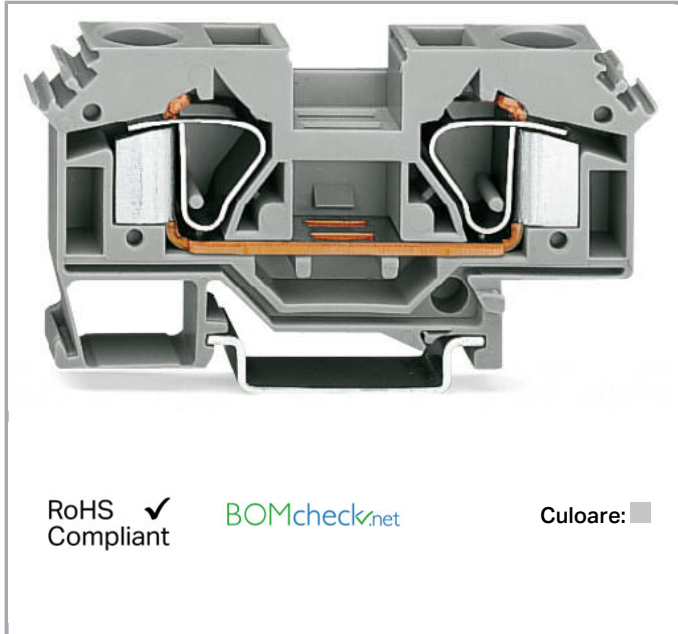


## Fișă tehnică | Număr articol: 283-691

2-conductor through terminal block; 16 mm<sup>2</sup>; suitable for Ex e II applications; lateral marker slots; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 16,00 mm<sup>2</sup>; light gray

[www.wago.com/283-691](http://www.wago.com/283-691)



RoHS  Compliant

BOMcheck.net

Culoare:

### Date

#### Electrical data

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

Ratings per IEC/EN 60947-7-1

#### Approvals Ex

Rated voltage EN (Ex e II) 550 V

Rated current (Ex e II) 72 A

#### Connection data

Connection technology CAGE CLAMP®

Actuation type Operating tool

Connectable conductor materials Copper

Solid conductor 0,2 ... 16 mm<sup>2</sup> / 24 ... 6 AWG

Fine-stranded conductor 0,2 ... 16 mm<sup>2</sup> / 24 ... 6 AWG

Supus modificărilor.

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Strip length	16 ... 17 mm / 0.63 ... 0.67 inch
Total number of connection points	2
Total number of potentials	1
Number of levels	1
Wiring type	Front-entry wiring

### Geometrical Data

Width	12 mm / 0.472 inch
Height from upper-edge of DIN-rail	37,5 mm / 1.476 inch
Depth	80 mm / 3.15 inch

### Mechanical data

Design	horizontal
Mounting type	DIN-35 rail
Marking level	Side marking

### Material Data


Color	light gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0,465 MJ
Weight	31,4 g

### Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX
Country of origin	DE
GTIN	4044918308229
Customs tariff number	85369010000

### Aprobări / certificate




#### Ex-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ATEX Physikalisch Technische Bundesanstalt (PTB)	-	PTB 98 ATEX





Supus modificărilor.

3132 U  
(II 2 G/D  
EEEx e II)

## Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7456/A1
	CSA DEKRA Certification B.V.	C22.2 No. 158	1536072
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2187239.03

## Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS American Bureau of Shipping	-	20-HG1941090-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)

## UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UR	UL 1059	E45172

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Underwriters Laboratories Inc.

## Counterpart

## Produse compatibile

### assembling

**Nr. articol: 209-106**

Mounting carrier; for isolated mounting on DIN 35 rails; gray

[www.wago.com/209-106](http://www.wago.com/209-106)**Nr. articol: 709-154**

Cover; Type 2; suitable for cover carrier, type 2; 1 m long; transparent

[www.wago.com/709-154](http://www.wago.com/709-154)

### Jumper

**Nr. articol: 283-402**

Adjacent jumper; insulated; Nominal current 70 A; gray

[www.wago.com/283-402](http://www.wago.com/283-402)**Nr. articol: 283-409**

Alternate jumper; insulated; Nominal current 76 A; gray

[www.wago.com/283-409](http://www.wago.com/283-409)**Nr. articol: 283-422**

Adjacent jumper; insulated; Nominal current 70 A; yellow-green

[www.wago.com/283-422](http://www.wago.com/283-422)**Nr. articol: 285-435**

Adjacent jumper; insulated; Nominal current 85 A; gray

[www.wago.com/285-435](http://www.wago.com/285-435)

### Marking accessories

**Nr. articol: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

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















WMB-Inline; for Smart Printer; 1500 pieces on roll; 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)

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	<b>Nr. articol: 2009-115/000-006</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	<a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</a>
	<b>Nr. articol: 2009-115/000-007</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a>
	<b>Nr. articol: 2009-115/000-012</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a>
	<b>Nr. articol: 2009-115/000-017</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green	<a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a>
	<b>Nr. articol: 2009-115/000-023</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a>
	<b>Nr. articol: 2009-115/000-024</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a>
	<b>Nr. articol: 209-185</b> Adaptor; gray	<a href="http://www.wago.com/209-185">www.wago.com/209-185</a>
	<b>Nr. articol: 249-105</b> Group marker carrier; gray	<a href="http://www.wago.com/249-105">www.wago.com/249-105</a>
	<b>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>

