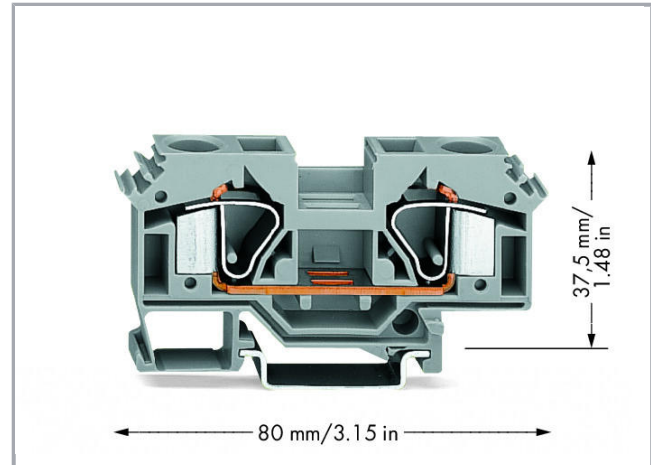
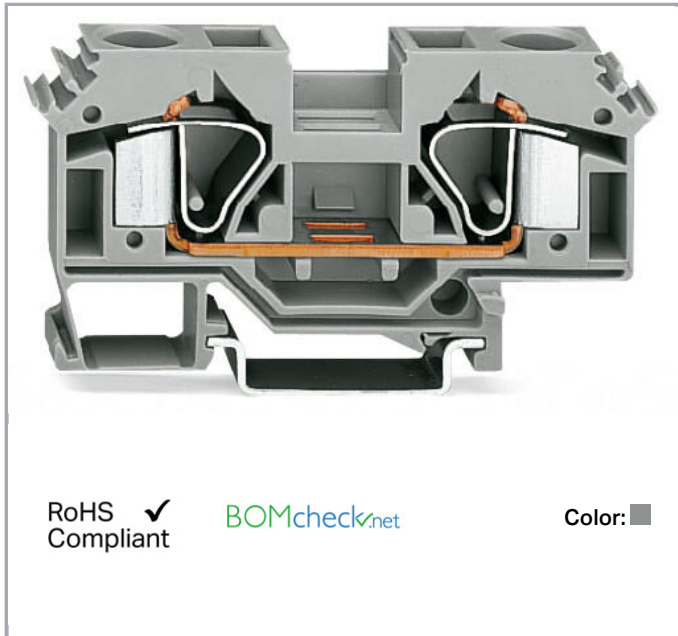


Data sheet | Item number: 283-601

2-conductor through terminal block; 16 mm²; lateral marker slots; for DIN-rail
35 x 15 and 35 x 7.5; CAGE CLAMP®; 16,00 mm²; gray

www.wago.com/283-601



RoHS
Compliant

BOMcheck.net

Color: ■

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	800 V
Rated surge voltage (III/3)	8 kV
Rated current	76 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
Solid conductor	0,2 ... 16 mm ² / 24 ... 6 AWG
Fine-stranded conductor	0,2 ... 16 mm ² / 24 ... 6 AWG

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

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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 type
Mounting type	DIN-35 rail
Marking level	Side marking

Material Data

Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0.467 MJ
Weight	31.8 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX
Country of origin	CN
GTIN	4050821413134
Customs tariff number	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7456/A1

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CSA
DEKRA Certification B.V.

C22.2 No. 158

1536072



KEMA/KEUR
DEKRA Certification B.V.

EN 60947

2187239.03

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	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

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

Counterpart

Compatible products

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

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End plate

	Item no.: 283-327 Separator plate; 2 mm thick; oversized; orange	www.wago.com/283-327
	Item no.: 283-334 Step-down cover plate; 1 mm thick; only for 2-conductor 283-601 terminal block; gray	www.wago.com/283-334
	Item no.: 283-336 Step-down cover plate; 1 mm thick; only for 2-conductor 283-601 terminal block; orange	www.wago.com/283-336
	Item no.: 283-337 Separator plate; 2 mm thick; oversized; gray	www.wago.com/283-337

Marking accessories

	Item no.: 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
	Item no.: 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
	Item no.: 2009-115/000-006 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	www.wago.com/2009-115/000-006
	Item no.: 2009-115/000-007 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	www.wago.com/2009-115/000-007
	Item no.: 2009-115/000-012 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	www.wago.com/2009-115/000-012
	Item no.: 2009-115/000-017 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green	www.wago.com/2009-115/000-017
	Item no.: 2009-115/000-023 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	www.wago.com/2009-115/000-023
	Item no.: 2009-115/000-024 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	www.wago.com/2009-115/000-024

