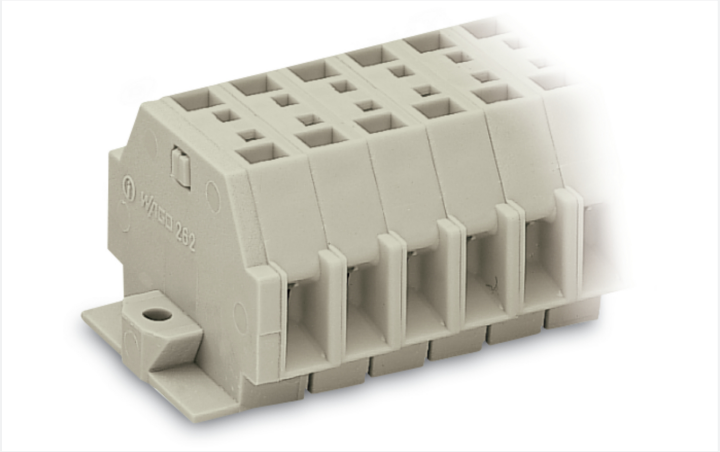
# Data Sheet | Item Number: 262-183

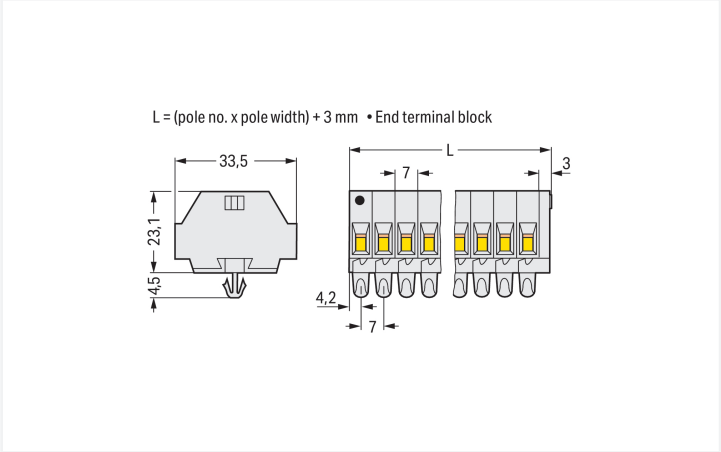
2-conductor terminal strip; without push-buttons; suitable for Ex e II applications; with snap-in mounting feet; 3-pole; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 4 mm²; CAGE CLAMP®; 4,00 mm²; light gray

https://www.wago.com/262-183



Color: light gray

Similar to illustration




Dimensions in mm

Through terminal block, 262 Series, operating tool

Connecting conductors is quick and easy with this through terminal block (item number 262-183). Strip lengths must be between 9 and 10 mm when connecting conductors to this through terminal block. Whether in industrial or building applications, our rail-mount through terminal blocks are the perfect solution to quickly and securely connect electrical conductors. Depending on the variant, you can use them for either typical through-wiring or potential distribution. This product incorporates conductor terminals and utilizes CAGE CLAMP®. Our reliable and maintenance-free CAGE CLAMP® connection makes it easy to connect all conductor types without having to prepare the conductor. For example, you don't need to crimp ferrules. The dimensions are (24 x 33.5 x 27.5) mm (width x height x depth). Depending on the conductor type, this through terminal block is ideal for conductor cross sections ranging from 0.5 mm² to 4 mm².

This mini rail-mount terminal block is operated with an operating tool.

## Electrical data

### Ex information

| | |
|---|---|
| Reference to hazardous areas | See “Downloads – Documentation – Additional Information: Technical Section; Technical Explications” |
| Rated voltage EN (Ex e II) | 550 V |
| Rated current (Ex e II) | 23 A |

### General information

| | |
|---|---|
| Wiring direction | Side-entry wiring |

## Connection Data

| | |
|---|---|
| Clamping units | 6 |
| Total number of potentials | 3 |
| Number of levels | 1 |

### Connection 1

| | |
|---|---|
| Connection technology | CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Solid conductor | 0.5 … 4 mm² / 20 … 12 AWG |
| Fine-stranded conductor | 0.5 … 4 mm² / 20 … 12 AWG |
| Strip length | 9 … 10 mm / 0.35 … 0.39 inches |
| Pole number | 3 |


Continued on next page

## Physical data

| | |
|---|---|
| Width | 24 mm / 0.945 inches |
| Height | 33.5 mm / 1.319 inches |
| Height from the surface | 23.1 mm / 0.909 inches |
| Depth | 27.5 mm / 1.083 inches |
| Module width | 7 mm / 0.276 inches |

## Mechanical data

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

## Material data

| | |
|---|---|
| Note (material data) | Information on material specifications can be found here |
| Color | light gray |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.253 MJ |
| Halogen-free | Yes |
| Weight | 13.8 g |

## Commercial data

| | |
|---|---|
| PU (SPU) | 100 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4044918642026 |
| 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 |


Continued on next page

## Approvals / Certificates

### General approvals

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

### Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|---|---|---|
| ATEX-Attestation of Conformity<br>WAGO GmbH & Co. KG | - | - |

### Approvals for hazardous areas

| Approval | Standard | Certificate Name |
|---|---|---|
| AEx<br>UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt | UL 60079 | E185892 (AEx e II resp. Ex e II) |
| ATEX<br>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<br>CNEX | GB/T 3836.3 | 2020312313000186 (Ex eb IIC Gb, Ex eb I Mb) |
| IECEx<br>Physikalisch Technische Bundesanstalt (PTB) | IEC 60079 | IECEx PTB 04.0004U (Ex eb IIC Gb or Ex eb I Mb) |
| INMETRO<br>TÜV Rheinland do Brasil Ltda. | IEC 60079 | TÜV 12.1298 U |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 262-183

### Documentation

**Bid Text**

| | | | |
|---|---|---|---|
| 262-183 | 19.02.2019 | xml<br>3.10 KB | |
| 262-183 | 17.08.2017 | doc<br>24.50 KB | |


Continued on next page

## CAD/CAE-Data

### CAD data

2D/3D Models 262-183

### CAE data

EPLAN Data Portal
262-183

WSCAD Universe
262-183

ZUKEN Portal 262-183

## 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 mm² / 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 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



Item No.: 216-242
Ferrule; Sleeve for 0.75 mm² / 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 mm² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



Item No.: 216-243
Ferrule; Sleeve for 1 mm² / 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 mm² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



Item No.: 216-244
Ferrule; Sleeve for 1.5 mm² / 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 mm² / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored



Item No.: 216-246
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

### 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



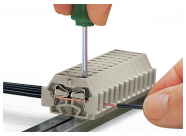
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



Item No.: 210-657
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

## Installation Notes

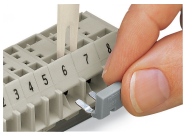
### Conductor termination



**CAGE CLAMP® connection**
Inserting a conductor.


Continued on next page

## Commoning



Commoning with comb-style jumper bar.

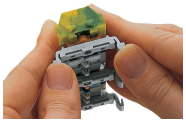
## Installation



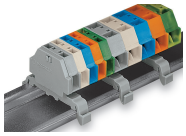
Mounting a terminal strip with snap-in feet into holes.



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 rail



Terminal 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).