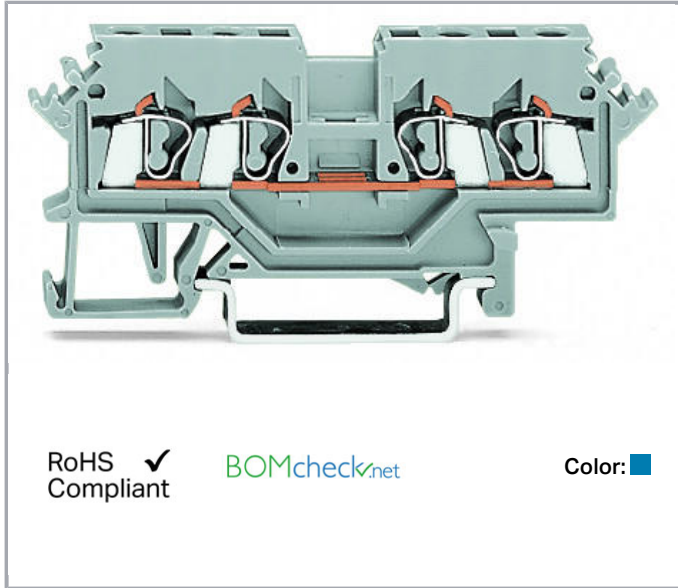


## Data sheet | Item number: 280-604

4-conductor through terminal block; 2.5 mm<sup>2</sup>; suitable for Ex i applications; lateral marker slots; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm<sup>2</sup>; blue

[www.wago.com/280-604](http://www.wago.com/280-604)



### Item description

#### Note:

#### Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm<sup>2</sup>/12 AWG if WAGO "Alu-Plus" Contact Paste is used for termination.

#### "Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.
- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

Using terminal blocks with CAGE CLAMP® Spring Pressure Connection Technology, **aluminum conductors must first be cleaned with a blade** and then immediately be inserted into the clamping units filled with "Alu-Plus" Contact Paste.

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors:

2.5 mm<sup>2</sup> (14 AWG) = 16 A

4 mm<sup>2</sup> (12 AWG) = 22 A

Subject to changes.

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Data

### Electrical data

#### Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated current	24 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

### Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper Aluminum
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Total number of connection points	4
Total number of potentials	1
Number of levels	1
Type of wiring	Front-entry wiring
Note (conductor cross-section)	12 AWG: THHN, THWN

### Geometrical Data

Width	5 mm / 0.197 inch
Height from upper-edge of DIN-35 rail	28 mm / 1.102 inch
Depth	73 mm / 2.874 inch

### Mechanical data

Design	horizontal
Type of mounting	DIN-35 rail
Marking level	Side marking

### Material Data

Color	blue
-------	------

Subject to changes.



Insulating material	Polyamide 66 (PA 66)
Fire load	0.133 MJ
Weight	8.1 g

### Commercial data





Packaging type	BOX
Country of origin	DE
GTIN	4044918391061
Customs Tariff No.	85369010000

### Approvals / Certificates

#### Country specific Approvals


Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2157201.01
	CSA DEKRA Certification B.V.	C22.2	1536071

#### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14- HG1293677- PDA
	BV Bureau Veritas S.A.	EN 60947	07436/E0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)




Subject to changes.

## UL-Approvals






Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1059	20170731-E45172

## Compatible products

## tools

	<b>Item no.: 210-657</b> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short	<a href="http://www.wago.com/210-657">www.wago.com/210-657</a>
	<b>Item no.: 210-658</b> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short	<a href="http://www.wago.com/210-658">www.wago.com/210-658</a>
	<b>Item no.: 210-720</b> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>

## End plate

	<b>Item no.: 209-191</b> Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange	<a href="http://www.wago.com/209-191">www.wago.com/209-191</a>
	<b>Item no.: 209-192</b> Separator for Ex e/Ex i applications; 3 mm thick; 125.5 mm wide; orange	<a href="http://www.wago.com/209-192">www.wago.com/209-192</a>
	<b>Item no.: 280-316</b> End and intermediate plate; 2.5 mm thick; gray	<a href="http://www.wago.com/280-316">www.wago.com/280-316</a>
	<b>Item no.: 280-317</b> End and intermediate plate; 2.5 mm thick; orange	<a href="http://www.wago.com/280-317">www.wago.com/280-317</a>
	<b>Item no.: 280-327</b> Separator plate; 2 mm thick; oversized; orange	<a href="http://www.wago.com/280-327">www.wago.com/280-327</a>

Subject to changes.



**Item no.: 280-337**  
Separator plate; 2 mm thick; oversized; gray

[www.wago.com/280-337](http://www.wago.com/280-337)



**Item no.: 284-334**  
Step-down cover plate; 1 mm thick; for 2-, 3- and 4-conductor terminal blocks; gray

[www.wago.com/284-334](http://www.wago.com/284-334)



**Item no.: 284-344**  
Step-down cover plate; 1 mm thick; for 2-, 3- and 4-conductor terminal blocks; orange

[www.wago.com/284-344](http://www.wago.com/284-344)

**assembling**



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

[www.wago.com/209-106](http://www.wago.com/209-106)



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

[www.wago.com/709-153](http://www.wago.com/709-153)

**Marking accessories**



**Item no.: 2009-115**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)



**Item no.: 2009-115/000-002**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

[www.wago.com/2009-115/000-002](http://www.wago.com/2009-115/000-002)



**Item no.: 2009-115/000-006**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; blue

[www.wago.com/2009-115/000-006](http://www.wago.com/2009-115/000-006)



**Item no.: 2009-115/000-007**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; gray

[www.wago.com/2009-115/000-007](http://www.wago.com/2009-115/000-007)



**Item no.: 2009-115/000-012**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; orange

[www.wago.com/2009-115/000-012](http://www.wago.com/2009-115/000-012)



**Item no.: 2009-115/000-017**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; light green

[www.wago.com/2009-115/000-017](http://www.wago.com/2009-115/000-017)



**Item no.: 2009-115/000-023**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; green

[www.wago.com/2009-115/000-023](http://www.wago.com/2009-115/000-023)



**Item no.: 2009-115/000-024**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; violet

[www.wago.com/2009-115/000-024](http://www.wago.com/2009-115/000-024)



**Item no.: 209-128**  
Adaptor
















[www.wago.com/209-128](http://www.wago.com/209-128)



**Item no.: 209-140**  
Group marker carrier

[www.wago.com/209-140](http://www.wago.com/209-140)

Subject to changes.

