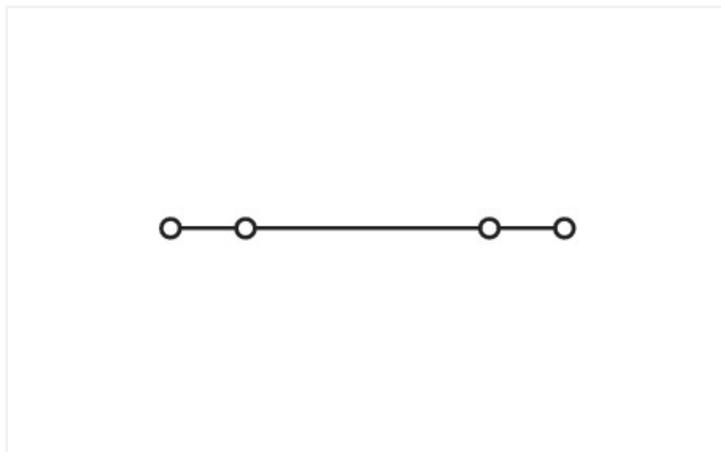# Data Sheet | Item Number: 264-736

## 4-conductor miniature through terminal block; 2.5 mm²; with test option; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; orange

https://www.wago.com/264-736

Color: ■ orange

Similar to illustration

Similar to illustration

Through terminal block, 264 Series, orange

Our through terminal block (item number 264-736) makes connecting wires quick and easy. Strip lengths must be between 8 and 9 mm when connecting conductors to this through terminal block. Whether for use in industry or building installations, our rail-mount through terminal blocks make it easy to quickly and securely connect electrical conductors. They're perfect for either classic through-wiring or distributing potential, depending on the variant. Featuring conductor terminals along with CAGE CLAMP®, this product delivers reliable performance. 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. Depending on the type of conductor, this through terminal block is ideal for conductor cross sections ranging from 0.08 mm² to 2.5 mm².

An operating tool is used to operate this mini rail-mount terminal block.

## Electrical data

### Ratings per IEC/EN

| | |
|---|---|
| Nominal voltage (III/3) | 800 V |
| Rated impulse withstand voltage (III / 3) | 8 kV |
| Rated current | 24 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

### Approvals per — UL 1059

| Use group | B | C | D |
|---|---|---|---|
| Rated voltage | 600 V | 600 V | - |
| Rated current | 20 A | 20 A | - |

### Approvals per — CSA 22.2 No 158

| Use group | B | C | D |
|---|---|---|---|
| Rated voltage | - | 600 V | - |
| Rated current | - | 20 A | - |

### Power Loss

| | |
|---|---|
| Power loss, per pole (potential) | 0.7661 W |
| Rated current $I_N$ for power loss specification | 24 A |
| Resistance value for specified, current-dependent power loss | 0.00133 Ω |

## General information

| | |
|---|---|
| Wiring direction | Front-entry wiring |

## Connection data

| | |
|---|---|
| Clamping units | 4 |
| Total number of potentials | 1 |
| Number of levels | 1 |

### Connection 1

| | |
|---|---|
| Connection technology | CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Solid conductor | 0.08 ... 2.5 mm² / 28 ... 12 AWG |
| Fine-stranded conductor | 0.08 ... 2.5 mm² / 28 ... 12 AWG |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |
| Strip length | 8 ... 9 mm / 0.31 ... 0.35 inches |
| Wiring direction | Front-entry wiring |

## Physical data

| | |
|---|---|
| Width | 10 mm / 0.394 inches |
| Height | 38 mm / 1.496 inches |
| Depth from upper-edge of DIN-rail | 24.5 mm / 0.965 inches |

## Mechanical data

| | |
|---|---|
| Design | horizontal type |
| Mounting type | DIN-35 rail |
| Marking level | Center marking |

## Material data

| | |
|---|---|
| Note (material data) | Information on material specifications can be found here |
| Color | orange |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.108 MJ |
| Weight | 6.3 g |

## Environmental requirements

| | |
|---|---|
| Processing temperature | -35 ... +85 ℃ |
| Continuous operating temperature | -60 ... +105 ℃ |

## Commercial data

| | |
|---|---|
| Product Group | 9 (Std Chassis Mt Blocks) |
| PU (SPU) | 100 pcs |
| Packaging type | Box |
| Country of origin | CH |
| GTIN | 4044918414968 |
| 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 |

## Approvals / Certificates

### General approvals

| Approval | Standard | Certificate Name |
|---|---|---|
| CCA<br>DEKRA Certification B.V. | EN 60947 | NTR NL-7077 |
| CSA<br>DEKRA Certification B.V. | C22.2 | 70010891 |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947 | 2160584.02 |
| UR<br>Underwriters Laboratories Inc. | UL 1059 | E45172 |

### Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|---|---|---|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |

### Approvals for marine applications

| Approval | Standard | Certificate Name |
|---|---|---|
| ABS<br>American Bureau of Shipping | - | 24-0095979-PDA |
| BV<br>Bureau Veritas S.A. | EN 60947 | 07436/G0 BV |
| DNV GL<br>Det Norske Veritas, Germanischer Lloyd | - | TAE00001V2 |
| LR<br>Lloyds Register | IEC 60998 | LR22173030TA |
| PRS<br>Polski Rejestr Statków | - | TE/1094/880590/23 |

**WAGO**

## Downloads

## Environmental Product Compliance

### Compliance Search

Environmental Product
Compliance 264-736 ⤓

## Documentation

### Bid Text

| 264-736 | 19.02.2019 | xml 3.21 KB | ⤓ |
|---|---|---|---|
| 264-736 | 30.05.2017 | doc 24.00 KB | ⤓ |

