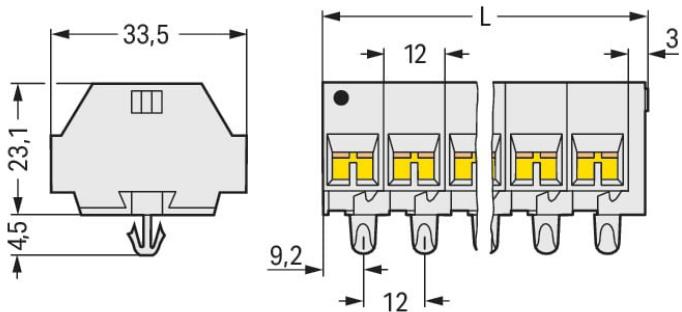




Color: light gray

Similar to illustration

L = (pole no. x pole width) + 3 mm • End terminal block



Dimensions in mm

Through terminal block, 262 Series, CAGE CLAMP®

Our through terminal block (item number 262-285) makes connections quick and easy. Whether for industrial or building applications, you can use our through terminal blocks to connect electrical conductors quickly and safely. We offer variants for both classic through-wiring and potential distribution. Ensure that the strip lengths are between 9 mm and 10 mm when connecting conductors to this through terminal block. This product features conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection offers a reliable and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. This through terminal block is suitable for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 4 mm<sup>2</sup>. It has one level. You can connect five potentials / five poles using the twenty clamping points. The light gray housing is made of polyamide (PA66) for insulation. This mini rail-mount terminal block is operated with an operating tool. The side-entry wiring makes it possible to connect copper conductors.

## Electrical data

### Ex information

Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	30 A

## Connection data

Clamping units	20
Total number of potentials	5
Number of levels	1

### Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Fine-stranded conductor	0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches
Pole number	5
Wiring direction	Side-entry wiring

**Physical data**

Width	63 mm / 2.48 inches
Height	33.5 mm / 1.319 inches
Height from the surface	23 mm / 0.909 inches
Depth	27.5 mm / 1.083 inches
Module width	12 mm / 0.472 inches

**Mechanical data**

Design	horizontal type
Mounting type	Snap-in foot
Marking level	Side marking

**Material data**

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	light gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.607 MJ
Halogen-free	Yes
Weight	36.7 g

**Environmental requirements**

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

**Commercial data**

eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 8.0	EC001284
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918639194
Customs tariff number	85369010000

**Environmental Product Compliance**

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

## General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	70010891
UR Underwriters Laboratories Inc.	UL 1059	E45172

## Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
ATEX-Attestation of Conformity	-	-

WAGO GmbH & Co. KG

## Approvals for hazardous areas



Approval	Standard	Certificate Name
AEx UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt	UL 60079	E185892 (AEx e II resp. Ex e II)
ATEX Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 98 ATEX 3125 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
CCC CNEX	GB/T 3836.3	2020312313000186 (Ex eb IIC Gb, Ex eb I Mb)
IECEx Physikalisch Technische Bundesanstalt (PTB)	IEC 60079	IECEx PTB 04.0004U (Ex eb IIC Gb or Ex eb I Mb)
INMETRO TÜV Rheinland do Brasil Ltda.	IEC 60079	TÜV 12.1298 U

## Downloads

## Environmental Product Compliance

## Compliance Search

Environmental Product Compliance 262-285



## Documentation

## Additional Information

Technical Section	pdf 2246.92 KB	
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## Bid Text

262-285	19.02.2019	xml 3.10 KB	
262-285	17.08.2017	doc 24.50 KB	

## CAD/CAE-Data

## CAD data

2D/3D Models 262-285



## CAE data

EPLAN Data Portal  
262-285WSCAD Universe  
262-285

ZUKEN Portal 262-285



## 1 Compatible Products

## 1.1 Optional Accessories

## 1.1.1 DIN-rail

## 1.1.1.1 Mounting accessories

[Item No.: 210-154](#)

Aluminum carrier rail; 1000 mm long; 18 mm wide; 7 mm high; silver-colored

## 1.1.2 Ferrule

## 1.1.2.1 Ferrule

[Item No.: 216-241](#)Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white[Item No.: 216-141](#)Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92[Item No.: 216-242](#)Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray[Item No.: 216-262](#)Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray[Item No.: 216-142](#)Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92[Item No.: 216-243](#)Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red[Item No.: 216-263](#)Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red[Item No.: 216-143](#)Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92[Item No.: 216-244](#)Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black[Item No.: 216-264](#)Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black[Item No.: 216-284](#)Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black[Item No.: 216-144](#)Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored[Item No.: 216-289](#)Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red[Item No.: 216-209](#)Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; insulated; electro-tin plated; red[Item No.: 216-109](#)Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; un-insulated; electro-tin plated[Item No.: 216-210](#)Ferrule; Sleeve for 16 mm<sup>2</sup> / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue[Item No.: 216-110](#)Ferrule; Sleeve for 16 mm<sup>2</sup> / AWG 6; un-insulated; electro-tin plated; brown metallic[Item No.: 216-246](#)Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue[Item No.: 216-266](#)Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue[Item No.: 216-286](#)Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

### 1.1.2.1 Ferrule



#### Item No.: 216-267

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

#### Item No.: 216-287

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

#### Item No.: 216-208

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

#### Item No.: 216-288

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow



#### Item No.: 216-108

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; uninsulated; electro-tin plated; silver-colored

### 1.1.3 Installation

#### 1.1.3.1 Mounting accessories



#### Item No.: 209-137

Mounting adapter; can be used as end stop; 6.5 mm wide; gray

#### Item No.: 209-120

Mounting foot; can be snapped on terminal blocks with snap-in mounting foot; for mounting on relay-modules; 6.4 mm wide; gray

### 1.1.4 Jumper

#### 1.1.4.1 Jumper



#### Item No.: 262-402

Jumper; for conductor entry; 2-way; insulated; gray

### 1.1.5 Marking

#### 1.1.5.1 Marking strip



#### Item No.: 210-833

Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white

### 1.1.6 Tool

#### 1.1.6.1 Operating tool



#### Item No.: 210-658

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured



#### Item No.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

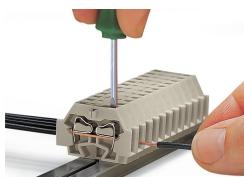


#### Item No.: 210-657

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

## Installation Notes

## Conductor termination



## CAGE CLAMP® connection

Inserting a conductor.

## Commoning



Commoning with comb-style jumper bar.

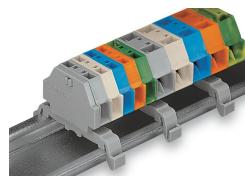
## Installation



Mounting a terminal strip with snap-in feet into holes.



Mounting a terminal strip with snap-in feet onto aluminum rail.

Terminal strip with snap-in mounting feet  
Snapping a mounting foot (209-120).  
(Distance between mounting feet: approx.  
25 ... 30 mm)Terminal strip; with snap-in mounting feet;  
for DIN-35 railTerminal strip with snap-in mounting feet,  
for 0.6 ... 1.2 mm plate thickness, 3.5 mm  
mounting hole diameter (also for 210-154  
Aluminum Rail or with 209-120 Mounting  
Foot for DIN-35 rail)

## Marking



Marking with self-adhesive marking strips.



Marking by direct printing (upon request).