	<b>Item no.: 209-141</b> Group marker carrier	<a href="http://www.wago.com/209-141">www.wago.com/209-141</a>
	<b>Item no.: 209-142</b> Group marker carrier	<a href="http://www.wago.com/209-142">www.wago.com/209-142</a>
	<b>Item no.: 209-185</b> Adaptor	<a href="http://www.wago.com/209-185">www.wago.com/209-185</a>
	<b>Item no.: 249-105</b> Group marker carrier	<a href="http://www.wago.com/249-105">www.wago.com/249-105</a>
	<b>Item no.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>
	<b>Item no.: 793-501/000-002</b> WMB marking card; as card; not stretchable; plain; snap-on type; yellow	<a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>
	<b>Item no.: 793-501/000-005</b> WMB marking card; as card; not stretchable; plain; snap-on type; red	<a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a>
	<b>Item no.: 793-501/000-006</b> WMB marking card; as card; not stretchable; plain; snap-on type; blue	<a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>
	<b>Item no.: 793-501/000-007</b> WMB marking card; as card; not stretchable; plain; snap-on type; gray	<a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>
	<b>Item no.: 793-501/000-012</b> WMB marking card; as card; not stretchable; plain; snap-on type; orange	<a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>
	<b>Item no.: 793-501/000-017</b> WMB marking card; as card; not stretchable; plain; snap-on type; light green	<a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>
	<b>Item no.: 793-501/000-023</b> WMB marking card; as card; not stretchable; plain; snap-on type; green	<a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>
	<b>Item no.: 793-501/000-024</b> WMB marking card; as card; not stretchable; plain; snap-on type; violet	<a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a>
	<b>Item no.: 793-5501</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>
	<b>Item no.: 793-5501/000-002</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/793-5501/000-002">www.wago.com/793-5501/000-002</a>

Subject to changes.



**Item no.: 793-5501/000-005**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; red

[www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)



**Item no.: 793-5501/000-006**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; blue

[www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)



**Item no.: 793-5501/000-007**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; gray

[www.wago.com/793-5501/000-007](http://www.wago.com/793-5501/000-007)



**Item no.: 793-5501/000-012**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; orange

[www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)



**Item no.: 793-5501/000-017**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; light green

[www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)



**Item no.: 793-5501/000-023**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; green

[www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)



**Item no.: 793-5501/000-024**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; violet

[www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)

#### Insulation stop



**Item no.: 280-470**  
Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip; white

[www.wago.com/280-470](http://www.wago.com/280-470)



**Item no.: 280-471**  
Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray

[www.wago.com/280-471](http://www.wago.com/280-471)



**Item no.: 280-472**  
Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip

[www.wago.com/280-472](http://www.wago.com/280-472)

#### General accessories



**Item no.: 231-162/003-000**  
Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 2-pole; gray

[www.wago.com/231-162/003-000](http://www.wago.com/231-162/003-000)



**Item no.: 231-163/003-000**  
Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 3-pole; gray

[www.wago.com/231-163/003-000](http://www.wago.com/231-163/003-000)

















**Item no.: 231-164/003-000**  
Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 4-pole; gray














[www.wago.com/231-164/003-000](http://www.wago.com/231-164/003-000)

**Item no.: 231-165/003-000**

Subject to changes.


	Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 5-pole; gray	<a href="http://www.wago.com/231-165/003-000">www.wago.com/231-165/003-000</a>
	<b>Item no.: 231-166/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 6-pole; gray	<a href="http://www.wago.com/231-166/003-000">www.wago.com/231-166/003-000</a>
	<b>Item no.: 231-167/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 7-pole; gray	<a href="http://www.wago.com/231-167/003-000">www.wago.com/231-167/003-000</a>
	<b>Item no.: 231-168/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 8-pole; gray	<a href="http://www.wago.com/231-168/003-000">www.wago.com/231-168/003-000</a>
	<b>Item no.: 231-169/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 9-pole; gray	<a href="http://www.wago.com/231-169/003-000">www.wago.com/231-169/003-000</a>
	<b>Item no.: 231-170/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 10-pole; gray	<a href="http://www.wago.com/231-170/003-000">www.wago.com/231-170/003-000</a>
	<b>Item no.: 231-171/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 11-pole; gray	<a href="http://www.wago.com/231-171/003-000">www.wago.com/231-171/003-000</a>
	<b>Item no.: 231-172/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 12-pole; gray	<a href="http://www.wago.com/231-172/003-000">www.wago.com/231-172/003-000</a>
	<b>Item no.: 231-176/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 16-pole; gray	<a href="http://www.wago.com/231-176/003-000">www.wago.com/231-176/003-000</a>
	<b>Item no.: 231-180/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 20-pole; gray	<a href="http://www.wago.com/231-180/003-000">www.wago.com/231-180/003-000</a>
	<b>Item no.: 231-668</b> Lockout caps; for covering unused clamping units; gray	<a href="http://www.wago.com/231-668">www.wago.com/231-668</a>
	<b>Item no.: 231-669</b> Lockout caps; for covering unused clamping units; orange	<a href="http://www.wago.com/231-669">www.wago.com/231-669</a>
	<b>Item no.: 281-407</b> Test plug; 6 mm wide; Nominal current 24 A; for 0.08 mm <sup>2</sup> - 2.5 mm <sup>2</sup> ; 2,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/281-407">www.wago.com/281-407</a>
	<b>Item no.: 721-162/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 2-pole; light gray	<a href="http://www.wago.com/721-162/003-000">www.wago.com/721-162/003-000</a>

Subject to changes.

	<p><b>Item no.: 721-163/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 3-pole; light gray</p>	<a href="http://www.wago.com/721-163/003-000">www.wago.com/721-163/003-000</a>
	<p><b>Item no.: 721-164/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 4-pole; light gray</p>	<a href="http://www.wago.com/721-164/003-000">www.wago.com/721-164/003-000</a>
	<p><b>Item no.: 721-165/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 5-pole; light gray</p>	<a href="http://www.wago.com/721-165/003-000">www.wago.com/721-165/003-000</a>
	<p><b>Item no.: 721-166/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 6-pole; light gray</p>	<a href="http://www.wago.com/721-166/003-000">www.wago.com/721-166/003-000</a>
	<p><b>Item no.: 721-167/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 7-pole; light gray</p>	<a href="http://www.wago.com/721-167/003-000">www.wago.com/721-167/003-000</a>
	<p><b>Item no.: 721-168/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 8-pole; light gray</p>	<a href="http://www.wago.com/721-168/003-000">www.wago.com/721-168/003-000</a>
	<p><b>Item no.: 721-169/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 9-pole; light gray</p>	<a href="http://www.wago.com/721-169/003-000">www.wago.com/721-169/003-000</a>
	<p><b>Item no.: 721-170/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 10-pole; light gray</p>	<a href="http://www.wago.com/721-170/003-000">www.wago.com/721-170/003-000</a>
	<p><b>Item no.: 721-171/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 11-pole; light gray</p>	<a href="http://www.wago.com/721-171/003-000">www.wago.com/721-171/003-000</a>
	<p><b>Item no.: 721-172/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray</p>	<a href="http://www.wago.com/721-172/003-000">www.wago.com/721-172/003-000</a>
	<p><b>Item no.: 721-173/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 13-pole; light gray</p>	<a href="http://www.wago.com/721-173/003-000">www.wago.com/721-173/003-000</a>
	<p><b>Item no.: 721-174/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 14-pole; light gray</p>	<a href="http://www.wago.com/721-174/003-000">www.wago.com/721-174/003-000</a>
	<p><b>Item no.: 721-175/003-000</b>                  Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 15-pole; light gray</p>	<a href="http://www.wago.com/721-175/003-000">www.wago.com/721-175/003-000</a>


**Item no.: 721-176/003-000**

Subject to changes.



Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 16-pole; light gray


[www.wago.com/721-176/003-000](http://www.wago.com/721-176/003-000)



**Item no.: 721-180/003-000**  
Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 20-pole; light gray


[www.wago.com/721-180/003-000](http://www.wago.com/721-180/003-000)

#### ferrule




**Item no.: 216-101**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated

[www.wago.com/216-101](http://www.wago.com/216-101)




**Item no.: 216-102**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated

[www.wago.com/216-102](http://www.wago.com/216-102)




**Item no.: 216-103**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated

[www.wago.com/216-103](http://www.wago.com/216-103)




**Item no.: 216-104**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

[www.wago.com/216-104](http://www.wago.com/216-104)




**Item no.: 216-201**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white

[www.wago.com/216-201](http://www.wago.com/216-201)




**Item no.: 216-202**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray

[www.wago.com/216-202](http://www.wago.com/216-202)



**Item no.: 216-203**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red

[www.wago.com/216-203](http://www.wago.com/216-203)




**Item no.: 216-204**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black

[www.wago.com/216-204](http://www.wago.com/216-204)

**Item no.: 216-301**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow


[www.wago.com/216-301](http://www.wago.com/216-301)



**Item no.: 216-302**  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; green

[www.wago.com/216-302](http://www.wago.com/216-302)

#### Carrier rail




**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

[www.wago.com/210-112](http://www.wago.com/210-112)




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

[www.wago.com/210-113](http://www.wago.com/210-113)



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

















[www.wago.com/210-114](http://www.wago.com/210-114)
















**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

[www.wago.com/210-115](http://www.wago.com/210-115)

Subject to changes.














	<b>Item no.: 210-118</b> Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	<a href="http://www.wago.com/210-118">www.wago.com/210-118</a>
	<b>Item no.: 210-196</b> Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-196">www.wago.com/210-196</a>
	<b>Item no.: 210-197</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715	<a href="http://www.wago.com/210-197">www.wago.com/210-197</a>
	<b>Item no.: 210-198</b> Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored	<a href="http://www.wago.com/210-198">www.wago.com/210-198</a>
	<b>Item no.: 210-504</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	<a href="http://www.wago.com/210-504">www.wago.com/210-504</a>
	<b>Item no.: 210-505</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715	<a href="http://www.wago.com/210-505">www.wago.com/210-505</a>
	<b>Item no.: 210-506</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715	<a href="http://www.wago.com/210-506">www.wago.com/210-506</a>
	<b>Item no.: 210-508</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715	<a href="http://www.wago.com/210-508">www.wago.com/210-508</a>
<b>Protective Warning Marker</b>		
	<b>Item no.: 280-415</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	<a href="http://www.wago.com/280-415">www.wago.com/280-415</a>
<b>check</b>		
	<b>Item no.: 209-170</b> Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm <sup>2</sup> - 10 mm <sup>2</sup> tbs; gray	<a href="http://www.wago.com/209-170">www.wago.com/209-170</a>
	<b>Item no.: 249-106</b> B-type test plug module; modular; 1,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/249-106">www.wago.com/249-106</a>
	<b>Item no.: 249-107</b> B-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray	<a href="http://www.wago.com/249-107">www.wago.com/249-107</a>
	<b>Item no.: 249-141</b> L-type test plug module; modular; with spring-loaded contact pin; Center module; 1,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/249-141">www.wago.com/249-141</a>
	<b>Item no.: 280-404</b> Test plug adapter; 5 mm wide; for test plug 210-137 (2.3 mm Ø); suitable for 1.5 mm <sup>2</sup> - 4 mm <sup>2</sup> tbs; gray	<a href="http://www.wago.com/280-404">www.wago.com/280-404</a>
	<b>Item no.: 280-418</b> Test plug module; modular; suitable for all WAGO 280 and 780 Series rail-mounted terminal blocks with jumper slots in the current bar; gray	<a href="http://www.wago.com/280-418">www.wago.com/280-418</a>
	<b>Item no.: 280-419</b> Spacer module; modular; bridging commoned terminal blocks; gray	<a href="http://www.wago.com/280-419">www.wago.com/280-419</a>
<b>Female plug</b>		
<b>Item no.: 232-132/005-000</b>		

Subject to changes.

	Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 2-pole; gray	<a href="http://www.wago.com/232-132/005-000">www.wago.com/232-132/005-000</a>
	<b>Item no.: 232-132/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 2-pole; gray	<a href="http://www.wago.com/232-132/005-000/039-000">www.wago.com/232-132/005-000/039-000</a>
	<b>Item no.: 232-133/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 3-pole; gray	<a href="http://www.wago.com/232-133/005-000">www.wago.com/232-133/005-000</a>
	<b>Item no.: 232-133/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 3-pole; gray	<a href="http://www.wago.com/232-133/005-000/039-000">www.wago.com/232-133/005-000/039-000</a>
	<b>Item no.: 232-134/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 4-pole; gray	<a href="http://www.wago.com/232-134/005-000">www.wago.com/232-134/005-000</a>
	<b>Item no.: 232-134/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 4-pole; gray	<a href="http://www.wago.com/232-134/005-000/039-000">www.wago.com/232-134/005-000/039-000</a>
	<b>Item no.: 232-135/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 5-pole; gray	<a href="http://www.wago.com/232-135/005-000">www.wago.com/232-135/005-000</a>
	<b>Item no.: 232-135/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 5-pole; gray	<a href="http://www.wago.com/232-135/005-000/039-000">www.wago.com/232-135/005-000/039-000</a>
	<b>Item no.: 232-136/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 6-pole; gray	<a href="http://www.wago.com/232-136/005-000">www.wago.com/232-136/005-000</a>
	<b>Item no.: 232-136/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 6-pole; gray	<a href="http://www.wago.com/232-136/005-000/039-000">www.wago.com/232-136/005-000/039-000</a>
	<b>Item no.: 232-137/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 7-pole; gray	<a href="http://www.wago.com/232-137/005-000">www.wago.com/232-137/005-000</a>
	<b>Item no.: 232-137/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 7-pole; gray	<a href="http://www.wago.com/232-137/005-000/039-000">www.wago.com/232-137/005-000/039-000</a>
	<b>Item no.: 232-138/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 8-pole; gray	<a href="http://www.wago.com/232-138/005-000">www.wago.com/232-138/005-000</a>

**Item no.: 232-138/005-000/039-000**

Subject to changes.

	Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 8-pole; gray	<a href="http://www.wago.com/232-138/005-000/039-000">www.wago.com/232-138/005-000/039-000</a>
	<b>Item no.: 232-139/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 9-pole; gray	<a href="http://www.wago.com/232-139/005-000">www.wago.com/232-139/005-000</a>
	<b>Item no.: 232-139/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 9-pole; gray	<a href="http://www.wago.com/232-139/005-000/039-000">www.wago.com/232-139/005-000/039-000</a>
	<b>Item no.: 232-140/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 10-pole; gray	<a href="http://www.wago.com/232-140/005-000">www.wago.com/232-140/005-000</a>
	<b>Item no.: 232-140/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 10-pole; gray	<a href="http://www.wago.com/232-140/005-000/039-000">www.wago.com/232-140/005-000/039-000</a>
	<b>Item no.: 232-142/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 12-pole; gray	<a href="http://www.wago.com/232-142/005-000">www.wago.com/232-142/005-000</a>
	<b>Item no.: 232-142/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 12-pole; gray	<a href="http://www.wago.com/232-142/005-000/039-000">www.wago.com/232-142/005-000/039-000</a>
	<b>Item no.: 232-146/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 16-pole; gray	<a href="http://www.wago.com/232-146/005-000">www.wago.com/232-146/005-000</a>
	<b>Item no.: 232-146/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 16-pole; gray	<a href="http://www.wago.com/232-146/005-000/039-000">www.wago.com/232-146/005-000/039-000</a>
	<b>Item no.: 232-147/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 17-pole; gray	<a href="http://www.wago.com/232-147/005-000/039-000">www.wago.com/232-147/005-000/039-000</a>
	<b>Item no.: 232-150/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 20-pole; gray	<a href="http://www.wago.com/232-150/005-000">www.wago.com/232-150/005-000</a>
	<b>Item no.: 232-150/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 20-pole; gray	<a href="http://www.wago.com/232-150/005-000/039-000">www.wago.com/232-150/005-000/039-000</a>
	<b>Item no.: 232-232/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 2-pole; gray	<a href="http://www.wago.com/232-232/005-000">www.wago.com/232-232/005-000</a>
	<b>Item no.: 232-232/005-000/039-000</b>	

Subject to changes.



Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 2-pole; gray [www.wago.com/232-232/005-000/039-000](http://www.wago.com/232-232/005-000/039-000)



**Item no.: 232-233/005-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 3-pole; gray [www.wago.com/232-233/005-000](http://www.wago.com/232-233/005-000)



**Item no.: 232-233/005-000/039-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 3-pole; gray [www.wago.com/232-233/005-000/039-000](http://www.wago.com/232-233/005-000/039-000)



**Item no.: 232-234/005-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 4-pole; gray [www.wago.com/232-234/005-000](http://www.wago.com/232-234/005-000)



**Item no.: 232-234/005-000/039-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 4-pole; gray [www.wago.com/232-234/005-000/039-000](http://www.wago.com/232-234/005-000/039-000)



**Item no.: 232-235/005-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 5-pole; gray [www.wago.com/232-235/005-000](http://www.wago.com/232-235/005-000)



**Item no.: 232-235/005-000/039-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 5-pole; gray [www.wago.com/232-235/005-000/039-000](http://www.wago.com/232-235/005-000/039-000)



**Item no.: 232-236/005-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 6-pole; gray [www.wago.com/232-236/005-000](http://www.wago.com/232-236/005-000)



**Item no.: 232-236/005-000/039-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 6-pole; gray [www.wago.com/232-236/005-000/039-000](http://www.wago.com/232-236/005-000/039-000)



**Item no.: 232-237/005-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 7-pole; gray [www.wago.com/232-237/005-000](http://www.wago.com/232-237/005-000)



**Item no.: 232-238/005-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 8-pole; gray [www.wago.com/232-238/005-000](http://www.wago.com/232-238/005-000)



**Item no.: 232-239/005-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 9-pole; gray [www.wago.com/232-239/005-000](http://www.wago.com/232-239/005-000)



**Item no.: 232-240/005-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 10-pole; gray [www.wago.com/232-240/005-000](http://www.wago.com/232-240/005-000)

**Item no.: 232-240/005-000/039-000**

Subject to changes.



Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 10-pole; gray

[www.wago.com/232-240/005-000/039-000](http://www.wago.com/232-240/005-000/039-000)



**Item no.: 232-242/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 12-pole; gray

[www.wago.com/232-242/005-000](http://www.wago.com/232-242/005-000)



**Item no.: 232-242/005-000/039-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 12-pole; gray

[www.wago.com/232-242/005-000/039-000](http://www.wago.com/232-242/005-000/039-000)



**Item no.: 232-246/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 16-pole; gray

[www.wago.com/232-246/005-000](http://www.wago.com/232-246/005-000)



**Item no.: 232-246/005-000/039-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 16-pole; gray

[www.wago.com/232-246/005-000/039-000](http://www.wago.com/232-246/005-000/039-000)



**Item no.: 232-250/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 20-pole; gray

[www.wago.com/232-250/005-000](http://www.wago.com/232-250/005-000)



**Item no.: 232-250/005-000/039-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 20-pole; gray

[www.wago.com/232-250/005-000/039-000](http://www.wago.com/232-250/005-000/039-000)



**Item no.: 232-732/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 7.5 mm; 2-pole; gray

[www.wago.com/232-732/005-000](http://www.wago.com/232-732/005-000)



**Item no.: 232-733/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 7.5 mm; 3-pole; gray

[www.wago.com/232-733/005-000](http://www.wago.com/232-733/005-000)



**Item no.: 232-734/005-000**

THT female header; 0.6 x 1.0 mm solder pin; gray

[www.wago.com/232-734/005-000](http://www.wago.com/232-734/005-000)



**Item no.: 232-734/005-000/039-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 7.5 mm; 4-pole; gray

[www.wago.com/232-734/005-000/039-000](http://www.wago.com/232-734/005-000/039-000)



**Item no.: 232-735/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 7.5 mm; 5-pole; gray

[www.wago.com/232-735/005-000](http://www.wago.com/232-735/005-000)



**Item no.: 232-735/005-000/039-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 7.5 mm; 5-pole; gray

[www.wago.com/232-735/005-000/039-000](http://www.wago.com/232-735/005-000/039-000)

**Item no.: 232-736/005-000**

Subject to changes.

