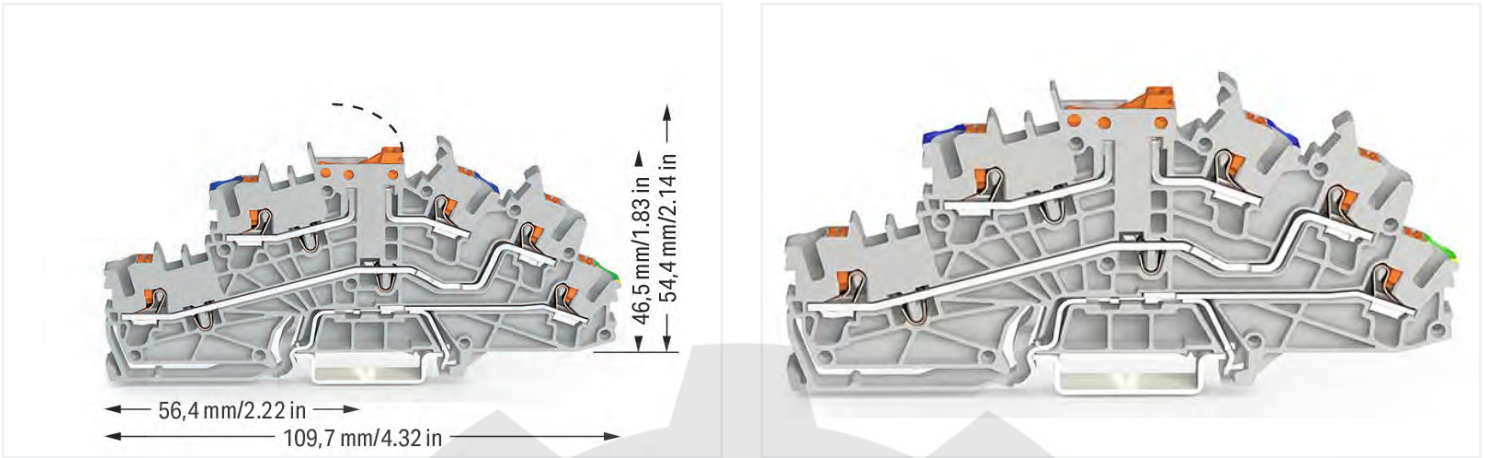


Data Sheet | Item Number: 2203-6641

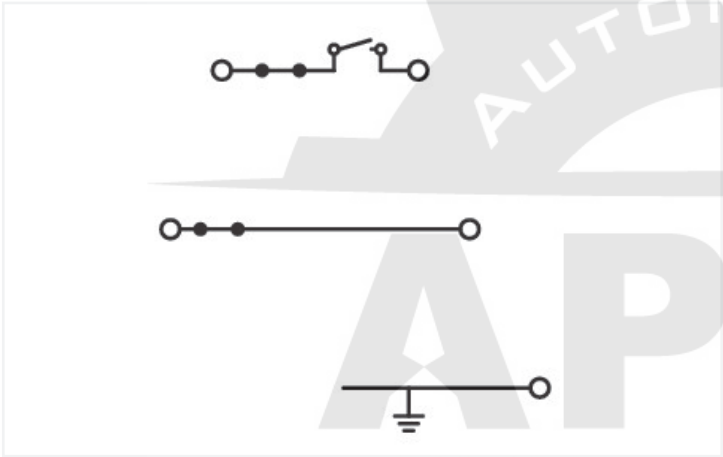
Multilevel installation terminal block; with push-button; 2.5 mm²; with pivoting knife disconnect; NTi/L/PE; green-yellow lower deck; Push-in CAGE CLAMP®; 2,50 mm²; gray



<https://www.wago.com/2203-6641>



Color: gray



Similar to illustration

Electrical data			
Ratings per IEC/EN		Ratings per IEC/EN 2	
Ratings per	IEC/EN 60947-7-1	Ratings per 2	IEC/EN 60947-7-1
Ratings (note)	Potential – ground	Ratings (note) 2	Potential – potential
Nominal voltage (III/3)	250 V	Rated voltage (III/3) 2	400 V
Rated impulse voltage (III/3)	4 kV	Rated surge voltage (III/3) 2	6 kV
Rated current	22 A	Rated current 2	22 A
Current at conductor cross-section (max.) mm²	27 A	Current at conductor cross-section (max.) 2	27 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3		

