

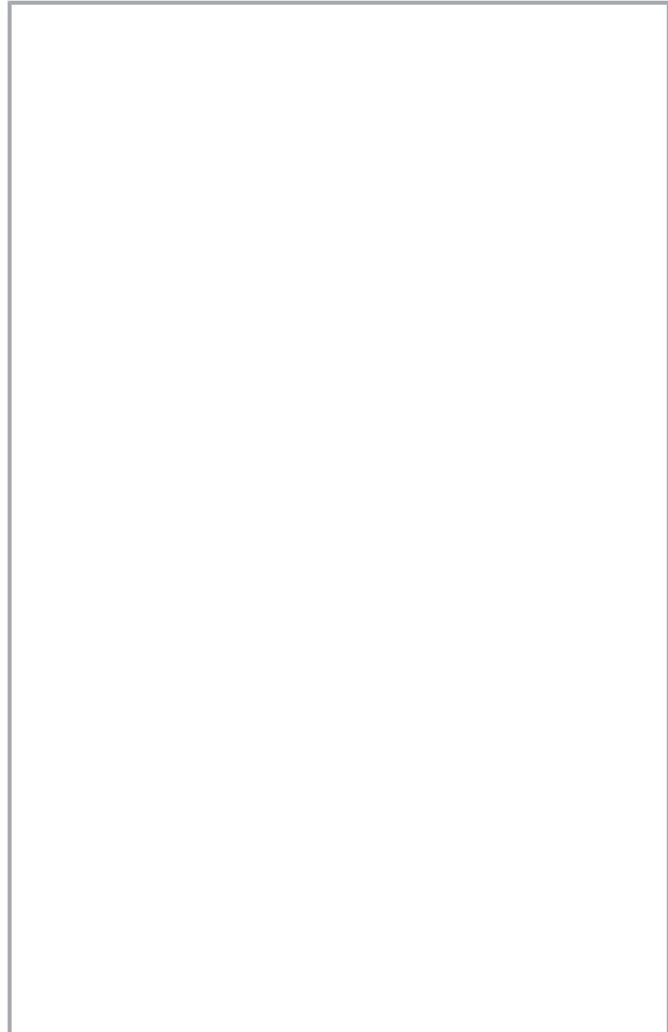
**Data sheet | Item number: 285-1161**

2-conductor through terminal block; 185 mm<sup>2</sup>; lateral marker slots; with fixing flanges; POWER CAGE CLAMP; 185,00 mm<sup>2</sup>; gray

[www.wago.com/285-1161](http://www.wago.com/285-1161)



Color:



**Data**

**Electrical data**

Subject to changes. Please also observe the further product documentation!

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### Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	1000 V
Rated impulse voltage (III/3)	12 kV
Rated current	353 A
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

### Ratings per IEC/EN 2

Rated voltage (III/3) 2	1500 V
Rated surge voltage (III/3) 2	12 kV

### Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	310 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	310 A

### Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	1000 V
Rated current CSA (Use Group B)	310 A
Rated voltage CSA (Use Group C)	1000 V
Rated current CSA (Use Group D)	310 A

### Power Loss

Power loss, per pole (potential)	11.215 W
Rated current $I_N$ for specified power loss	353 A
Resistance value for specified, current-dependent power loss	9 $\Omega$

### General information

Voltage type 1	AC/DC
Voltage type 2	DC

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## Connection data

Connection points	2
Total number of potentials	1
Number of levels	1
Number of jumper slots	2

## Connection 1

Connection technology	POWER CAGE CLAMP
Actuation type	T-wrench; 8 mm
Connectable conductor materials	Copper
Nominal cross-section	185 mm <sup>2</sup> / 350 kcmil
Solid conductor	50 ... 185 mm <sup>2</sup> / 1/0 AWG ... 350 kcmil
Stranded conductor	50 ... 185 mm <sup>2</sup> / 1/0 AWG ... 350 kcmil
Fine-stranded conductor	50 ... 185 mm <sup>2</sup> / 1/0 AWG ... 350 kcmil
Fine-stranded conductor; with insulated ferrule	50 ... 150 mm <sup>2</sup> / 1/0 AWG ... 300 kcmil
Fine-stranded conductor; with uninsulated ferrule	50 ... 185 mm <sup>2</sup> / 1/0 AWG ... 350 kcmil
Strip length	45 ... 47 mm / 1.77 ... 1.85 inches
Wiring direction	Side-entry wiring

## Physical data

Width	32 mm / 1.26 inches
Height from the surface	123 mm / 4.843 inches
Depth	170 mm / 6.693 inches

## Mechanical Data

Mounting type	Mounting flange
Marking level	Side marking

## Material Data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0

Subject to changes. Please also observe the further product documentation!



Fire load	5.446 MJ
Weight	552 g

### Environmental requirements

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

### Commercial data

eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	4 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143424141
Customs tariff number	85369010000

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CCA</b> DEKRA Certification B.V.	EN 60947	NTR NL 7965
	<b>CSA</b> DEKRA Certification B.V.	C22.2	154112
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 60947	71- 126013
	<b>UL</b> Underwriters Laboratories Inc.	UL 1059	E45172

#### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

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UK-Declaration of Conformity  
WAGO GmbH & Co. KG

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#### Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	EN 60947	20- HG1941090- PDA

#### Optional accessories

##### Voltage tap

Power tap		
	<b>Item no.: 285-1175</b> Power tap; for 185 mm <sup>2</sup> high-current terminal blocks; 10,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/285-1175">www.wago.com/285-1175</a>

##### Marking accessories

Marking strip		
	<b>Item no.: 2009-110</b> Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>

##### Marker

	<b>Item no.: 2009-115/000-002</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a>
	<b>Item no.: 2009-115/000-007</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a>
	<b>Item no.: 2009-115/000-017</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green	<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> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<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> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a>
	<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
	<b>Item no.: 793-5501/000-007</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/793-5501/000-007">www.wago.com/793-5501/000-007</a>

Subject to changes. Please also observe the further product documentation!

