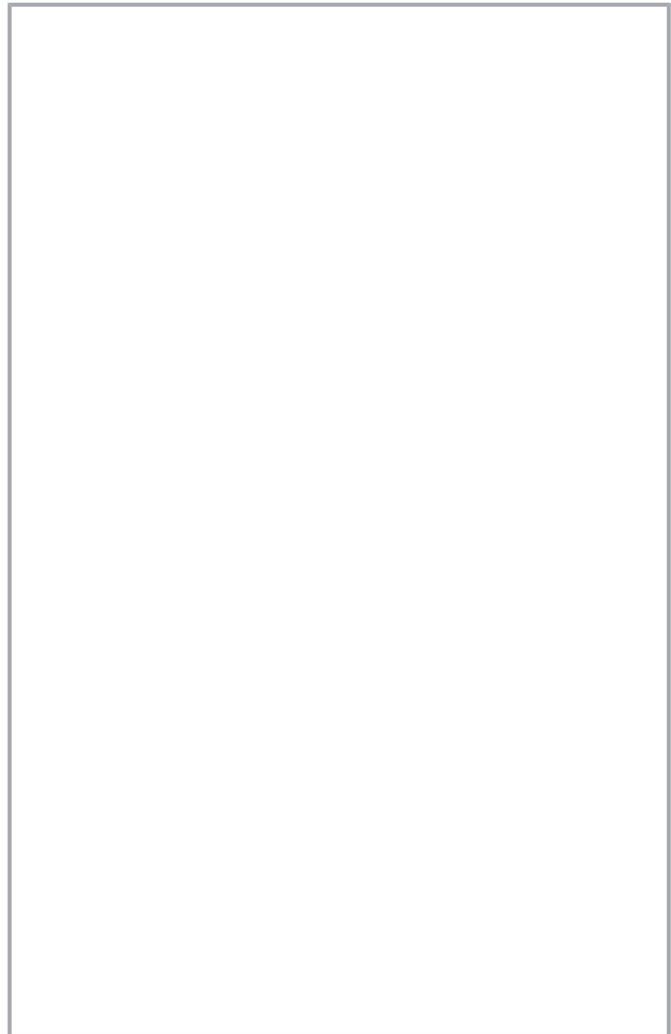
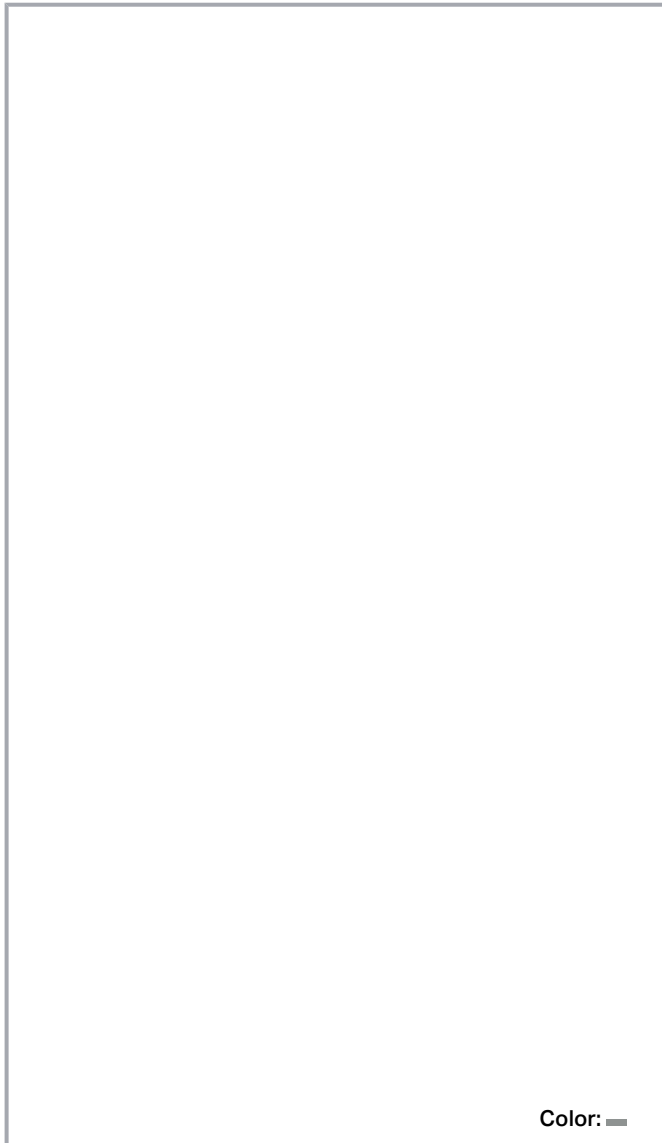