## CAD/CAE-Data

### CAD data

2D/3D Models 264-736 ⤓

### CAE data

EPLAN Data Portal
264-736 ⤓

WSCAD Universe
264-736 ⤓

ZUKEN Portal 264-736 ⤓

## 1 Compatible Products

### 1.1 Required Accessories

#### 1.1.1 End plate

##### 1.1.1.1 End plate

**Item No.: 264-368**
End and intermediate plate; 4 mm thick;
gray

**Item No.: 264-369**
End and intermediate plate; 4 mm thick;
orange

### 1.2 Optional Accessories

#### 1.2.1 DIN-rail

##### 1.2.1.1 Mounting accessories

**Item No.: 210-196**
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm
thick; 2 m long; unslotted; similar to EN
60715; silver-colored

**Item No.: 210-198**
Copper carrier rail; 35 x 15 mm; 2.3 mm
thick; 2 m long; unslotted; according to
EN 60715; copper-colored

**Item No.: 210-508**
Steel carrier rail; 35 x 15 mm; 1.5 mm
thick; 2 m long; slotted; galvanized; simi-
lar to EN 60715; silver-colored

**Item No.: 210-197**
Steel carrier rail; 35 x 15 mm; 1.5 mm
thick; 2 m long; slotted; similar to EN
60715; silver-colored

**Item No.: 210-506**
Steel carrier rail; 35 x 15 mm; 1.5 mm
thick; 2 m long; unslotted; galvanized; si-
milar to EN 60715; silver-colored

**Item No.: 210-114**
Steel carrier rail; 35 x 15 mm; 1.5 mm
thick; 2 m long; unslotted; similar to EN
60715; silver-colored

**Item No.: 210-118**
Steel carrier rail; 35 x 15 mm; 2.3 mm
thick; 2 m long; unslotted; according to
EN 60715; silver-colored

**Item No.: 210-115**
Steel carrier rail; 35 x 7.5 mm; 1 mm thick;
2 m long; slotted; according to EN 60715;
"Hole width 18 mm; silver-colored

**WAGO**

## 1.2.1.1 Mounting accessories

**Item No.: 210-112**
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

**Item No.: 210-504**
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

**Item No.: 210-113**
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

**Item No.: 210-505**
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

## 1.2.2 Ferrule

### 1.2.2.1 Ferrule

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

**Item No.: 216-201**
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white

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

**Item No.: 216-202**
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

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

**Item No.: 216-203**
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.: 216-204**
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

**Item No.: 216-104**
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored

**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.: 216-106**
Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated; silver-colored

## 1.2.3 Installation

### 1.2.3.1 Cover

**Item No.: 709-153**
Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

### 1.2.3.2 Cover carrier

**Item No.: 709-167**
Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

## 1.2.3.3 Mounting accessories

**Item No.: 209-106**
Mounting carrier; for isolated mounting on DIN 35 rails; gray

**Item No.: 249-117**
Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

**Item No.: 249-116**
Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

## 1.2.4 Jumper

### 1.2.4.1 Jumper

**Item No.: 280-492**
Jumper; 2-way; insulated; gray

**Item No.: 264-402**
Jumper; for conductor entry; 2-way; insulated; gray

## 1.2.5 Marking

### 1.2.5.1 Marker

**Item No.: 2009-145/000-006**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

**Item No.: 2009-145/000-007**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

**Item No.: 2009-145/000-023**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

**Item No.: 2009-145/000-012**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

**Item No.: 2009-145/000-005**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

**Item No.: 2009-145/000-024**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

**Item No.: 2009-145**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 2009-145/000-002**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

**Item No.: 248-501/000-006**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

**Item No.: 248-501/000-007**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

**Item No.: 248-501/000-023**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

**Item No.: 248-501/000-017**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green

**Item No.: 248-501/000-012**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

**Item No.: 248-501/000-005**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

**Item No.: 248-501/000-024**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

**Item No.: 248-501**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

**Item No.: 248-501/000-002**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

## 1.2.6 Test and measurement

### 1.2.6.1 Testing accessories

**Item No.: 249-139**
Test plug module; without locking device; modular; for 4-conductor terminal blocks; gray

**Item No.: 210-136**
Test plug; 2 mm Ø; with 500 mm cable; red

## 1.2.7 Tool

### 1.2.7.1 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

**Item No.: 209-130**
Operating tool; made of insulating material; 1-way; for 264 Series (1-/2-way), 280, 281 Series (up to 3-way); natural

**Item No.: 280-432**
Operating tool; made of insulating material; 2-way; white

## Installation Notes

### Installation

Quick assembly keys prevent reverse mounting.

Separate terminal strip and slide individual terminal block laterally.

Remove terminal block from the DIN-rail with a levering action.
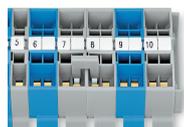
### Conductor termination

**CAGE CLAMP® connection**
Inserting a conductor.
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

### Commoning

Commoning with comb-style jumper bar.

Commoning with comb-style jumper bar.

## Testing

Testing by touch contact to the CAGE CLAMP® spring (limited to 0.5 A and 48 V test voltage) – test pins are not protected against accidental contact.

Testing via CAGE CLAMP® on the current bar (max. nominal current: 6 A).
CAGE CLAMP® clamps individual test contacts.
The maximum test voltage is 400 V.

Separating groups via intermediate plates.

Combining 2- and 4-conductor terminal blocks.

Application
Easy-to-use miniature blocks that require minimal enclosure space.

## Marking

Marking via Mini-WSB Quick Marking System.

Marking with T-marker tag (209-290).

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

Current addresses can be found at:: www.wago.com