Power loss	
Power loss, per pole (potential)	0.6437 W
Rated current I <sub>N</sub> for specified power loss	22 A
Resistance value for specified, current-dependent power loss	0.00133 Ω

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

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

## Connection data

Connection points	5
Total number of potentials	3
Number of levels	3

### Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Connectable conductor materials	Copper
Nominal cross-section	2.5 mm²
Solid conductor	0.25 ... 4 mm² / 22 ... 12 AWG
Solid conductor; push-in termination	0.75 ... 4 mm² / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm² / 22 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm² / 22 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm² / 18 ... 14 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	10 ... 12 mm / 0.39 ... 0.47 inches
Wiring direction	Front-entry wiring

## Physical data

Width	5.2 mm / 0.205 inches
Height	109.7 mm / 4.319 inches
Depth from upper-edge of DIN-rail	46.5 mm / 1.831 inches

## Mechanical Data

Potential marking	NTi/L/PE
Mounting type	DIN-35 rail
Marking level	Center/side marking

## Material Data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.308 MJ
Weight	20.8 g

## Environmental requirements

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



Commercial data	
ETIM 8.0	EC001329
ETIM 7.0	EC001329
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966165401
Customs tariff number	85369010000

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7923
CSA DEKRA Certification B.V.	C22.2	80093552
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-122696
UR Underwriters Laboratories Inc.	UL 1059	E 45172

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2203-6641

Documentation

Additional Information
Technical Section
pdf 2142.18 KB

CAD/CAE-Data

CAD data
2D/3D Models 2203-6641

CAE data
EPLAN Data Portal 2203-6641

## 1 Compatible Products

### 1.1 Required Accessories

#### 1.1.1 End plate

##### 1.1.1.1 End plate



**Item No.: 2203-6692**

End and intermediate plate; 0.8 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.: 210-197**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



**Item No.: 210-114**

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



**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.: 210-113**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

#### 1.2.2 Ferrule

##### 1.2.2.1 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.: 216-242**

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.: 216-243**

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.: 216-244**

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.: 216-246**

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

#### 1.2.3 Installation



1.2.3.1 Cover



**Item No.: 709-156**  
Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

1.2.3.2 Cover carrier



**Item No.: 709-169**  
Cover carrier; Type 3; gray

1.2.3.3 Mounting accessories



**Item No.: 2009-304**  
Busbar carrier; not suitable for use as end stop; for DIN 35 rail; 1.5 mm thick; blue



**Item No.: 2009-305**  
Busbar carrier; with end stop function and detachable separator plate; for DIN 35 rail; 7.5 mm thick; blue