Data sheet | Item number: 2002-2203

Double-deck terminal block; Through/through terminal block; L/N; without marker carrier; suitable for Ex e II applications; Blue conductor entry upper deck; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray

www.wago.com/2002-2203



Data Electrical data

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

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Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	500 V
Rated surge voltage (III/3)	6 kV
Rated current	24 A
Rated current 2	28 A
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	20 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	20 A
Rated voltage UL (Use Group D)	600 V
Rated current UL (Use Group D)	5 A

Ratings per CSA

Approvals per	C22.2 No 158
Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	20 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	20 A

Ex information

Ratings per	ATEX: PTB 03 ATEX 1162 U / IECEx: PTB 03.0004U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	440 V
Rated current (Ex e II)	20 A
Rated current (Ex e II) with jumper	18 A
Ratings (note)	See Downloads – Documentation – Additional Information: Technical explanations

Connection data

Total number of connection points	4
Total number of potentials	2

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

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Number of levels	2
Number of jumper slots	4

Connection 1

Connection technology	Push-in CAGE CLAMP®
Number of connection points	2
Actuation type	Push-in Operating tool
Connectable conductor materials	Copper
Nominal cross-section	2.5 mm²
Solid conductor	0.25 ... 4 mm² / 22 ... 12 AWG
Solid conductor; push-in termination	0.75 ... 4 mm² / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm² / 22 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm² / 22 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm² / 18 ... 14 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	10 ... 12 mm / 0.39 ... 0.47 inch
Wiring direction	Front-entry wiring

Connection 2

Number of connection points 2	2
-------------------------------	---

Physical data

Width	5.2 mm / 0.205 inch
Height	69.7 mm / 2.744 inch
Depth from upper edge of DIN-rail	51.7 mm / 2.035 inch

Mechanical data

Potentialkennzeichnung	L/N
Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data

Note on material data	Information on material data can be found here
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Subject to changes. Please also observe the further product documentation!



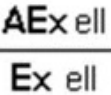
Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.204 MJ
Weight	10.2 g

Commercial data

Product Group	22 (TOPJOB S)
PU (SPU)	50 Stück
Packaging type	box
Country of origin	DE
GTIN	4044918691079
Customs tariff number	85369010000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	AEx Underwriters Laboratories Inc.	UL 60079	E185892 (AEx eb IIC resp. Ex eb IIC)
	ATEX Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 03 ATEX 1162 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
	CCCEX CQST/CNEX	CNCA-C23-01	2020312313000238
	EAC Brjansker Zertifizierungsstelle	TP TC 012/2011	RU C-DE.AM02.B. 00127/19 (Ex e IIC Gb U)
	IECEX Physikalisch Technische Bundesanstalt	IEC 60079	IECEX PTB 03.0004 U (Ex eb IIC Gb or Ex eb I Mb)

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
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	CCA DEKRA Certification B.V.	EN 60947	71- 107687
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7730
	CCA DEKRA Certification B.V.	C22.2 No. 158	1536069

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	20- HG1941090- PDA
	BV Bureau Veritas S.A.	EN 60947	38586/A0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)

Required accessories

End plate

End plate		
	Item no.: 2002-2291 End and intermediate plate; 0.8 mm thick; gray	www.wago.com/2002-2291
	Item no.: 2002-2292 End and intermediate plate; 0.8 mm thick; orange	www.wago.com/2002-2292

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

Optional accessories

Ferrule

Ferrule		
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241
	Item no.: 216-242 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/216-242
	Item no.: 216-243 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/216-243
	Item no.: 216-244 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/216-244
	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.: 216-246 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/216-246
	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
	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.: 216-262 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

Marking accessories

Marking strip		
	Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
Marker carrier		
	Item no.: 2009-198 Adaptor; gray	www.wago.com/2009-198
	Item no.: 2002-121 Adaptor; gray	www.wago.com/2002-121
	Item no.: 2002-161 Adaptor; gray	www.wago.com/2002-161
Marker		

