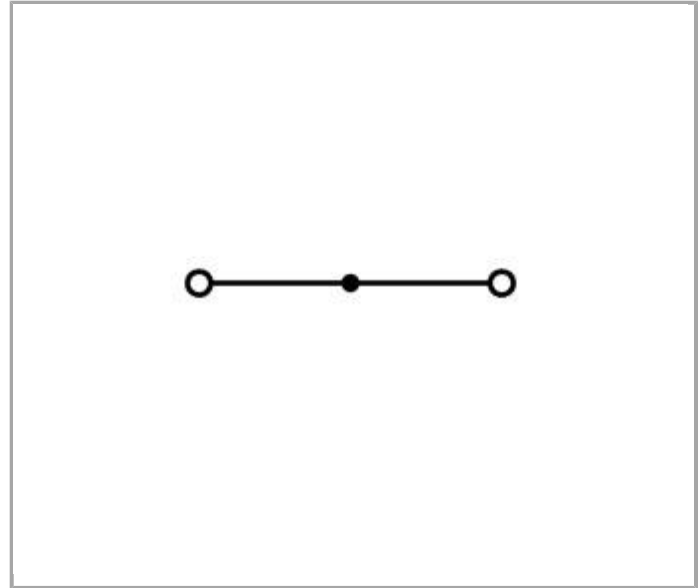
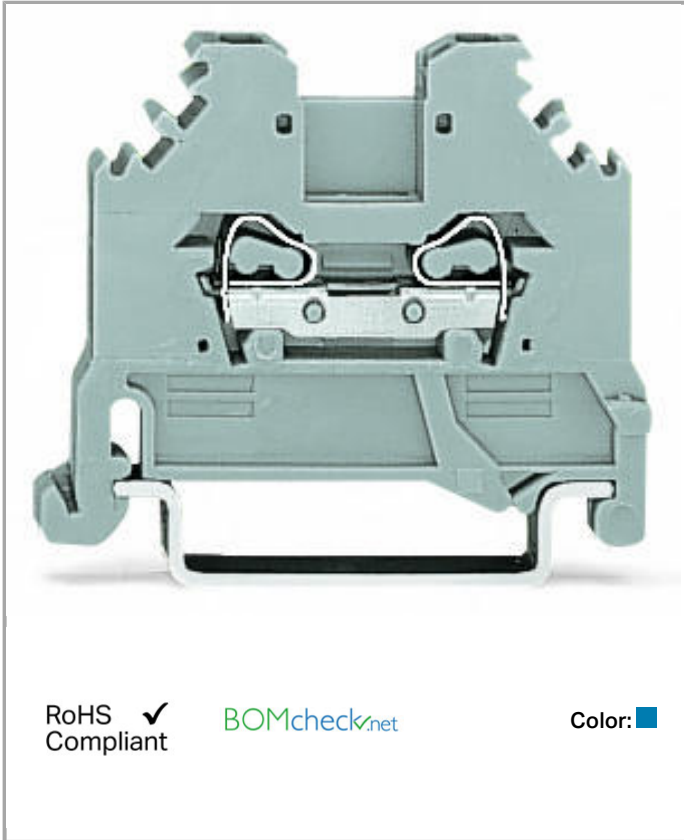


## Data sheet | Item number: 279-104

2-conductor through terminal block; 1.5 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®



[www.wago.com/279-104](http://www.wago.com/279-104)



RoHS   
Compliant

BOMcheck.net

Color: ■

### Data

#### Electrical data

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

Rated voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated current	18 A
Legend (ratings)	(III / 3) ≙ 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 ... 1.5 mm <sup>2</sup> / 28 ... 16 AWG

Fine-stranded conductor	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 16 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 Inch
Total number of connection points	2
Total number of potentials	1
Number of levels	1
Type of wiring	Side-entry wiring

### Geometrical Data

Width	4 mm / 0.157 inch
Height from upper-edge of DIN-35 rail	30.5 mm / 1.201 inch
Depth	42.5 mm / 1.673 inch

### Mechanical data

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

### Material Data



Color	blue
Fire load	0.08 MJ
Weight	3.15 g

### Commercial data




Country of origin	IN
GTIN	4045454026455
Customs Tariff No.	85369010000
Product Group	1 (Rail Mounted Terminal Blocks)

### Approvals / Certificates

#### Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	NTR NL-7081
	KEMA/KEUR DEKRA Certification B.V.	2160584.04

#### Ship Approvals







Logo	Approval	Certificate name
	<b>ABS</b> American Bureau of Shipping	14-HG1293677-PDA
	<b>BV</b> Bureau Veritas S.A.	07436/E0 BV
	<b>LR</b> Lloyds Register	91/20112 (E9)

















## UL-Approvals

Logo	Approval	Certificate name
	<b>UR</b> Underwriters Laboratories Inc.	E45172

## Compatible products

## Marking accessories

	<b>Item no.: 2009-114</b> WMB-Inline; for smartPRINTER; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-114">www.wago.com/2009-114</a>
	<b>Item no.: 2009-114/000-002</b> WMB-Inline; for smartPRINTER; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-114/000-002">www.wago.com/2009-114/000-002</a>
	<b>Item no.: 2009-114/000-005</b> WMB-Inline; for smartPRINTER; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-114/000-005">www.wago.com/2009-114/000-005</a>
	<b>Item no.: 2009-114/000-006</b> WMB-Inline; for smartPRINTER; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-114/000-006">www.wago.com/2009-114/000-006</a>
	<b>Item no.: 2009-114/000-007</b> WMB-Inline; for smartPRINTER; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-114/000-007">www.wago.com/2009-114/000-007</a>
	<b>Item no.: 2009-114/000-012</b> WMB-Inline; for smartPRINTER; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-114/000-012">www.wago.com/2009-114/000-012</a>
	<b>Item no.: 2009-114/000-023</b> WMB-Inline; for smartPRINTER; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-114/000-023">www.wago.com/2009-114/000-023</a>

