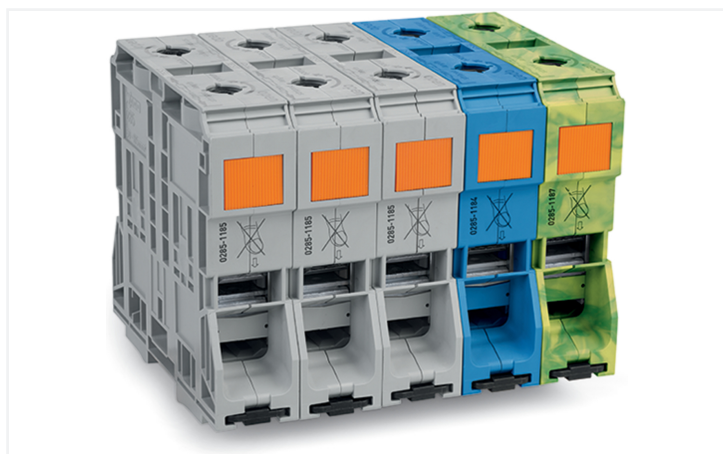


Data Sheet | Item Number: 285-1169

Three phase set; with 185/120 mm² high-current tbs; only for DIN 35 x 15 rail; copper; 185 mm²; POWER CAGE CLAMP; 185,00 mm²; gray/blue/green-yellow

<https://www.wago.com/285-1169>



Color: gray/blue/green-yellow

High-current terminal block, 285 Series, t-wrench und 8 mm

Easy electrical installations are guaranteed with this three-phase set (item number 285-1169). Ensure that the strip lengths are between 45 and 47 mm when connecting conductors to this three-phase set. This product features conductor terminals and utilizes POWER CAGE CLAMP. The POWER CAGE CLAMP is perfect for connecting large conductor cross-sections. This universal connector is both reliable and maintenance-free. What's more, you can use it to connect all types of conductors and the clamping point can be locked open, making it easier to use. You do not need to use a torque wrench or prepare the conductor. For example, crimping ferrules is not necessary. Depending on the conductor type, this three-phase set is suitable for conductor cross sections ranging from 50 mm² to 185 mm².

This item includes:



Item No.: 285-1184

1

2-conductor through terminal block; 185 mm²; lateral marker slots; only for DIN 35 x 15 rail; POWER CAGE CLAMP; 185,00 mm²; blue

Item No.: 285-1185

3

2-conductor through terminal block; 185 mm²; lateral marker slots; only for DIN 35 x 15 rail; POWER CAGE CLAMP; 185,00 mm²; gray

Item No.: 285-1187

1

2-conductor ground terminal block; 120 mm²; lateral marker slots; only for DIN 35 x 15 rail; 2.3 mm thick; copper; POWER CAGE CLAMP; 120,00 mm²; green-yellow

Notes

Safety Information

Ground conductors up to max. 120 mm² can be connected in compliance with IEC 60947-7-2.

Electrical data

| Ratings per | IEC/EN 60947-7-1 | | |
|---------------------------------|------------------|-----|----|
| Oversvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Nominal voltage | 1000 V | - | - |
| Rated impulse withstand voltage | 12 kV | - | - |
| Rated current | 353 A | - | - |

| Ratings per IEC/EN 2 | |
|---|--------|
| Rated voltage (III / 3) | 1500 V |
| Rated impulse withstand voltage (III/3) | 12 kV |

| Approvals per | | UL 1059 | | |
|---------------|--|---------|-------|---|
| Use group | | B | C | D |
| Rated voltage | | 600 V | 600 V | - |
| Rated current | | 310 A | 310 A | - |

| Approvals per | | CSA 22.2 No 158 | | |
|---------------|--|-----------------|--------|---|
| Use group | | B | C | D |
| Rated voltage | | 1000 V | 1000 V | - |
| Rated current | | 310 A | - | - |

| General information | |
|---------------------|-------------------|
| Wiring direction | Side-entry wiring |

