

Data Sheet | Item Number: 262-189

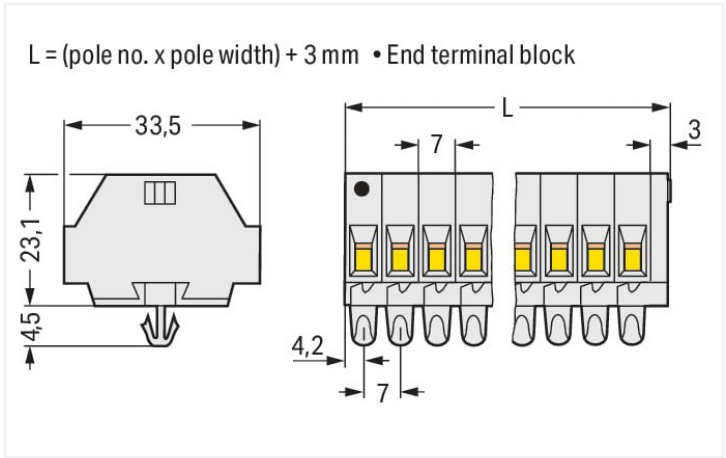
2-conductor terminal strip; without push-buttons; suitable for Ex e II applications; with snap-in mounting feet; 9-pole; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 4 mm²; CAGE CLAMP®; 4,00 mm²; light gray

<https://www.wago.com/262-189>



Color: ■ light gray

Similar to illustration



Dimensions in mm

Electrical data

| Ex information | |
|----------------------------|---|
| Reference 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 |

Connection data

| | |
|----------------------------|----|
| Connection points | 18 |
| Total number of potentials | 9 |
| 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 | 9 |
| Wiring direction | Side-entry wiring |

Physical data

| | |
|-------------------------|------------------------|
| Width | 66 mm / 2.598 inches |
| Height from the surface | 23.1 mm / 0.909 inches |
| Depth | 33.5 mm / 1.319 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 | Polyamide (PA66) | |
| Flammability class per UL94 | V0 | |
| Fire load | 0.749 MJ | |
| Halogen-free | Yes | |
| Weight | 39 g | |

| Commercial data | | |
|-----------------------|---------------|--|
| eCl@ss 10.0 | 27-14-11-06 | |
| eCl@ss 9.0 | 27-14-11-06 | |
| ETIM 8.0 | EC001284 | |
| ETIM 7.0 | EC001284 | |
| PU (SPU) | 50 pcs | |
| Packaging type | Box | |
| Country of origin | DE | |
| GTIN | 4044918642088 | |
| Customs tariff number | 85369010000 | |

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

Approvals / Certificates

| General approvals | | | Declarations of conformity and manufacturer's declarations | | |
|--|----------|------------------|--|----------|------------------|
|  | | | Approval | Standard | Certificate Name |
| Approval | Standard | Certificate Name | ATEX-Attestation of Con- formity WAGO GmbH & Co. KG | | |
| CSA DEKRA Certification B.V. | C22.2 | 70010891 | | | |
| UR Underwriters Laboratories Inc. | UL 1059 | E45172 | | | |



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) |
| EAC Brjansker Zertifizierungs- stelle | TP TC 012/2011 | RU C-DE.AM02. B.00127/19 (Ex e IIC Gb U) |
| 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 262-189 |

Documentation

| Additional Information | | | Bid Text | | |
|------------------------|-------------------|-------------------|----------|------------|-----------------|
| Technical Section | pdf 2240.62 KB | ↓ | 262-189 | 19.02.2019 | xml 3.10 KB |
| | | | 262-189 | 17.08.2017 | doc 24.50 KB |

CAD/CAE-Data

| CAD data | CAE data |
|----------------------|------------------------------|
| 2D/3D Models 262-189 | EPLAN Data Portal 262-189 |
| | WSCAD Universe 262-189 |
| | ZUKEN Portal 262-189 |



| |
|------------------------------|
| 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.: 216-301
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



Item No.: 216-321
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



Item No.: 216-151
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated



Item No.: 216-131
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored



Item No.: 216-302
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



Item No.: 216-322
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



Item No.: 216-132
Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated



Item No.: 216-152
Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated



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.: 216-201
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



Item No.: 216-221
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; 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.: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored



Item No.: 216-121
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored



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.: 216-262
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.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



Item No.: 216-222
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; 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.: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored



Item No.: 216-122
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored



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.: 216-263
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.: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



Item No.: 216-223
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



Item No.: 216-103
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated


























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.: 216-123
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored





1.1.2.1 Ferrule

| | | | |
|--|--|---|---|
|  Item No.: 216-204 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black |  Item No.: 216-224 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black |  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.: 216-264 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.: 216-284 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.: 216-124 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated |  Item No.: 216-144 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored |  Item No.: 216-104 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; silver-colored |
|  Item No.: 216-289 Ferrule; Sleeve for 10 mm² / 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 mm² / AWG 8; insulated; electro-tin plated; red |  Item No.: 216-109 Ferrule; Sleeve for 10 mm² / AWG 8; un-insulated; electro-tin plated |  Item No.: 216-210 Ferrule; Sleeve for 16 mm² / 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 mm² / AWG 6; un-insulated; electro-tin plated; brown metallic |  Item No.: 216-205 Ferrule; Sleeve for 2.08 mm² / AWG 14; insulated; electro-tin plated; yellow |  Item No.: 216-206 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue |  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 |
|  Item No.: 216-266 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 |  Item No.: 216-286 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 |  Item No.: 216-267 Ferrule; Sleeve for 4 mm² / 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 mm² / 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 mm² / 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 mm² / 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 mm² / AWG 10; un-insulated; 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



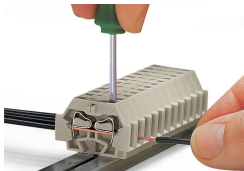
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



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

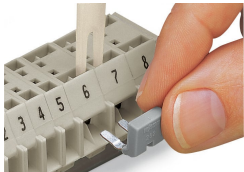
Installation Notes

Conductor termination



CAGE CLAMP® connection
Inserting a conductor.

Commoning



Commoning with comb-style jumper bar.

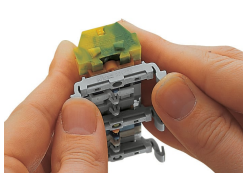
Installation



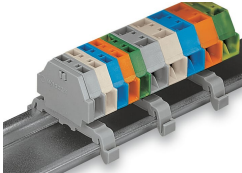
Mounting a terminal strip with snap-in feet into holes.



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)

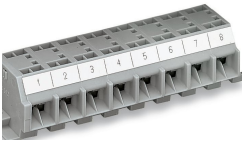


Terminal strip; with snap-in mounting feet;
for DIN-35 rail



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).