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



	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.: 2009-115/000-007 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.: 2009-115/000-017 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
	Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	www.wago.com/2009-145/000-006
	Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-145
	Item no.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	www.wago.com/2009-145/000-002
	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	www.wago.com/2009-145/000-007
	Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	www.wago.com/2009-145/000-005
	Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	www.wago.com/2009-145/000-012
	Item no.: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	www.wago.com/2009-145/000-023
	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	www.wago.com/2009-145/000-024

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**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.: 248-501/000-006**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

www.wago.com/248-501/000-006**Item no.: 248-501/000-007**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

www.wago.com/248-501/000-007**Item no.: 248-501/000-002**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

www.wago.com/248-501/000-002**Item no.: 248-501/000-012**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

www.wago.com/248-501/000-012**Item no.: 248-501**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/248-501**Item no.: 248-501/000-017**

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

www.wago.com/248-501/000-017**Item no.: 248-501/000-005**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

www.wago.com/248-501/000-005**Item no.: 248-501/000-024**

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

www.wago.com/248-501/000-024**Item no.: 248-501/000-023**

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

www.wago.com/248-501/000-023**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

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

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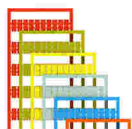
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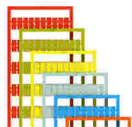
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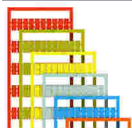
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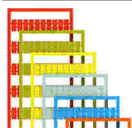
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Item no.: 793-5501/000-024

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



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.: 793-501/000-007

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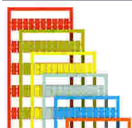
Item no.: 793-501/000-017

WMB marking card; as card; not stretchable; plain; snap-on type; light green www.wago.com/793-501/000-017



Item no.: 793-501/000-012

WMB marking card; as card; not stretchable; plain; snap-on type; orange www.wago.com/793-501/000-012



Item no.: 793-501/000-023

WMB marking card; as card; not stretchable; plain; snap-on type; green www.wago.com/793-501/000-023



Item no.: 793-501/000-006

WMB marking card; as card; not stretchable; plain; snap-on type; blue www.wago.com/793-501/000-006

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



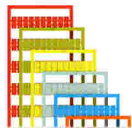
Item no.: 793-501/000-005
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www.wago.com/793-501/000-005



Item no.: 793-501
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www.wago.com/793-501



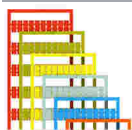
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www.wago.com/793-501/000-024



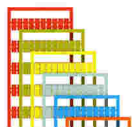
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www.wago.com/793-5501/000-005



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.: 793-5501/000-006
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

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.: 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.: 2009-115/000-006
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.: 2009-115/000-005
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

www.wago.com/2009-115/000-005

Group marker carrier



Item no.: 2009-193
Group marker carrier; gray

www.wago.com/2009-193



Item no.: 2009-192
Group marker carrier; gray

www.wago.com/2009-192



Item no.: 2009-191
Group marker carrier; gray

www.wago.com/2009-191

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

Jumpers

Jumper		
	Item no.: 210-123 Wire commoning chain; insulated; blue	www.wago.com/210-123
	Item no.: 2002-402 Jumper; 2-way; insulated; light gray	www.wago.com/2002-402
	Item no.: 2002-402/000-005 Jumper; 2-way; insulated; red	www.wago.com/2002-402/000-005
	Item no.: 2002-400 Continuous jumper; 2-way; insulated; light gray	www.wago.com/2002-400
	Item no.: 2002-403 Jumper; 3-way; insulated; light gray	www.wago.com/2002-403
	Item no.: 2002-404/000-005 Jumper; 4-way; insulated; red	www.wago.com/2002-404/000-005
	Item no.: 2002-403/000-006 Jumper; 3-way; insulated; blue	www.wago.com/2002-403/000-006
	Item no.: 2002-404/000-006 Jumper; 4-way; insulated; blue	www.wago.com/2002-404/000-006
	Item no.: 2002-403/000-005 Jumper; 3-way; insulated; red	www.wago.com/2002-403/000-005
	Item no.: 2002-405/000-005 Jumper; 5-way; insulated; red	www.wago.com/2002-405/000-005
	Item no.: 2002-402/000-006 Jumper; 2-way; insulated; blue	www.wago.com/2002-402/000-006
	Item no.: 2002-405/000-006 Jumper; 5-way; insulated; blue	www.wago.com/2002-405/000-006
	Item no.: 2002-404 Jumper; 4-way; insulated; light gray	www.wago.com/2002-404
	Item no.: 2002-406/000-006 Jumper; 6-way; insulated; blue	www.wago.com/2002-406/000-006