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**Nr. articol:** 793-501/000-017

WMB marking card; as card; not stretchable; plain; snap-on type; light green

[www.wago.com/793-501/000-017](http://www.wago.com/793-501/000-017)**Nr. articol:** 793-501/000-023

WMB marking card; as card; not stretchable; plain; snap-on type; green

[www.wago.com/793-501/000-023](http://www.wago.com/793-501/000-023)**Nr. articol:** 793-501/000-024

WMB marking card; as card; not stretchable; plain; snap-on type; violet

[www.wago.com/793-501/000-024](http://www.wago.com/793-501/000-024)**Nr. articol:** 793-5501

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/793-5501](http://www.wago.com/793-5501)**Nr. articol:** 793-5501/000-002

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

[www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)**Nr. articol:** 793-5501/000-005

WMB marking card; as card; for terminal block width 5 - 17.5 mm; 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)**Nr. articol:** 793-5501/000-006

WMB marking card; as card; for terminal block width 5 - 17.5 mm; 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)**Nr. articol:** 793-5501/000-007

WMB marking card; as card; for terminal block width 5 - 17.5 mm; 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)**Nr. articol:** 793-5501/000-012

WMB marking card; as card; for terminal block width 5 - 17.5 mm; 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)**Nr. articol:** 793-5501/000-017

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green

[www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)**Nr. articol:** 793-5501/000-023

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green

[www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)**Nr. articol:** 793-5501/000-024

WMB marking card; as card; for terminal block width 5 - 17.5 mm; 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)**protection****Nr. articol:** 283-400

Finger guard; touchproof cover protects unused conductor entries; yellow

[www.wago.com/283-400](http://www.wago.com/283-400)**tools****Nr. articol:** 210-721

Supus modificărilor.



Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft

[www.wago.com/210-721](http://www.wago.com/210-721)


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**Protective Warning Marker**
**Nr. articol: 283-415**

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

[www.wago.com/283-415](http://www.wago.com/283-415)


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**potential distribution**
**Nr. articol: 283-407**Power tap; with 500 mm cable; for 16 mm<sup>2</sup> (283/783 Series) and 35 mm<sup>2</sup>; gray[www.wago.com/283-407](http://www.wago.com/283-407)


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**ferrule**
**Nr. articol: 216-108**Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; uninsulated; electro-tin plated[www.wago.com/216-108](http://www.wago.com/216-108)**Nr. articol: 216-109**Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; uninsulated; electro-tin plated[www.wago.com/216-109](http://www.wago.com/216-109)**Nr. articol: 216-284**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[www.wago.com/216-284](http://www.wago.com/216-284)**Nr. articol: 216-286**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[www.wago.com/216-286](http://www.wago.com/216-286)**Nr. articol: 216-287**Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray[www.wago.com/216-287](http://www.wago.com/216-287)**Nr. articol: 216-288**Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow[www.wago.com/216-288](http://www.wago.com/216-288)**Nr. articol: 216-289**Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red[www.wago.com/216-289](http://www.wago.com/216-289)


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**End plate**
**Nr. articol: 283-318**

End and intermediate plate; 4 mm thick; light gray

[www.wago.com/283-318](http://www.wago.com/283-318)**Nr. articol: 283-338**

Separator plate; 2 mm thick; oversized; light gray

[www.wago.com/283-338](http://www.wago.com/283-338)


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**Carrier rail**
**Nr. articol: 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)**Nr. articol: 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)**Nr. articol: 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)

Supus modificărilor.

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






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Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

	<b>Nr. articol: 210-115</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm	<a href="http://www.wago.com/210-115">www.wago.com/210-115</a>
	<b>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>

## Descărcări

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 2,1 MB	Descărcare
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## CAD/CAE-Data

### CAD data

2D/3D Models 283-691	URL	Descărcare
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### CAE data

EPLAN Data Portal 283-691	URL	Descărcare
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WSCAD Universe 283-691	URL	Descărcare
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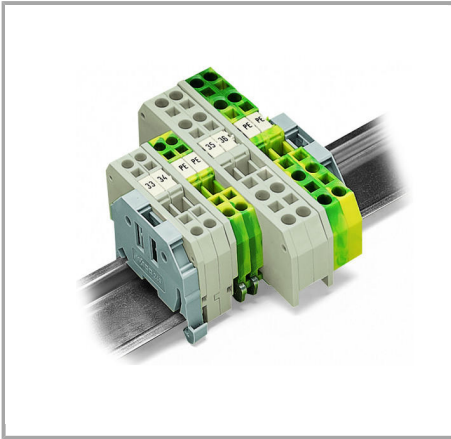
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## Installation Notes

### Assembly



### End and intermediate plate

In order to meet creepage and clearance requirements for Ex e applications, it is necessary to insert an end or intermediate plate between a through and a ground conductor terminal block.

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