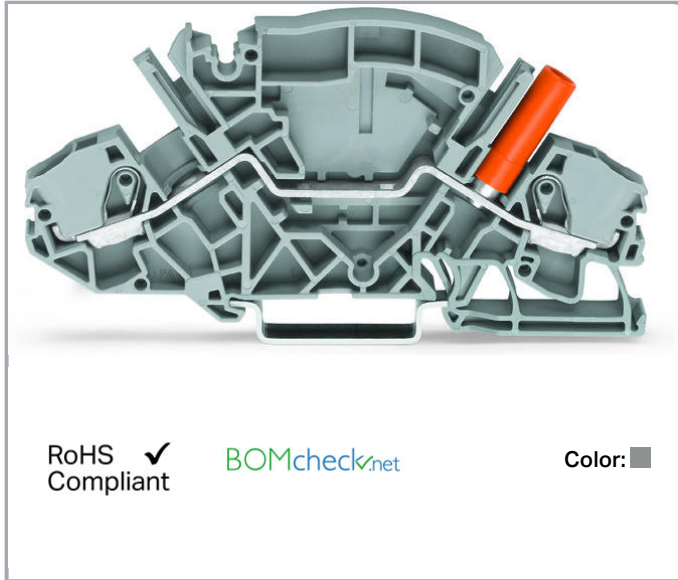


Data sheet | Item number: 2007-8801/046-000

2-conductor through terminal block; 6 mm²; with touch-proof test socket; for 4 mm Ø test plugs; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 6,00 mm²; gray

www.wago.com/2007-8801/046-000



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	30 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	30 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	30 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A
Approvals per	UL 1059

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

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Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper
Nominal cross section	6 mm ²
Solid conductor	0,5 ... 10 mm ² / 20 ... 8 AWG
Solid conductor, push-in termination	1 ... 10 mm ² / 14 ... 8 AWG
Fine-stranded conductor	0,5 ... 10 mm ² / 20 ... 8 AWG
Fine-stranded conductor with ferrule with plastic collar	2,5 ... 6 mm ² / 16 ... 10 AWG
Fine-stranded conductor with ferrule without plastic collar	1,5 ... 6 mm ² / 16 ... 10 AWG
Fine-stranded conductor with ferrule, push-in termination, from	2,5 ... 6 mm ² / 16 ... 16 AWG
Strip length	13 ... 15 mm / 0.51 ... 0.59 inch
Total number of connection points	2
Number of levels	1
Type of wiring	Front-entry wiring
Number of jumper slots	2

Geometrical Data

Width	8 mm / 0.315 inch
Height from upper-edge of DIN-35 rail	46,8 mm / 1.843 inch
Depth	99,6 mm / 3.921 inch

Mechanical data

Design	angled
Type of mounting	DIN-35 rail
Marking level	Center/side marking

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Weight	22 g

Commercial data

Packaging type	BOX
Country of origin	CN

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GTIN	4055143394840
Customs Tariff No.	85369010000

Approvals / Certificates


Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2198208.01
	CSA DEKRA Certification B.V.	C22.2 No. 158	70009679

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus UL International Germany GmbH	UL 1059	E45172

Counterpart

Compatible products

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

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End plate

Item no.: 2007-8891 End and separator plate; 1.5 mm thick; without lock-out seal option; gray	www.wago.com/2007-8891
Item no.: 2007-8892 End and separator plate; 1.5 mm thick; without lock-out seal option; orange	www.wago.com/2007-8892
Item no.: 2007-8893 End and separator plate; 1.5 mm thick; with lock-out seal option; gray	www.wago.com/2007-8893
Item no.: 2007-8894 End and separator plate; 1.5 mm thick; with lock-out seal option; orange	www.wago.com/2007-8894

Jumper

Item no.: 282-432 Jumper; insulated; 2-way; Nominal current 30 A; orange	www.wago.com/282-432
Item no.: 282-432/100-000 Jumper with safety lid; insulated; 2-way; Nominal current 30 A; orange	www.wago.com/282-432/100-000
Item no.: 282-433 Jumper; insulated; 3-way; Nominal current 30 A; orange	www.wago.com/282-433
Item no.: 282-433/100-000 Jumper with safety lid; insulated; 3-way; Nominal current 30 A; orange	www.wago.com/282-433/100-000
Item no.: 282-434 Jumper; insulated; 4-way; Nominal current 30 A; orange	www.wago.com/282-434
Item no.: 282-434/100-000 Jumper with safety lid; insulated; 4-way; Nominal current 30 A; orange	www.wago.com/282-434/100-000
Item no.: 282-435 Jumper; insulated; 5-way; Nominal current 30 A; orange	www.wago.com/282-435
Item no.: 282-435/011-000 Jumper; insulated; 3-way (1-3-5); Nominal current 30 A; special version; orange	www.wago.com/282-435/011-000
Item no.: 282-435/301-000 Jumper; orange	www.wago.com/282-435/301-000
Item no.: 282-436 Jumper; insulated; 6-way; Nominal current 30 A; orange	www.wago.com/282-436
Item no.: 282-436/301-000 Jumper; insulated; 1-2-4-6; Nominal current 30 A; special version; orange	www.wago.com/282-436/301-000