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



Item no.: 209-185
Adaptor; gray

www.wago.com/209-185



Item no.: 249-105
Group marker carrier; gray

www.wago.com/249-105



Item no.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/793-501



Item no.: 793-501/000-002
WMB marking card; as card; not stretchable; plain; snap-on type; yellow

www.wago.com/793-501/000-002



Item no.: 793-501/000-005
WMB marking card; as card; not stretchable; plain; snap-on type; red

www.wago.com/793-501/000-005



Item no.: 793-501/000-006
WMB marking card; as card; not stretchable; plain; snap-on type; blue

www.wago.com/793-501/000-006



Item no.: 793-501/000-007
WMB marking card; as card; not stretchable; plain; snap-on type; gray

www.wago.com/793-501/000-007



Item no.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type; orange

www.wago.com/793-501/000-012



Item no.: 793-501/000-017
WMB marking card; as card; not stretchable; plain; snap-on type; light green

www.wago.com/793-501/000-017



Item no.: 793-501/000-023
WMB marking card; as card; not stretchable; plain; snap-on type; green

www.wago.com/793-501/000-023



Item no.: 793-501/000-024
WMB marking card; as card; not stretchable; plain; snap-on type; violet

www.wago.com/793-501/000-024



Item no.: 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



Item no.: 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

Item no.: 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

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



type; red

www.wago.com/793-5501/000-005
**Item no.: 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
**Item no.: 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
**Item no.: 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
**Item no.: 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
**Item no.: 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
**Item no.: 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

ferrule

**Item no.: 216-108**Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated
www.wago.com/216-108
**Item no.: 216-109**Ferrule; Sleeve for 10 mm² / AWG 8; uninsulated; electro-tin plated
www.wago.com/216-109
**Item no.: 216-284**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black
www.wago.com/216-284
**Item no.: 216-286**Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue
www.wago.com/216-286
**Item no.: 216-287**Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray
www.wago.com/216-287
**Item no.: 216-288**Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow
www.wago.com/216-288
**Item no.: 216-289**Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red
www.wago.com/216-289

check

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

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**Item no.: 283-404**

Test plug adapter; 11.6 mm wide; for 4 mm Ø test plugs; gray

www.wago.com/283-404**tools****Item no.: 210-721**

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

www.wago.com/210-721**assembling****Item no.: 209-106**

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

www.wago.com/209-106**Item no.: 709-154**

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

www.wago.com/709-154**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**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**Item no.: 210-114**

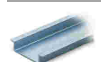
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

www.wago.com/210-114**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**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**Item no.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

www.wago.com/210-196**Item no.: 210-197**

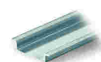
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715

www.wago.com/210-197**Item no.: 210-198**

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

www.wago.com/210-198**Item no.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715

www.wago.com/210-504**Item no.: 210-505**

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

www.wago.com/210-505**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715

www.wago.com/210-506**Item no.: 210-508**

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

www.wago.com/210-508**Jumper****Item no.: 283-402**

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

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Adjacent jumper; insulated; Nominal current 70 A; gray

www.wago.com/283-402**Item no.: 283-409**

Alternate jumper; insulated; Nominal current 76 A; gray

www.wago.com/283-409**Item no.: 283-414**Step-down jumper; insulated; from 16 mm² to 4 mm²; Nominal current 32 A; graywww.wago.com/283-414**Item no.: 283-422**

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

www.wago.com/283-422**Item no.: 285-435**

Adjacent jumper; insulated; Nominal current 85 A; gray

www.wago.com/285-435**protection****Item no.: 283-400**

Finger guard; touchproof cover protects unused conductor entries; yellow

www.wago.com/283-400**potential distribution****Item no.: 283-407**Power tap; with 500 mm cable; for 16 mm² (283/783 Series) and 35 mm²; graywww.wago.com/283-407**Protective Warning Marker****Item no.: 283-415**

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

www.wago.com/283-415**Downloads****Documentation****Additional Information**

Technical explanations

Apr 3, 2019

pdf
2.1 MB

Download

CAD/CAE-Data**CAD data**

2D/3D Models 283-601

URL

Download

CAE data

EPLAN Data Portal 283-601

URL

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WSCAD Universe 283-601

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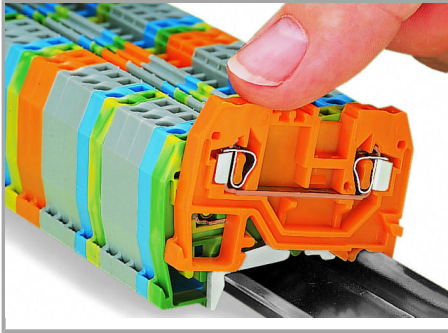
Email: info.de@wago.com | Web: www.wago.com

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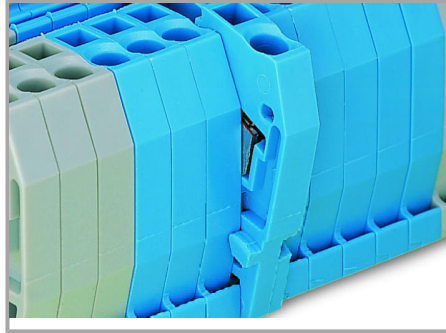
We are always happy to take your call at +49 (571) 887-44222.