	<p><b>Item no.: 2009-114/000-024</b> WMB-Inline; for smartPRINTER; on reel; stretchable 4 - 4.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/2009-114/000-024">www.wago.com/2009-114/000-024</a>
	<p><b>Item no.: 209-140</b> Group marker carrier</p>	<a href="http://www.wago.com/209-140">www.wago.com/209-140</a>
	<p><b>Item no.: 209-141</b> Group marker carrier</p>	<a href="http://www.wago.com/209-141">www.wago.com/209-141</a>
	<p><b>Item no.: 209-142</b> Group marker carrier</p>	<a href="http://www.wago.com/209-142">www.wago.com/209-142</a>
	<p><b>Item no.: 793-4501</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-4501">www.wago.com/793-4501</a>
	<p><b>Item no.: 793-4501/000-002</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-4501/000-002">www.wago.com/793-4501/000-002</a>
	<p><b>Item no.: 793-4501/000-005</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-4501/000-005">www.wago.com/793-4501/000-005</a>
	<p><b>Item no.: 793-4501/000-006</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-4501/000-006">www.wago.com/793-4501/000-006</a>
	<p><b>Item no.: 793-4501/000-007</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-4501/000-007">www.wago.com/793-4501/000-007</a>
	<p><b>Item no.: 793-4501/000-012</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-4501/000-012">www.wago.com/793-4501/000-012</a>
	<p><b>Item no.: 793-4501/000-017</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-4501/000-017">www.wago.com/793-4501/000-017</a>
	<p><b>Item no.: 793-4501/000-023</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-4501/000-023">www.wago.com/793-4501/000-023</a>
	<p><b>Item no.: 793-4501/000-024</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-4501/000-024">www.wago.com/793-4501/000-024</a>
<b>Jumper</b>		
	<p><b>Item no.: 249-123</b> Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm<sup>2</sup></p>	<a href="http://www.wago.com/249-123">www.wago.com/249-123</a>
	<p><b>Item no.: 249-125</b> Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm<sup>2</sup></p>	<a href="http://www.wago.com/249-125">www.wago.com/249-125</a>
	<p><b>Item no.: 249-126</b> Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm<sup>2</sup></p>	<a href="http://www.wago.com/249-126">www.wago.com/249-126</a>



**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.: 279-402**

Adjacent jumper; insulated; Nominal current 15 A

[www.wago.com/279-402](http://www.wago.com/279-402)



**Item no.: 279-409**

Alternate jumper; insulated; Nominal current 15 A

[www.wago.com/279-409](http://www.wago.com/279-409)



**Item no.: 279-422**

Adjacent jumper; insulated; Nominal current 15 A

[www.wago.com/279-422](http://www.wago.com/279-422)



**Item no.: 284-414**

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

[www.wago.com/284-414](http://www.wago.com/284-414)

#### End plate



**Item no.: 280-301**

End and intermediate plate; 2.5 mm thick

[www.wago.com/280-301](http://www.wago.com/280-301)



**Item no.: 280-302**

End and intermediate plate; 2.5 mm thick

[www.wago.com/280-302](http://www.wago.com/280-302)



**Item no.: 280-322**

Separator plate; 2 mm thick; oversized

[www.wago.com/280-322](http://www.wago.com/280-322)



**Item no.: 280-332**

Separator plate; 2 mm thick; oversized

[www.wago.com/280-332](http://www.wago.com/280-332)



**Item no.: 281-333**

Step-down intermediate plate; 1 mm thick; "only for 4 mm terminal blocks

[www.wago.com/281-333](http://www.wago.com/281-333)



**Item no.: 281-336**

Step-down intermediate plate; 1 mm thick; "only for 4 mm terminal blocks

[www.wago.com/281-336](http://www.wago.com/281-336)

#### tools



**Item no.: 210-647**

Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short

[www.wago.com/210-647](http://www.wago.com/210-647)



**Item no.: 210-648**

Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled

[www.wago.com/210-648](http://www.wago.com/210-648)



**Item no.: 210-719**

Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

[www.wago.com/210-719](http://www.wago.com/210-719)

#### General accessories



**Item no.: 249-105**

Group marker carrier

[www.wago.com/249-105](http://www.wago.com/249-105)



**Item no.: 280-404**

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

[www.wago.com/280-404](http://www.wago.com/280-404)

#### Protective Warning Marker



**Item no.: 279-405**

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

[www.wago.com/279-405](http://www.wago.com/279-405)

## assembling



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

[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

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

## 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.: 216-201**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; insulated; electro-tin plated

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



**Item no.: 216-202**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; insulated; electro-tin plated

[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

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



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

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



**Item no.: 216-302**  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated

[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)



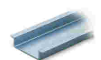
**Item no.: 210-115**  
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm

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



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

[www.wago.com/210-118](http://www.wago.com/210-118)









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

[www.wago.com/210-196](http://www.wago.com/210-196)



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

[www.wago.com/210-197](http://www.wago.com/210-197)

	<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	<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>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	<a href="http://www.wago.com/209-170">www.wago.com/209-170</a>

**Downloads**

**Documentation**

**Bid Text**

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**smartDATA**

**CAD data**

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Subject to changes.

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