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<b>Item no.: 793-5501/000-012</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/793-5501/000-012">www.wago.com/793-5501/000-012</a>
<b>Item no.: 793-5501/000-014</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown	<a href="http://www.wago.com/793-5501/000-014">www.wago.com/793-5501/000-014</a>
<b>Item no.: 793-5501/000-017</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green	<a href="http://www.wago.com/793-5501/000-017">www.wago.com/793-5501/000-017</a>
<b>Item no.: 793-5501/000-023</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/793-5501/000-023">www.wago.com/793-5501/000-023</a>
<b>Item no.: 793-5501/000-024</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/793-5501/000-024">www.wago.com/793-5501/000-024</a>
<b>Item no.: 793-501/000-002</b> WMB marking card; as card; not stretchable; plain; snap-on type; yellow	<a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>
<b>Item no.: 793-501/000-007</b> WMB marking card; as card; not stretchable; plain; snap-on type; gray	<a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>
<b>Item no.: 793-501/000-017</b> WMB marking card; as card; not stretchable; plain; snap-on type; light green	<a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>
<b>Item no.: 793-501/000-012</b> WMB marking card; as card; not stretchable; plain; snap-on type; orange	<a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>
<b>Item no.: 793-501/000-023</b> WMB marking card; as card; not stretchable; plain; snap-on type; green	<a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>
<b>Item no.: 793-501/000-006</b> WMB marking card; as card; not stretchable; plain; snap-on type; blue	<a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>
<b>Item no.: 793-501/000-005</b> WMB marking card; as card; not stretchable; plain; snap-on type; red	<a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a>
<b>Item no.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>

Subject to changes. Please also observe the further product documentation!

**Item no.: 793-501/000-024**

WMB marking card; as card; not stretchable; plain; snap-on type; violet

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

[www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)**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

[www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)**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

[www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)**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

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

[www.wago.com/2009-115/000-012](http://www.wago.com/2009-115/000-012)**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

[www.wago.com/2009-115/000-006](http://www.wago.com/2009-115/000-006)**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

[www.wago.com/2009-115/000-005](http://www.wago.com/2009-115/000-005)**Current and Voltage Taps**

## Current and voltage tap

**Item no.: 855-1851/350-000**Current and voltage tap up to 185 mm<sup>2</sup>; Primary rated current: 350 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; fused[www.wago.com/855-1851/350-000](http://www.wago.com/855-1851/350-000)**Jumpers**

## Jumper

**Item no.: 285-1171**

Jumper; insulated; gray

[www.wago.com/285-1171](http://www.wago.com/285-1171)**Tool**

## Operating tool

**Item no.: 285-172**

Allen wrench; with a partially insulated shaft; green

[www.wago.com/285-172](http://www.wago.com/285-172)**Item no.: 285-173**

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

[www.wago.com/285-173](http://www.wago.com/285-173)**Mounting**

Subject to changes. Please also observe the further product documentation!

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## Mounting accessories

**Item no.: 285-1179**Fixing element; for 185 mm<sup>2</sup> high-current terminal blocks; orange[www.wago.com/285-1179](http://www.wago.com/285-1179)

## Protective warning marker

## Cover

**Item no.: 285-1177**

Protective warning marker; with high-voltage symbol, black; yellow

[www.wago.com/285-1177](http://www.wago.com/285-1177)**Item no.: 285-1176**

Protective warning marker; yellow

[www.wago.com/285-1176](http://www.wago.com/285-1176)

## Cover

## Cover

**Item no.: 285-1178**Finger guard; touchproof cover protects unused conductor entries and jumper slots; for 185 mm<sup>2</sup> high-current terminal blocks; yellow[www.wago.com/285-1178](http://www.wago.com/285-1178)

## Ferrule

## 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[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; silver-colored[www.wago.com/216-414](http://www.wago.com/216-414)**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.: 216-424**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; silver-colored[www.wago.com/216-424](http://www.wago.com/216-424)**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)

## Downloads

## Documentation

## Bid Text

285-1161 X81 - Datei	2019 年2月19日	xml 4.0 kB	Download
285-1161 doc - Datei	2018 年1月4日	doc 26.1 kB	Download

## Additional Information

Subject to changes. Please also observe the further product documentation!

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## CAD/CAE-Data

### CAE data

ZUKEN Portal 285-1161	URL	Download
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EPLAN Data Portal 285-1161	URL	Download
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### CAD data

2D/3D Models 285-1161	URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 285-1161	URL	Download
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2-conductor through terminal block; 185 mm<sup>2</sup>; lateral marker slots; with fixing flanges; POWER CAGE CLAMP; 185,00 mm<sup>2</sup>; gray

## Installation Notes

### Installation



Optionally, insert block-to-block connector (285-1179) into housing slot.



Align and snap high-current, through terminal blocks together.

Subject to changes. Please also observe the further product documentation!



Secure the terminal block to a mounting plate using two M8 cylinder-head screws and appropriate washers.

Subject to changes. Please also observe the further product documentation!