Handling Instructions

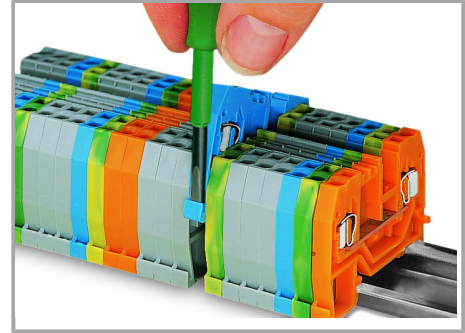
Assembly



Snapping a terminal block onto the carrier rail.



Quick assembly keys prevent reverse mounting.



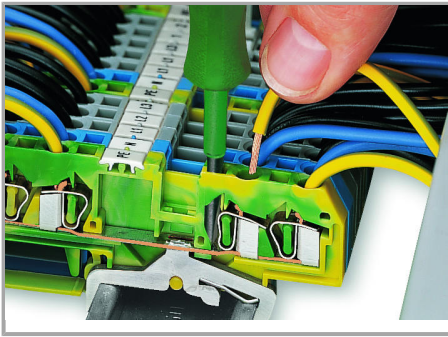
Removing a terminal block from the assembly.



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

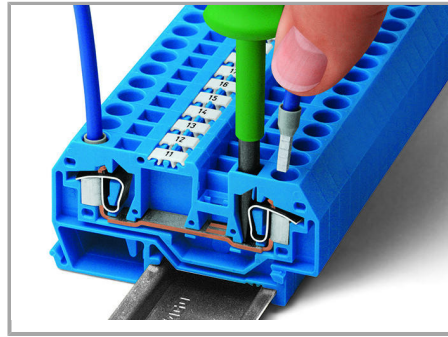
Inserting a conductor

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



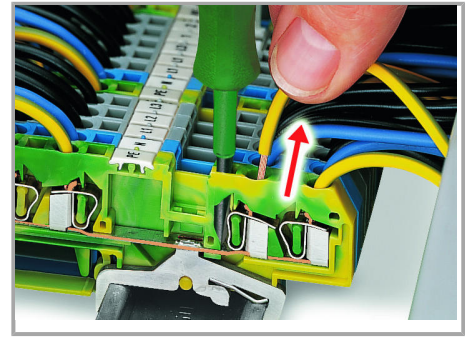
CAGE CLAMP® connection

Inserting a conductor.



CAGE CLAMP® connection

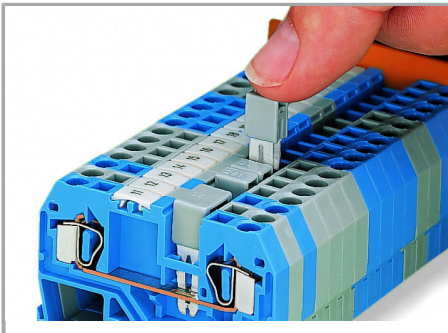
Inserting a conductor.



CAGE CLAMP® connection
Removing a conductor.

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

Jumpered

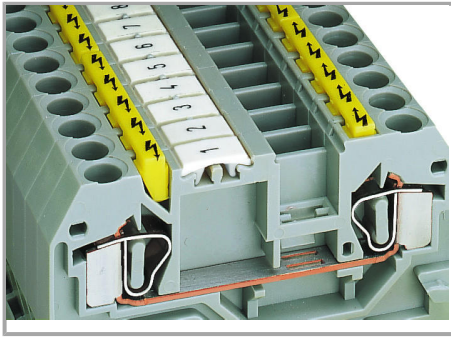


Commoning using an adjacent jumper (280-402).

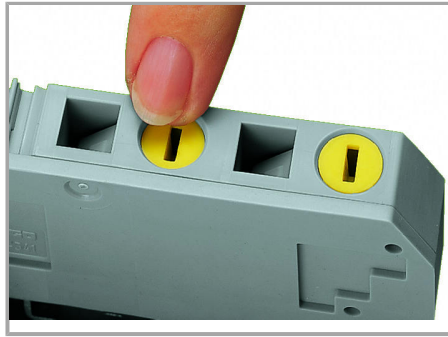
Push jumper down until fully inserted.

Cover

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

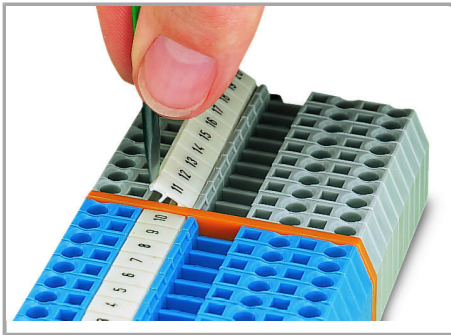


Protective warning markers inserted into the operating slots.



Finger guard seals an unused conductor entry.

Marking



Marking via WMB Multi Marking System.

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