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Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.














	Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 7.5 mm; 6-pole; gray	<a href="http://www.wago.com/232-736/005-000">www.wago.com/232-736/005-000</a>
	<b>Item no.: 232-736/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 7.5 mm; 6-pole; gray	<a href="http://www.wago.com/232-736/005-000/039-000">www.wago.com/232-736/005-000/039-000</a>
	<b>Item no.: 232-738/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 7.5 mm; 8-pole; gray	<a href="http://www.wago.com/232-738/005-000">www.wago.com/232-738/005-000</a>
	<b>Item no.: 232-740/005-000</b> THT female header; 0.6 x 1.0 mm solder pin; gray	<a href="http://www.wago.com/232-740/005-000">www.wago.com/232-740/005-000</a>
	<b>Item no.: 232-742/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 7.5 mm; 12-pole; gray	<a href="http://www.wago.com/232-742/005-000">www.wago.com/232-742/005-000</a>
	<b>Item no.: 232-832/005-000</b> THT female header; 0.6 x 1.0 mm solder pin; angled; Pin spacing 7.5 mm; 2-pole; gray	<a href="http://www.wago.com/232-832/005-000">www.wago.com/232-832/005-000</a>
	<b>Item no.: 232-833/005-000</b> THT female header; 0.6 x 1.0 mm solder pin; angled; Pin spacing 7.5 mm; 3-pole; gray	<a href="http://www.wago.com/232-833/005-000">www.wago.com/232-833/005-000</a>
	<b>Item no.: 232-834/005-000</b> THT female header; 0.6 x 1.0 mm solder pin; angled; Pin spacing 7.5 mm; 4-pole; gray	<a href="http://www.wago.com/232-834/005-000">www.wago.com/232-834/005-000</a>
	<b>Item no.: 232-836/005-000</b> THT female header; 0.6 x 1.0 mm solder pin; angled; Pin spacing 7.5 mm; 6-pole; gray	<a href="http://www.wago.com/232-836/005-000">www.wago.com/232-836/005-000</a>
	<b>Item no.: 232-836/005-000/039-000</b> THT female header; 0.6 x 1.0 mm solder pin; angled; Locking lever; Pin spacing 7.5 mm; 6-pole; gray	<a href="http://www.wago.com/232-836/005-000/039-000">www.wago.com/232-836/005-000/039-000</a>
	<b>Item no.: 232-840/005-000</b> THT female header; 0.6 x 1.0 mm solder pin; angled; Pin spacing 7.5 mm; 10-pole; gray	<a href="http://www.wago.com/232-840/005-000">www.wago.com/232-840/005-000</a>
	<b>Item no.: 232-842/005-000</b> THT female header; 0.6 x 1.0 mm solder pin; angled; Pin spacing 7.5 mm; 12-pole; gray	<a href="http://www.wago.com/232-842/005-000">www.wago.com/232-842/005-000</a>
	<b>Item no.: 722-132/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 2-pole; light gray	<a href="http://www.wago.com/722-132/005-000">www.wago.com/722-132/005-000</a>

**Item no.: 722-132/005-000/039-000**

Subject to changes.














	Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 2-pole; light gray	<a href="http://www.wago.com/722-132/005-000/039-000">www.wago.com/722-132/005-000/039-000</a>
	<b>Item no.: 722-133/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 3-pole; light gray	<a href="http://www.wago.com/722-133/005-000">www.wago.com/722-133/005-000</a>
	<b>Item no.: 722-133/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 3-pole; light gray	<a href="http://www.wago.com/722-133/005-000/039-000">www.wago.com/722-133/005-000/039-000</a>
	<b>Item no.: 722-134/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 4-pole; light gray	<a href="http://www.wago.com/722-134/005-000">www.wago.com/722-134/005-000</a>
	<b>Item no.: 722-134/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 4-pole; light gray	<a href="http://www.wago.com/722-134/005-000/039-000">www.wago.com/722-134/005-000/039-000</a>
	<b>Item no.: 722-135/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 5-pole; light gray	<a href="http://www.wago.com/722-135/005-000">www.wago.com/722-135/005-000</a>
	<b>Item no.: 722-135/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 5-pole; light gray	<a href="http://www.wago.com/722-135/005-000/039-000">www.wago.com/722-135/005-000/039-000</a>
	<b>Item no.: 722-136/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 6-pole; light gray	<a href="http://www.wago.com/722-136/005-000">www.wago.com/722-136/005-000</a>
	<b>Item no.: 722-136/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 6-pole; light gray	<a href="http://www.wago.com/722-136/005-000/039-000">www.wago.com/722-136/005-000/039-000</a>
	<b>Item no.: 722-137/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 7-pole; light gray	<a href="http://www.wago.com/722-137/005-000">www.wago.com/722-137/005-000</a>
	<b>Item no.: 722-137/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 7-pole; light gray	<a href="http://www.wago.com/722-137/005-000/039-000">www.wago.com/722-137/005-000/039-000</a>
	<b>Item no.: 722-138/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 8-pole; light gray	<a href="http://www.wago.com/722-138/005-000">www.wago.com/722-138/005-000</a>
	<b>Item no.: 722-138/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 8-pole; light gray	<a href="http://www.wago.com/722-138/005-000/039-000">www.wago.com/722-138/005-000/039-000</a>
	<b>Item no.: 722-139/005-000</b>	

Subject to changes.

	Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 9-pole; light gray	<a href="http://www.wago.com/722-139/005-000">www.wago.com/722-139/005-000</a>
	<b>Item no.: 722-139/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 9-pole; light gray	<a href="http://www.wago.com/722-139/005-000/039-000">www.wago.com/722-139/005-000/039-000</a>
	<b>Item no.: 722-140/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 10-pole; light gray	<a href="http://www.wago.com/722-140/005-000">www.wago.com/722-140/005-000</a>
	<b>Item no.: 722-140/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 10-pole; light gray	<a href="http://www.wago.com/722-140/005-000/039-000">www.wago.com/722-140/005-000/039-000</a>
	<b>Item no.: 722-141/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 11-pole; light gray	<a href="http://www.wago.com/722-141/005-000">www.wago.com/722-141/005-000</a>
	<b>Item no.: 722-142/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray	<a href="http://www.wago.com/722-142/005-000">www.wago.com/722-142/005-000</a>
	<b>Item no.: 722-142/005-007/039-000</b> Female connector for rail-mount terminal blocks; gray	<a href="http://www.wago.com/722-142/005-007/039-000">www.wago.com/722-142/005-007/039-000</a>
	<b>Item no.: 722-143/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 13-pole; light gray	<a href="http://www.wago.com/722-143/005-000">www.wago.com/722-143/005-000</a>
	<b>Item no.: 722-144/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 14-pole; light gray	<a href="http://www.wago.com/722-144/005-000">www.wago.com/722-144/005-000</a>
	<b>Item no.: 722-144/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 14-pole; light gray	<a href="http://www.wago.com/722-144/005-000/039-000">www.wago.com/722-144/005-000/039-000</a>
	<b>Item no.: 722-145/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 15-pole; light gray	<a href="http://www.wago.com/722-145/005-000">www.wago.com/722-145/005-000</a>
	<b>Item no.: 722-146/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 16-pole; light gray	<a href="http://www.wago.com/722-146/005-000">www.wago.com/722-146/005-000</a>
	<b>Item no.: 722-146/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 16-pole; light gray	<a href="http://www.wago.com/722-146/005-000/039-000">www.wago.com/722-146/005-000/039-000</a>