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Item no.: 282-436/304-000 Jumper; orange	www.wago.com/282-436/304-000
Item no.: 282-437 Jumper; insulated; 7-way; Nominal current 30 A; orange	www.wago.com/282-437
Item no.: 282-437/011-000 Jumper; insulated; 1-3-5-7; Nominal current 30 A; special version; orange	www.wago.com/282-437/011-000
Item no.: 282-437/012-000 Jumper; insulated; 1-4-7; Nominal current 30 A; special version; orange	www.wago.com/282-437/012-000
Item no.: 282-438 Jumper; insulated; 8-way; Nominal current 30 A; orange	www.wago.com/282-438
Item no.: 282-438/300-000 Jumper; insulated; 1-2-5-8; Nominal current 30 A; special version; orange	www.wago.com/282-438/300-000
Item no.: 282-438/301-000 Jumper; insulated; 1-4-7-8; Nominal current 30 A; special version; orange	www.wago.com/282-438/301-000
Item no.: 282-439 Jumper; insulated; 9-way; Nominal current 30 A; orange	www.wago.com/282-439
Item no.: 282-439/011-000 Jumper; insulated; 1-3-5-7-9; Nominal current 30 A; special version; orange	www.wago.com/282-439/011-000
Item no.: 282-440 Jumper; insulated; 10-way; Nominal current 30 A; orange	www.wago.com/282-440
ferrule	
Item no.: 216-208 Ferrule; Sleeve for 6 mm ² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow	www.wago.com/216-208
 Item no.: 216-262 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-262
Item no.: 216-263 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-263
Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-264
 Item no.: 216-266 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	www.wago.com/216-266

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

Item no.: 216-267

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/216-267

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

Marking accessories**Item no.: 2009-110**

Marking strips; on reel; not stretchable; plain; snap-on type; white www.wago.com/2009-110

**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; white 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; white www.wago.com/2009-115/000-012

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	<p>Item no.: 2009-115/000-017 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white</p>	<p>www.wago.com/2009-115/000-017</p>
	<p>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</p>	<p>www.wago.com/2009-115/000-023</p>
	<p>Item no.: 2009-115/000-024 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white</p>	<p>www.wago.com/2009-115/000-024</p>
	<p>Item no.: 2009-198 Adaptor</p>	<p>www.wago.com/2009-198</p>
	<p>Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white</p>	<p>www.wago.com/793-501</p>
	<p>Item no.: 793-501/000-002 WMB marking card; as card; not stretchable; plain; snap-on type; yellow</p>	<p>www.wago.com/793-501/000-002</p>
	<p>Item no.: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type; red</p>	<p>www.wago.com/793-501/000-005</p>
	<p>Item no.: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type; blue</p>	<p>www.wago.com/793-501/000-006</p>
	<p>Item no.: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type; gray</p>	<p>www.wago.com/793-501/000-007</p>
	<p>Item no.: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type; orange</p>	<p>www.wago.com/793-501/000-012</p>
	<p>Item no.: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type; light green</p>	<p>www.wago.com/793-501/000-017</p>
	<p>Item no.: 793-501/000-023 WMB marking card; as card; not stretchable; plain; snap-on type; green</p>	<p>www.wago.com/793-501/000-023</p>
	<p>Item no.: 793-501/000-024 WMB marking card; as card; not stretchable; plain; snap-on type; violet</p>	<p>www.wago.com/793-501/000-024</p>
Protective Warning Marker		
	<p>Item no.: 2006-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow</p>	<p>www.wago.com/2006-115</p>

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

tools

Item no.: 210-721

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

www.wago.com/210-721

Downloads

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
2.1 MB

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CAD/CAE-Data

CAD data

2D/3D Models 2007-8801/046-000

URL

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CAE data

EPLAN Data Portal 2007-8801/046-000

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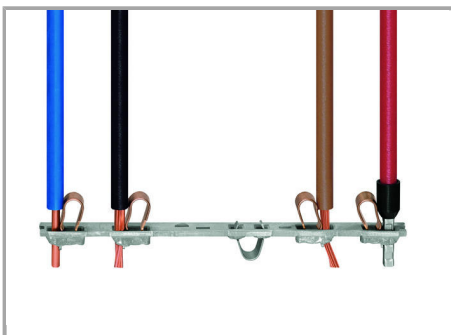
WSCAD Universe 2007-8801/046-000