1.2.4 Insulation stop

1.2.4.1 Insulation stop



**Item No.: 2002-171**  
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray



**Item No.: 2002-172**  
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

1.2.5 Jumper

1.2.5.1 Jumper



**Item No.: 2002-400**  
Continuous jumper; 2-way; insulated; light gray



**Item No.: 2002-423/000-006**  
Continuous jumper; from 1 to 3; insulated; blue



**Item No.: 2002-423**  
Continuous jumper; from 1 to 3; insulated; light gray



**Item No.: 2002-423/000-005**  
Continuous jumper; from 1 to 3; insulated; red



**Item No.: 2002-424/000-006**  
Continuous jumper; from 1 to 4; insulated; blue



**Item No.: 2002-424**  
Continuous jumper; from 1 to 4; insulated; light gray



**Item No.: 2002-424/000-005**  
Continuous jumper; from 1 to 4; insulated; red



**Item No.: 2002-406/020-000**  
Delta jumper; insulated; light gray



**Item No.: 2002-410/000-006**  
Jumper; 10-way; insulated; blue



**Item No.: 2002-410**  
Jumper; 10-way; insulated; light gray



**Item No.: 2002-410/000-005**  
Jumper; 10-way; insulated; red



**Item No.: 2002-402/000-006**  
Jumper; 2-way; insulated; blue



**Item No.: 2002-402**  
Jumper; 2-way; insulated; light gray



**Item No.: 2002-402/000-005**  
Jumper; 2-way; insulated; red



**Item No.: 2002-403/000-006**  
Jumper; 3-way; insulated; blue



**Item No.: 2002-403**  
Jumper; 3-way; insulated; light gray



**Item No.: 2002-403/000-005**  
Jumper; 3-way; insulated; red



**Item No.: 2002-404/000-006**  
Jumper; 4-way; insulated; blue



**Item No.: 2002-404**  
Jumper; 4-way; insulated; light gray



**Item No.: 2002-404/000-005**  
Jumper; 4-way; insulated; red



**Item No.: 2002-405/000-006**  
Jumper; 5-way; insulated; blue



**Item No.: 2002-405**  
Jumper; 5-way; insulated; light gray


































**Item No.: 2002-405/000-005**  
Jumper; 5-way; insulated; red



**Item No.: 2002-406/000-006**  
Jumper; 6-way; insulated; blue



1.2.5.1 Jumper

 <b>Item No.: 2002-406</b> Jumper; 6-way; insulated; light gray	 <b>Item No.: 2002-406/000-005</b> Jumper; 6-way; insulated; red	 <b>Item No.: 2002-407/000-006</b> Jumper; 7-way; insulated; blue	 <b>Item No.: 2002-407</b> Jumper; 7-way; insulated; light gray
 <b>Item No.: 2002-407/000-005</b> Jumper; 7-way; insulated; red	 <b>Item No.: 2002-408/000-006</b> Jumper; 8-way; insulated; blue	 <b>Item No.: 2002-408</b> Jumper; 8-way; insulated; light gray	 <b>Item No.: 2002-408/000-005</b> Jumper; 8-way; insulated; red
 <b>Item No.: 2002-409/000-006</b> Jumper; 9-way; insulated; blue	 <b>Item No.: 2002-409</b> Jumper; 9-way; insulated; light gray	 <b>Item No.: 2002-409/000-005</b> Jumper; 9-way; insulated; red	 <b>Item No.: 2002-440</b> Jumper; from 1 to 10; insulated; light gray
 <b>Item No.: 2002-433</b> Jumper; from 1 to 3; insulated; light gray	 <b>Item No.: 2002-434</b> Jumper; from 1 to 4; insulated; light gray	 <b>Item No.: 2002-435</b> Jumper; from 1 to 5; insulated; light gray	 <b>Item No.: 2002-436</b> Jumper; from 1 to 6; insulated; light gray
 <b>Item No.: 2002-437</b> Jumper; from 1 to 7; insulated; light gray	 <b>Item No.: 2002-438</b> Jumper; from 1 to 8; insulated; light gray	 <b>Item No.: 2002-439</b> Jumper; from 1 to 9; insulated; light gray	 <b>Item No.: 2002-480</b> Staggered jumper; 10-way; insulated; light gray
 <b>Item No.: 2002-481</b> Staggered jumper; 11-way; insulated; light gray	 <b>Item No.: 2002-482</b> Staggered jumper; 12-way; insulated; light gray	 <b>Item No.: 2002-473/011-000</b> Staggered jumper; 2-way; from 1 to 3; insulated; light gray	 <b>Item No.: 2002-472</b> Staggered jumper; 2-way; insulated; light gray
 <b>Item No.: 2002-473</b> Staggered jumper; 3-way; insulated; light gray	 <b>Item No.: 2002-475/011-000</b> Staggered jumper; 3-way; insulated; light gray	 <b>Item No.: 2002-474</b> Staggered jumper; 4-way; insulated; light gray	 <b>Item No.: 2002-475</b> Staggered jumper; 5-way; insulated; light gray
 <b>Item No.: 2002-476</b> Staggered jumper; 6-way; insulated; light gray	 <b>Item No.: 2002-477</b> Staggered jumper; 7-way; insulated; light gray	 <b>Item No.: 2002-478</b> Staggered jumper; 8-way; insulated; light gray	 <b>Item No.: 2002-479</b> Staggered jumper; 9-way; insulated; light gray
 <b>Item No.: 2002-477/011-000</b> Staggered jumper; insulated; light gray	 <b>Item No.: 2002-479/011-000</b> Staggered jumper; insulated; light gray	 <b>Item No.: 2002-481/011-000</b> Staggered jumper; insulated; light gray	 <b>Item No.: 2002-405/011-000</b> Star point jumper; 3-way; insulated; light gray
 <b>Item No.: 210-103</b> Wire commoning chain; insulated; black	 <b>Item No.: 210-123</b> Wire commoning chain; insulated; blue		