**Item no.: 722-150/005-000**

Subject to changes.

	Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 20-pole; light gray	<a href="http://www.wago.com/722-150/005-000">www.wago.com/722-150/005-000</a>
	<b>Item no.: 722-150/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 20-pole; light gray	<a href="http://www.wago.com/722-150/005-000/039-000">www.wago.com/722-150/005-000/039-000</a>
	<b>Item no.: 722-232/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 2-pole; light gray	<a href="http://www.wago.com/722-232/005-000">www.wago.com/722-232/005-000</a>
	<b>Item no.: 722-232/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 2-pole; light gray	<a href="http://www.wago.com/722-232/005-000/039-000">www.wago.com/722-232/005-000/039-000</a>
	<b>Item no.: 722-233/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 3-pole; light gray	<a href="http://www.wago.com/722-233/005-000">www.wago.com/722-233/005-000</a>
	<b>Item no.: 722-233/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 3-pole; light gray	<a href="http://www.wago.com/722-233/005-000/039-000">www.wago.com/722-233/005-000/039-000</a>
	<b>Item no.: 722-234/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 4-pole; light gray	<a href="http://www.wago.com/722-234/005-000">www.wago.com/722-234/005-000</a>
	<b>Item no.: 722-234/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 4-pole; light gray	<a href="http://www.wago.com/722-234/005-000/039-000">www.wago.com/722-234/005-000/039-000</a>
	<b>Item no.: 722-235/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 5-pole; light gray	<a href="http://www.wago.com/722-235/005-000">www.wago.com/722-235/005-000</a>
	<b>Item no.: 722-235/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 5-pole; light gray	<a href="http://www.wago.com/722-235/005-000/039-000">www.wago.com/722-235/005-000/039-000</a>
	<b>Item no.: 722-236/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 6-pole; light gray	<a href="http://www.wago.com/722-236/005-000">www.wago.com/722-236/005-000</a>
	<b>Item no.: 722-236/005-000/039-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 6-pole; light gray	<a href="http://www.wago.com/722-236/005-000/039-000">www.wago.com/722-236/005-000/039-000</a>
	<b>Item no.: 722-237/005-000</b> Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 7-pole; light gray	<a href="http://www.wago.com/722-237/005-000">www.wago.com/722-237/005-000</a>
	<b>Item no.: 722-237/005-000/039-000</b>	

Subject to changes.



Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 7-pole; light gray

[www.wago.com/722-237/005-000/039-000](http://www.wago.com/722-237/005-000/039-000)



**Item no.: 722-238/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 8-pole; light gray

[www.wago.com/722-238/005-000](http://www.wago.com/722-238/005-000)



**Item no.: 722-239/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 9-pole; light gray

[www.wago.com/722-239/005-000](http://www.wago.com/722-239/005-000)



**Item no.: 722-239/005-000/039-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 9-pole; light gray

[www.wago.com/722-239/005-000/039-000](http://www.wago.com/722-239/005-000/039-000)



**Item no.: 722-240/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 10-pole; light gray

[www.wago.com/722-240/005-000](http://www.wago.com/722-240/005-000)



**Item no.: 722-240/005-000/039-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 10-pole; light gray

[www.wago.com/722-240/005-000/039-000](http://www.wago.com/722-240/005-000/039-000)



**Item no.: 722-241/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 11-pole; light gray

[www.wago.com/722-241/005-000](http://www.wago.com/722-241/005-000)



**Item no.: 722-242/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray

[www.wago.com/722-242/005-000](http://www.wago.com/722-242/005-000)



**Item no.: 722-242/005-000/039-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 12-pole; light gray

[www.wago.com/722-242/005-000/039-000](http://www.wago.com/722-242/005-000/039-000)



**Item no.: 722-243/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 13-pole; light gray

[www.wago.com/722-243/005-000](http://www.wago.com/722-243/005-000)



**Item no.: 722-244/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 14-pole; light gray

[www.wago.com/722-244/005-000](http://www.wago.com/722-244/005-000)



**Item no.: 722-244/005-000/039-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 14-pole; light gray

[www.wago.com/722-244/005-000/039-000](http://www.wago.com/722-244/005-000/039-000)



**Item no.: 722-246/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 16-pole; light gray

[www.wago.com/722-246/005-000](http://www.wago.com/722-246/005-000)

**Item no.: 722-246/005-000/039-000**

Subject to changes.

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Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 16-pole; light gray

[www.wago.com/722-246/005-000/039-000](http://www.wago.com/722-246/005-000/039-000)



**Item no.: 722-250/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Pin spacing 5 mm; 20-pole; light gray

[www.wago.com/722-250/005-000](http://www.wago.com/722-250/005-000)

**Jumper**



**Item no.: 210-103**

Wire commoning chain; insulated; 50 connections; black

[www.wago.com/210-103](http://www.wago.com/210-103)



**Item no.: 210-123**

Wire commoning chain; insulated; 50 connections

[www.wago.com/210-123](http://www.wago.com/210-123)



**Item no.: 249-123**

Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm<sup>2</sup>

[www.wago.com/249-123](http://www.wago.com/249-123)



**Item no.: 249-125**

Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm<sup>2</sup>

[www.wago.com/249-125](http://www.wago.com/249-125)



**Item no.: 249-126**

Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm<sup>2</sup>

[www.wago.com/249-126](http://www.wago.com/249-126)



**Item no.: 249-127**

Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm<sup>2</sup>

[www.wago.com/249-127](http://www.wago.com/249-127)



**Item no.: 280-402**

Adjacent jumper; insulated; IN = IN terminal block; gray

[www.wago.com/280-402](http://www.wago.com/280-402)



**Item no.: 280-409**

Alternate jumper; insulated; IN = IN terminal block; gray

[www.wago.com/280-409](http://www.wago.com/280-409)