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

Item no.: 2002-406/000-005

Jumper; 6-way; insulated; red

www.wago.com/2002-406/000-005**Item no.: 2002-406/020-000**

Delta jumper; insulated; light gray

www.wago.com/2002-406/020-000**Item no.: 2002-405**

Jumper; 5-way; insulated; light gray

www.wago.com/2002-405**Item no.: 2002-407/000-005**

Jumper; 7-way; insulated; red

www.wago.com/2002-407/000-005**Item no.: 2002-408**

Jumper; 8-way; insulated; light gray

www.wago.com/2002-408**Item no.: 2002-408/000-006**

Jumper; 8-way; insulated; blue

www.wago.com/2002-408/000-006**Item no.: 2002-405/011-000**

Star point jumper; 3-way; insulated; light gray

www.wago.com/2002-405/011-000**Item no.: 2002-407/000-006**

Jumper; 7-way; insulated; blue

www.wago.com/2002-407/000-006**Item no.: 2002-408/000-005**

Jumper; 8-way; insulated; red

www.wago.com/2002-408/000-005**Item no.: 2002-407**

Jumper; 7-way; insulated; light gray

www.wago.com/2002-407**Item no.: 2002-406**

Jumper; 6-way; insulated; light gray

www.wago.com/2002-406**Item no.: 2002-410/000-005**

Jumper; 10-way; insulated; red

www.wago.com/2002-410/000-005**Item no.: 2002-410/000-006**

Jumper; 10-way; insulated; blue

www.wago.com/2002-410/000-006**Item no.: 2002-410**

Jumper; 10-way; insulated; light gray

www.wago.com/2002-410**Item no.: 2002-409/000-006**

Jumper; 9-way; insulated; blue

www.wago.com/2002-409/000-006

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

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	Item no.: 2002-409/000-005 Jumper; 9-way; insulated; red	www.wago.com/2002-409/000-005
	Item no.: 2002-409 Jumper; 9-way; insulated; light gray	www.wago.com/2002-409
	Item no.: 2002-423/000-006 Continuous jumper; from 1 to 3; insulated; blue	www.wago.com/2002-423/000-006
	Item no.: 2002-423 Continuous jumper; from 1 to 3; insulated; light gray	www.wago.com/2002-423
	Item no.: 2002-433 Jumper; from 1 to 3; insulated; light gray	www.wago.com/2002-433
	Item no.: 2002-434 Jumper; from 1 to 4; insulated; light gray	www.wago.com/2002-434
	Item no.: 2002-423/000-005 Continuous jumper; from 1 to 3; insulated; red	www.wago.com/2002-423/000-005
	Item no.: 2002-435 Jumper; from 1 to 5; insulated; light gray	www.wago.com/2002-435
	Item no.: 2002-436 Jumper; from 1 to 6; insulated; light gray	www.wago.com/2002-436
	Item no.: 2002-437 Jumper; from 1 to 7; insulated; light gray	www.wago.com/2002-437
	Item no.: 2002-438 Jumper; from 1 to 8; insulated; light gray	www.wago.com/2002-438
	Item no.: 2002-439 Jumper; from 1 to 9; insulated; light gray	www.wago.com/2002-439
	Item no.: 2002-440 Jumper; from 1 to 10; insulated; light gray	www.wago.com/2002-440
	Item no.: 2002-472 Staggered jumper; 2-way; insulated; light gray	www.wago.com/2002-472
	Item no.: 2002-473 Staggered jumper; 3-way; insulated; light gray	www.wago.com/2002-473
	Item no.: 2002-475/011-000 Staggered jumper; 3-way; insulated; light gray	www.wago.com/2002-475/011-000
	Item no.: 2002-475	www.wago.com/2002-475