Connection Data

| | |
|----------------------------|----|
| Clamping units | 10 |
| Total number of potentials | 5 |
| Number of levels | 1 |

| Connection 1 | |
|---|--|
| Connection technology | POWER CAGE CLAMP |
| Actuation type | T-wrench; 8 mm |
| Connectable conductor materials | Copper |
| Nominal cross-section | 185 mm ² / 350 kcmil |
| Solid conductor | 50 ... 185 mm ² / 1/0 AWG ... 350 kcmil |
| Stranded conductor | 50 ... 185 mm ² / 1/0 AWG ... 350 kcmil |
| Fine-stranded conductor | 50 ... 185 mm ² / 1/0 AWG ... 350 kcmil |
| Fine-stranded conductor; with insulated ferrule | 50 ... 150 mm ² / 1/0 AWG ... 250 kcmil |
| Fine-stranded conductor; with uninsulated ferrule | 50 ... 185 mm ² / 1/0 AWG ... 350 kcmil |
| Strip length | 45 ... 47 mm / 1.77 ... 1.85 inches |
| Wiring direction | Side-entry wiring |

Physical data

| | |
|-----------------------------------|-----------------------|
| Width | 160 mm / 6.299 inches |
| Height | 130 mm / 5.118 inches |
| Depth from upper-edge of DIN-rail | 116 mm / 4.567 inches |

Mechanical data

| | |
|-----------------|------------------------------------|
| Design | horizontal type |
| Mounting type | DIN-35 x 15 rail |
| Mounting (note) | only suitable for DIN 35 x 15 rail |
| Marking level | Side marking |

Material data

| | |
|------------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | gray/blue/green-yellow |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 21.786 MJ |
| Halogen-free | Yes |
| Weight | 2764.9 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|----------------------------------|
| Product Group | 1 (Rail Mounted Terminal Blocks) |
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4055143074322 |
| Customs tariff number | 85369010000 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 39121410 |
| eCl@ss 10.0 | 27-14-11-06 |
| eCl@ss 9.0 | 27-14-11-06 |
| ETIM 9.0 | EC001284 |
| ETIM 10.0 | EC001284 |
| ECCN | NO US CLASSIFICATION |

Environmental Product Compliance

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

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|---------------------------------------|----------|------------------|
| CCA DEKRA Certification B.V. | EN 60947 | NTR NL 7965 |
| CSA CSA Group | C22.2 | 1151144 |
| KEMA/KEUR DEKRA Certification B.V. | EN 60947 | 71-126013 |

Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|--|----------|------------------|
| EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Approvals for marine applications



| Approval | Standard | Certificate Name |
|------------------------------------|----------|------------------|
| ABS American Bureau of Shipping | EN 60947 | 24-0152298-PDA |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 285-1169



Documentation

Bid Text

| | | | |
|----------|------------|-----------------|--|
| 285-1169 | 19.02.2019 | xml 3.93 KB | |
| 285-1169 | 04.01.2018 | doc 25.50 KB | |

CAD/CAE-Data

CAD data

2D/3D Models
285-1169



1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover



Item No.: 285-1178

Finger guard; touchproof cover protects unused conductor entries and jumper slots; for 185 mm² high-current terminal blocks; yellow

1.1.2 Current and voltage tap

1.1.2.1 Current and voltage tap



Item No.: 855-1851/350-000

Current and voltage tap up to 185 mm²; Primary rated current: 350 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; fused

1.1.3 DIN-rail

1.1.3.1 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

1.1.4 Ferrule

1.1.4.1 Ferrule



Item No.: 216-445

Ferrule; uninsulated; electro-tin plated

1.1.5 Installation

1.1.5.1 Mounting accessories



Item No.: 285-1179

Fixing element; for 185 mm² high-current terminal blocks; orange



Item No.: 249-197

Screwless end stop; 14 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.1.6 Jumper

1.1.6.1 Jumper



Item No.: 285-1171

Jumper; insulated; gray

1.1.7 Marking

1.1.7.1 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

1.1.7.1 Marker



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.: 2009-115/000-024
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

1.1.7.2 Marking strip



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

1.1.8 Power tap

1.1.8.1 Power tap



Item No.: 285-1175
Power tap; for 185 mm² high-current terminal blocks; gray

1.1.9 Protective warning marker

1.1.9.1 Cover



Item No.: 285-1177
Protective warning marker; with high-voltage symbol, black; yellow



Item No.: 285-1176
Protective warning marker; yellow

1.1.10 Tool

1.1.10.1 Operating tool



[Item No.: 285-172](#)

Allen wrench; with a partially insulated shaft; green

[Item No.: 285-173](#)

Allen wrench; with a partially insulated shaft; with anti-rotation protection; green