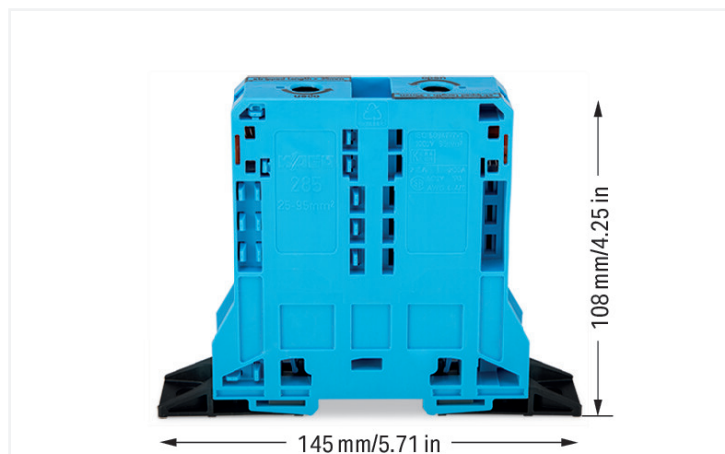


## Data Sheet | Item Number: 285-184

2-conductor through terminal block; 95 mm<sup>2</sup>; lateral marker slots; with fixing flanges; POWER CAGE CLAMP; 95,00 mm<sup>2</sup>; blue

<https://www.wago.com/285-184>



Color: ■ blue

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

Easily, quickly and safely connect conductors with this through terminal block (item number 285-184). Strip lengths must be 35 mm when connecting conductors to this through terminal block. Featuring conductor terminals along with POWER CAGE CLAMP, this connector delivers reliable performance. 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 type of conductor, this through terminal block is suitable for conductor cross sections ranging from 25 mm<sup>2</sup> to 95 mm<sup>2</sup>.

### Electrical data

Ratings per	IEC/EN 60947-7-1		
Overtoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	1000 V	-	-
Rated impulse withstand voltage	12 kV	-	-
Rated current	232 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	200 A	200 A	-

Approvals per	CSA 22.2 No 158		
Use group	B	C	D
Rated voltage	1000 V	1000 V	-
Rated current	210 A	-	-

Power Loss	
Power loss, per pole (potential)	7.5354 W
Rated current $I_N$ for power loss specification	232 A
Resistance value for specified, current-dependent power loss	0.00014 Ω

General information	
Voltage type 1	AC/DC
Voltage type 2	DC
Wiring direction	Side-entry wiring

### Connection Data

Clamping units	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	95 mm <sup>2</sup>
Solid conductor	25 ... 95 mm <sup>2</sup> / 4 ... 4/0 AWG
Stranded conductor	25 ... 95 mm <sup>2</sup> / 4 ... 4/0 AWG
Fine-stranded conductor	25 ... 95 mm <sup>2</sup> / 4 ... 4/0 AWG
Fine-stranded conductor; with insulated ferrule	25 ... 95 mm <sup>2</sup> / 4 ... 4/0 AWG
Fine-stranded conductor; with uninsulated ferrule	25 ... 95 mm <sup>2</sup> / 4 ... 4/0 AWG
Strip length	35 mm / 1.38 inches
Wiring direction	Side-entry wiring

### Physical data

Width	25 mm / 0.984 inches
Height from the surface	108 mm / 4.252 inches
Depth	145 mm / 5.709 inches

### Mechanical data

Mounting type	Mounting flange
Mounting type	Panel mounting
Marking level	Side marking

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	blue
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	3.22 MJ
Weight	268 g

### Environmental requirements

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

### Commercial data

PU (SPU)	5 pcs
Packaging type	Box
Country of origin	PL
GTIN	4055143583947
Customs tariff number	85369010000

**Product Classification**

UNSPSC	39121410
eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 9.0	EC000897
ETIM 10.0	EC000897
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

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

**General approvals** **Declarations of conformity and manufacturer's declarations**



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7707
CSA CSA Group	C22.2	1151144
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-105562

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

**Approvals for marine applications**



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	24-0152298-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2
PRS Polski Rejestr Statków	-	TE/1094/880590/23

**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>
Environmental Product Compliance 285-184

## Documentation

Bid Text			
285-184	19.02.2019	xml 3.19 KB	<a href="#">↓</a>
285-184	04.01.2018	doc 23.50 KB	<a href="#">↓</a>

## CAD/CAE-Data

CAD data	
2D/3D Models 285-184	<a href="#">↓</a>

CAE data	
EPLAN Data Portal 285-184	<a href="#">↓</a>
ZUKEN Portal 285-184	<a href="#">↓</a>

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Cover

##### 1.1.1.1 Cover



**Item No.: 285-169**

Finger guard; touchproof cover protects unused conductor entries and jumper slots; for 95 mm<sup>2</sup> high-current tbs; yellow

#### 1.1.2 Current and voltage tap

##### 1.1.2.1 Current and voltage tap



**Item No.: 855-951/250-000**

Current and voltage tap up to 95 mm<sup>2</sup>; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; fused

#### 1.1.3 Ferrule

##### 1.1.3.1 Ferrule



**Item No.: 216-435**

Ferrule; Sleeve for 50 mm<sup>2</sup> / AWG 1; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

### 1.1.4 Installation

#### 1.1.4.1 Mounting accessories



**Item No.: 285-168**

Fixing element; for 95 mm<sup>2</sup> high-current terminal blocks; orange

### 1.1.5 Jumper

#### 1.1.5.1 Jumper



**Item No.: 285-495**

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

### 1.1.6.2 Marker



**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

### 1.1.7 Power tap

#### 1.1.7.1 Power tap



**Item No.: 285-407**

Power tap; for 95 mm<sup>2</sup> high-current tbs; gray

### 1.1.8 Protective warning marker

#### 1.1.8.1 Cover



**Item No.: 285-170**

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



**Item No.: 285-175**

Protective warning marker; yellow

### 1.1.9 Tool

#### 1.1.9.1 Operating tool



**Item No.: 285-172**

Allen wrench; with a partially insulated shaft; green

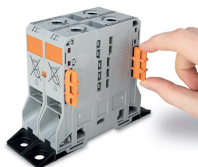


**Item No.: 285-173**

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

## Installation Notes

### Installation



Optionally, insert block-to-block connector (285-168) into housing slot.



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



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

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Current addresses can be found at: [www.wago.com](http://www.wago.com)