm²; gray

1.1.8 Protective warning marker

1.1.8.1 Cover



[Item No.: 285-420](#)  
Protective warning marker; with high-vol-  
tage symbol, black; yellow

1.1.9 Test and measurement

1.1.9.1 Testing accessories



[Item No.: 283-404](#)  
Test plug adapter; 11.6 mm wide; for 4 mm  
Ø test plugs; gray

1.1.10 Tool

1.1.10.1 Operating tool



[Item No.: 210-721](#)  
Operating tool; Blade: 5.5 x 0.8 mm; with a  
partially insulated shaft; multicoloured