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

Staggered jumper; 5-way; insulated; light gray



Item no.: 2002-476

Staggered jumper; 6-way; insulated; light gray

www.wago.com/2002-476



Item no.: 2002-474

Staggered jumper; 4-way; insulated; light gray

www.wago.com/2002-474



Item no.: 2002-477

Staggered jumper; 7-way; insulated; light gray

www.wago.com/2002-477



Item no.: 2002-473/011-000

Staggered jumper; 2-way; from 1 to 3; insulated; light gray

www.wago.com/2002-473/011-000



Item no.: 2002-479

Staggered jumper; 9-way; insulated; light gray

www.wago.com/2002-479

Item no.: 2002-478

Staggered jumper; 8-way; insulated; light gray

www.wago.com/2002-478



Item no.: 2002-479/011-000

Staggered jumper; insulated; light gray

www.wago.com/2002-479/011-000



Item no.: 2002-480

Staggered jumper; 10-way; insulated; light gray

www.wago.com/2002-480



Item no.: 2002-477/011-000

Staggered jumper; insulated; light gray

www.wago.com/2002-477/011-000

Item no.: 2002-492

Vertical jumper; insulated; light gray

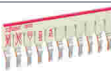
www.wago.com/2002-492



Item no.: 2002-481/011-000

Staggered jumper; insulated; light gray

www.wago.com/2002-481/011-000



Item no.: 2002-481

Staggered jumper; 11-way; insulated; light gray

www.wago.com/2002-481

Item no.: 2002-492/000-012

Vertical jumper; insulated; orange

www.wago.com/2002-492/000-012



Item no.: 2002-482

Staggered jumper; 12-way; insulated; light gray

www.wago.com/2002-482



Item no.: 210-103

Wire commoning chain; insulated; black

www.wago.com/210-103

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

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Protective warning marker

Cover

Item no.: 2002-115

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

www.wago.com/2002-115

Push-in type wire jumper

Jumper



Item no.: 2009-412

Push-in type wire jumper; insulated; 60 mm long; black

www.wago.com/2009-412

Item no.: 2009-414

Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; blackwww.wago.com/2009-414

Item no.: 2009-416

Push-in type wire jumper; 1.5 mm²; insulated; 250 mm long; blackwww.wago.com/2009-416

Item no.: 2009-414/000-005

Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; blackwww.wago.com/2009-414/000-005

Item no.: 2009-414/000-006

Push-in type wire jumper; insulated; 110 mm long; black

www.wago.com/2009-414/000-006

Tool

Operating tool



Item no.: 210-658

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured

www.wago.com/210-658

Item no.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-720

Mounting

Mounting accessories



Item no.: 709-156

Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

www.wago.com/709-156

Item no.: 709-169

Cover carrier; Type 3; gray

www.wago.com/709-169

Testing and measuring

Testing accessories



Item no.: 2009-174

Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

www.wago.com/2009-174

Item no.: 2009-182

Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; graywww.wago.com/2009-182

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

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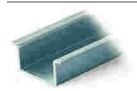
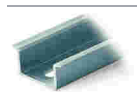
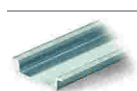
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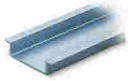
Do you have any questions about our products?

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	Item no.: 2002-611 TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm ² ; gray	www.wago.com/2002-611
	Item no.: 2002-649 TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray	www.wago.com/2002-649
Insulation stop		
	Insulation stop	
	Item no.: 2002-171 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip; light gray	www.wago.com/2002-171
	Item no.: 2002-172 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip; dark gray	www.wago.com/2002-172
Carrier rail		
	Mounting accessories	
	Item no.: 210-197 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored	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; silver-colored	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; silver-colored	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; silver-colored	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; silver-colored	www.wago.com/210-508
	Item no.: 210-113 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	www.wago.com/210-113
	Item no.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	www.wago.com/210-118
	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; silver-colored	www.wago.com/210-112
	Item no.: 210-114 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	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; silver-colored	www.wago.com/210-115

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

silver-colored

**Item no.: 210-196**

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

www.wago.com/210-196**End plate**

End plate

**Item no.: 209-192**

Separator for Ex e/Ex i applications; 3 mm thick; 125.5 mm wide; orange

www.wago.com/209-192**Item no.: 2002-2295**

Separator plate; oversized upper deck; snap-fit type; 2 mm thick; gray

www.wago.com/2002-2295**Item no.: 2002-2296**

Separator plate; oversized upper deck; snap-fit type; 2 mm thick; orange

www.wago.com/2002-2296**Downloads****Documentation****Bid Text**

2002-2203 docx - Datei	Apr 23, 2019	docx 15.4 kB	Download
2002-2203 X81 - Datei	Apr 23, 2019	xml 4.3 kB	Download

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CAD/CAE-Data**CAD data**

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CAE data

EPLAN Data Portal 2002-2203	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2002-2203