**Item no.: 280-422**

Adjacent jumper; insulated; IN = IN terminal block; yellow-green

[www.wago.com/280-422](http://www.wago.com/280-422)



**Item no.: 280-482**

Comb-style jumper bar; insulated; 2-way; IN = IN terminal block; gray

[www.wago.com/280-482](http://www.wago.com/280-482)



**Item no.: 280-483**

Comb-style jumper bar; insulated; 3-way; IN = IN terminal block; gray

[www.wago.com/280-483](http://www.wago.com/280-483)



**Item no.: 280-484**

Comb-style jumper bar; insulated; 4-way; IN = IN terminal block; gray

[www.wago.com/280-484](http://www.wago.com/280-484)



**Item no.: 280-485**

Comb-style jumper bar; insulated; 5-way; IN = IN terminal block; gray

[www.wago.com/280-485](http://www.wago.com/280-485)



**Item no.: 280-490**

Comb-style jumper bar; insulated; 10-way; IN = IN terminal block; gray

[www.wago.com/280-490](http://www.wago.com/280-490)















**Item no.: 280-492**

Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block; gray

[www.wago.com/280-492](http://www.wago.com/280-492)

Subject to changes.

	<b>Item no.: 281-402</b> Adjacent jumper; insulated; IN = IN terminal block; gray	<a href="http://www.wago.com/281-402">www.wago.com/281-402</a>
	<b>Item no.: 284-414</b> Step-down jumper; insulated; from 10/6 mm <sup>2</sup> to 4/2.5/1.5 mm <sup>2</sup> ; Nominal current 15 A; gray	<a href="http://www.wago.com/284-414">www.wago.com/284-414</a>
	<b>Item no.: 709-110</b> Wire commoning chain; insulated; 4 connections; 3 x 110 mm; black	<a href="http://www.wago.com/709-110">www.wago.com/709-110</a>
	<b>Item no.: 709-111</b> Wire commoning chain; insulated; 3 connections; 2 x 120 mm; black	<a href="http://www.wago.com/709-111">www.wago.com/709-111</a>
	<b>Item no.: 709-112</b> Wire commoning chain; insulated; 3 connections; 2 x 170 mm; black	<a href="http://www.wago.com/709-112">www.wago.com/709-112</a>
	<b>Item no.: 780-452</b> Staggered jumper; insulated; from 1 to 2; Spacing: 5 mm; suitable for 2-conductor female plugs; gray	<a href="http://www.wago.com/780-452">www.wago.com/780-452</a>
	<b>Item no.: 780-453</b> Staggered jumper; insulated; from 1 to 3; Spacing: 5 mm; suitable for 2-conductor female plugs; gray	<a href="http://www.wago.com/780-453">www.wago.com/780-453</a>
	<b>Item no.: 780-454</b> Staggered jumper; insulated; from 1 to 4; Spacing: 5 mm; suitable for 2-conductor female plugs; gray	<a href="http://www.wago.com/780-454">www.wago.com/780-454</a>
	<b>Item no.: 780-455</b> Staggered jumper; insulated; from 1 to 5; Spacing: 5 mm; suitable for 2-conductor female plugs; gray	<a href="http://www.wago.com/780-455">www.wago.com/780-455</a>
	<b>Item no.: 780-456</b> Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs; gray	<a href="http://www.wago.com/780-456">www.wago.com/780-456</a>
	<b>Item no.: 780-457</b> Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs; gray	<a href="http://www.wago.com/780-457">www.wago.com/780-457</a>
	<b>Item no.: 780-458</b> Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs; gray	<a href="http://www.wago.com/780-458">www.wago.com/780-458</a>

## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 280-604	URL	Download
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### CAE data

Subject to changes.

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 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

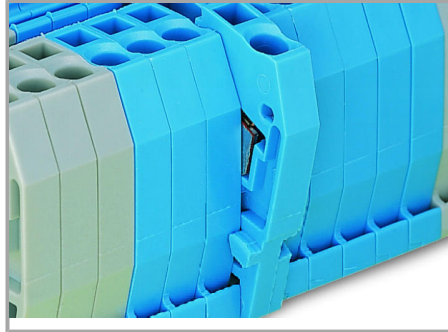
Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.

## Installation Notes

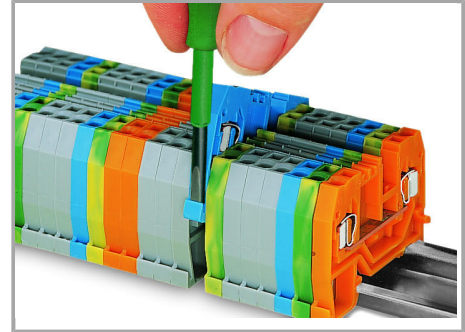
### Assembly



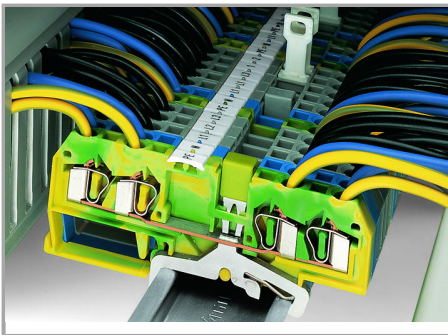
Snapping a terminal block onto the carrier rail.



Quick assembly keys prevent reverse mounting.



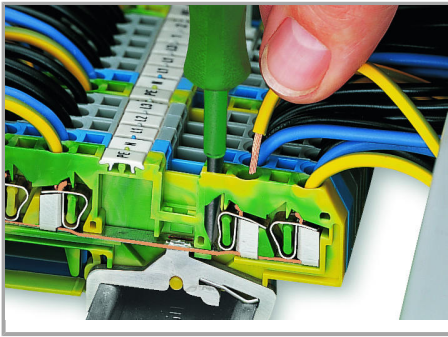
Removing a terminal block from the assembly.



Steel carrier rails are not suited for PEN (ground and N-conductor) applications per EN 60947-7-2 (VDE 0611, Part 3).

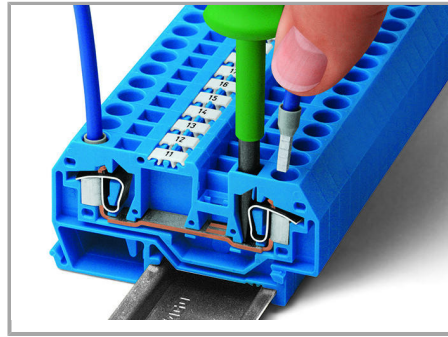
### Inserting a conductor

Subject to changes.