URL

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Installation Notes

Inserting a conductor



All conductor types at a glance

Commoning

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

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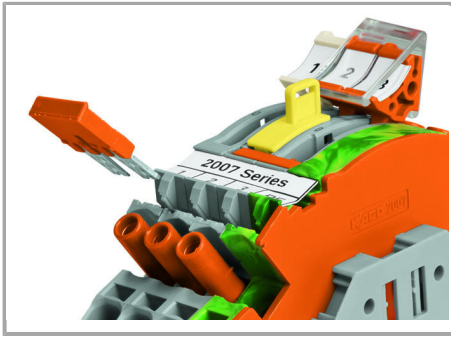
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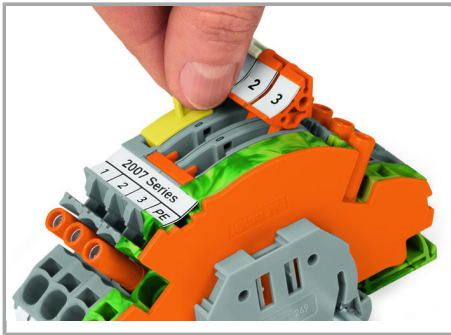
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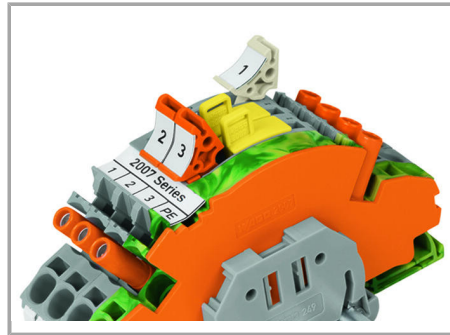


Additional commoning option on the transformer side

Safety

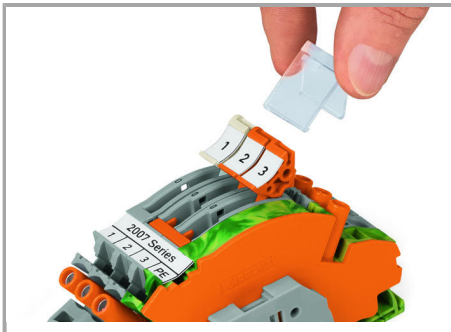


Lock-out prevents accidental operation of disconnect link.

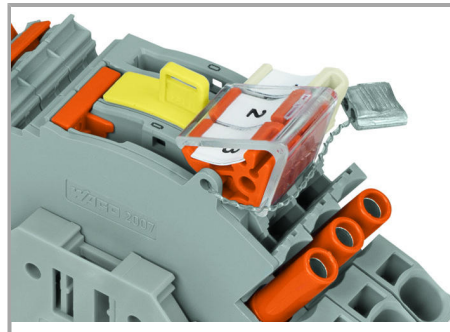


Lock-out snaps into one of two notched positions.

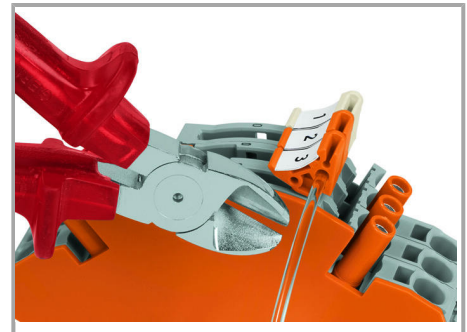
Locking lever



Using locking covers or profiles for adjacent terminal blocks allows disconnect links to be operated simultaneously.



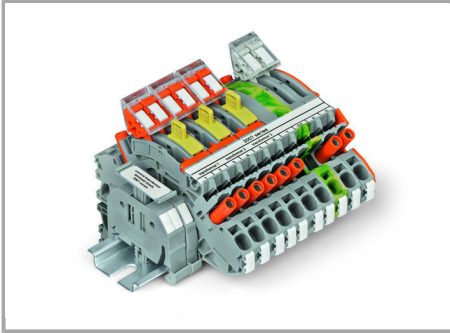
A lock-out seal can be used on the disconnect link in operating position I in combination with an end and separator plate (2007-8893 or 2007-8894).



Interlocking link mechanically locks multiple links for multi-pole switching applications.

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

Marking



Marking via WMB Multi markers or marking strips.

Product family

TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

[Learn more about the product family.](#)

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