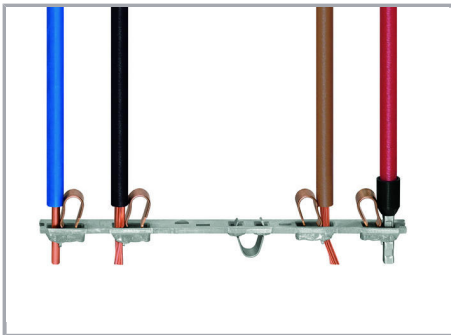
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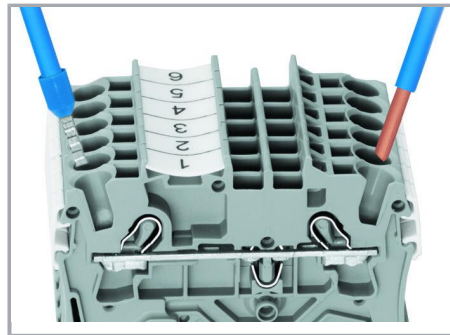
Double-deck terminal block; Through/through terminal block; L/N; without marker carrier; suitable for Ex e II applications; Blue conductor entry upper deck; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray

Installation Notes

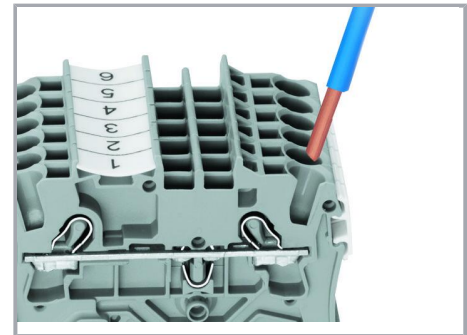
Conductor termination



All conductor types at a glance



Push-in termination of solid and ferruled conductors



Inserting a conductor via push-in termination:

Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.

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



Inserting a conductor via operating tool:

Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

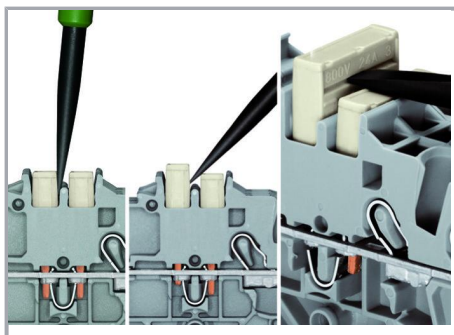
Advantage:

To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.



Conductor termination – insulation stop

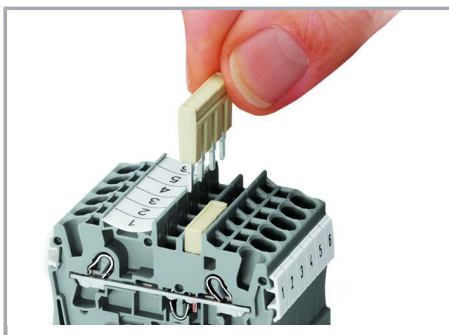
Commoning



Removing a push-in type jumper bar:

Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.

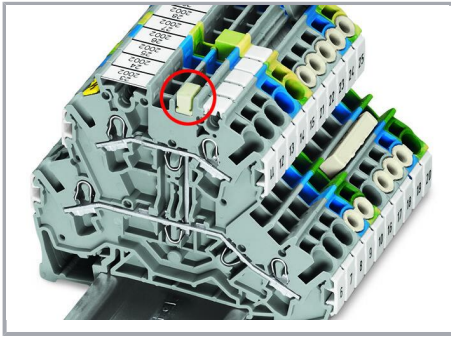
Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.



Insert push-in type jumper bar and push down until it hits backstop..

Commoning

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

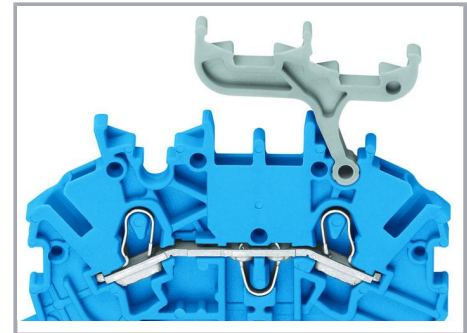


Commoning two levels via double-deck vertical jumper (2002-492).

Marking



Snapping WMB Inline markers into marker slots.



Double-deck terminal blocks

A double-deck marker carrier (2002-121) can be retrofitted to double-deck terminal blocks without a marker carrier.

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.

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