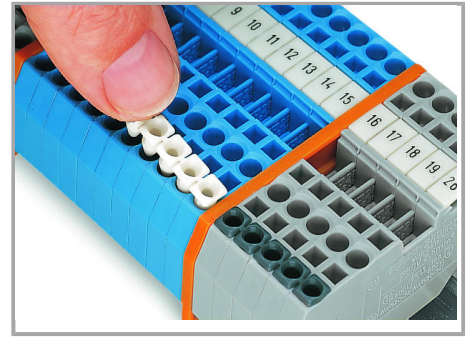
CAGE CLAMP® connection

Inserting a conductor.



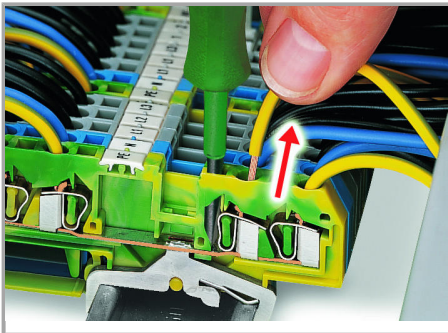
CAGE CLAMP® connection

Inserting a conductor.



Inserting insulation stops.

With ferruled conductors, it is necessary to use a terminal block one size larger than the conductor's nominal cross-section.

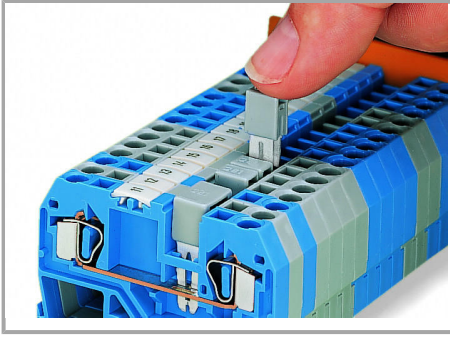


CAGE CLAMP®-Anschluss

Leiter lösen.

Jumpered

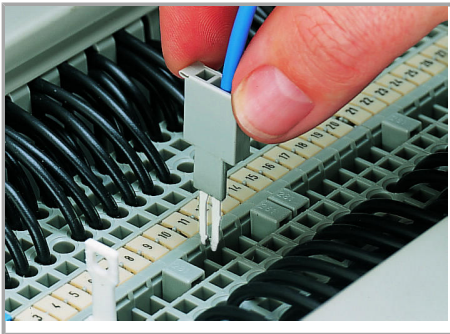
Subject to changes.



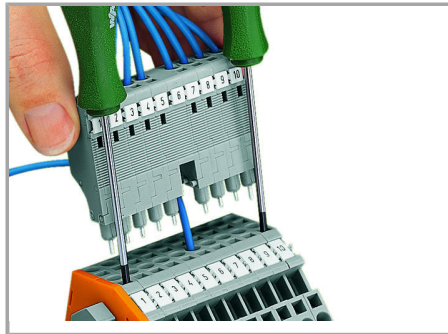
Commoning using an adjacent jumper (280-402).

Push jumper down until fully inserted.

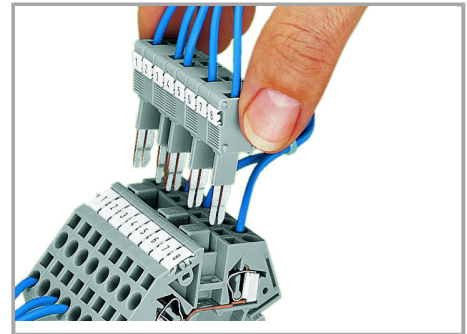
### Testing



Testing with a test plug



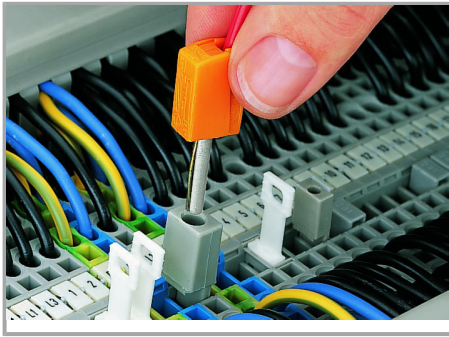
L-type test plug modules fitted with CAGE CLAMP®



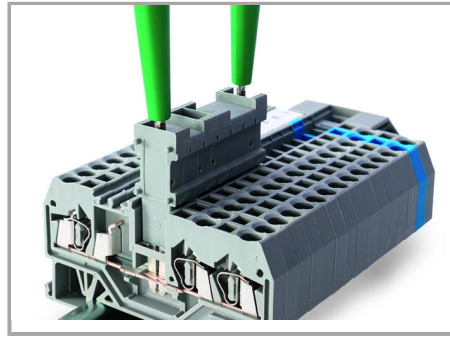
B-type test plug modules fitted with CAGE CLAMP®

(picture shows a test plug fitted with CAGE CLAMP®).

Subject to changes.



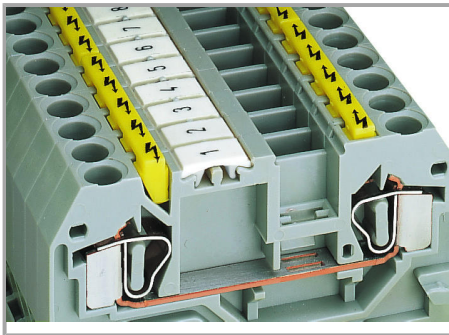
Testing with a test plug



The test plug modules are directly plugged into the jumper contact slot of the current bar.

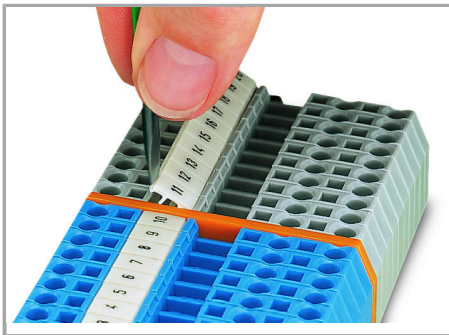
(picture shows 209-170 Test Plug Adapter).

#### Cover



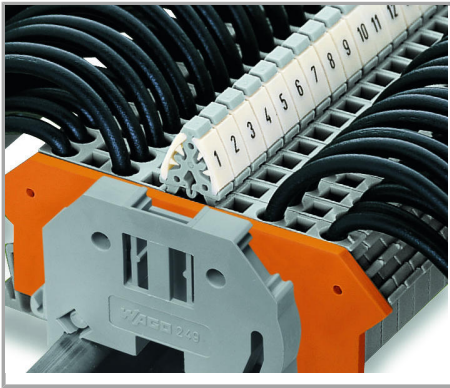
Protective warning markers inserted into the operating slots.

#### Marking



Marking via WMB Multi Marking System.

Subject to changes.



Terminal block marking with double marker carriers (209-128) for terminal blocks with side marking

Subject to changes.