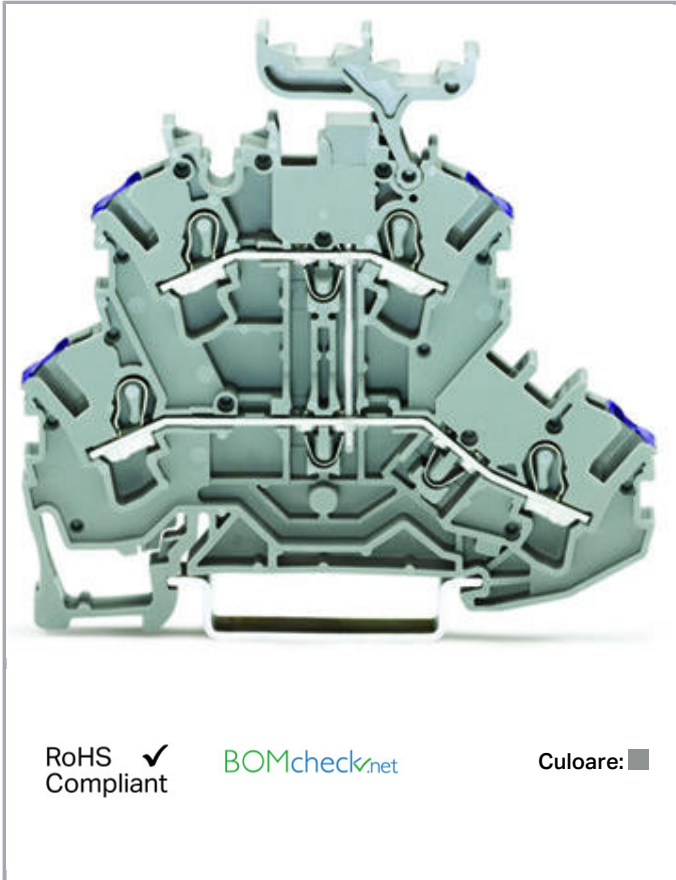


## Fișă tehnică | Număr articol: 2002-2238

Double-deck terminal block; 4-conductor through terminal block; L; with marker carrier; suitable for Ex e II applications; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-2238](http://www.wago.com/2002-2238)



RoHS   
Compliant

[BOMcheck.net](https://www.bomcheck.net)

Culoare: ■

### Date

#### Electrical data

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

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) ≙ Overvoltage category III / Pollution degree 3

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG  
/Representative Office Romania  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: [info-RO@wago.com](mailto:info-RO@wago.com)

Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

### 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
Approvals per	UL 1059

### Approvals per CSA

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

### Approvals Ex

Rated voltage EN (Ex e II)	440 V
Rated current (Ex e II)	20 A
Rated current (Ex e II) with jumper	18 A

### Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper
Nominal cross-section	2,5 mm <sup>2</sup>
Solid conductor	0,25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG
Solid conductor; push-in termination	0,75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG
Fine-stranded conductor	0,25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	1 ... 2,5 mm <sup>2</sup> / 18 ... 12 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2,5 mm <sup>2</sup> / 18 ... 12 AWG
Strip length	10 ... 12 mm / 0.39 ... 0.47 inch
Total number of connection points	4
Total number of potentials	1
Number of levels	2
Wiring type	Front-entry wiring

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Note (conductor cross-section)

Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.

## Geometrical Data

Width	5,2 mm / 0.205 inch
Height from upper-edge of DIN-rail	61,8 mm / 2.433 inch
Depth	69,7 mm / 2.744 inch

## Mechanical data

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

## Material Data


Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0,223 MJ
Weight	11,2 g

## Commercial data

Product Group	22 (TOPJOB S)
Packaging type	BOX
Country of origin	DE
GTIN	4044918989824
Customs tariff number	85369010000

## Aprobări / certificate


### Ex-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ATEX Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 03 ATEX 1162 U (II 2 G/D Ex e II bzw. I M 2 Ex e I)




Supus modificărilor.

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Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com





Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

	IECEX	IEC 60079	IECEX
	Physikalisch Technische Bundesanstalt		PTB 03.0004 U (Ex eb IIC Gb or Ex eb I Mb)

## Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA	EN 60947	NTR NL
	DEKRA Certification B.V.		7730
	CSA	C22.2 No. 158	1536069
	DEKRA Certification B.V.		
	KEMA/KEUR	EN 60947	71-
	DEKRA Certification B.V.		107687

## Ship Approvals


Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS	EN 60947	20-
	American Bureau of Shipping		HG1941090-PDA
	BV	EN 60947	38586/A0 BV
	Bureau Veritas S.A.		
	DNV GL	-	TAE00001V2
	Det Norske Veritas, Germanischer Lloyd		
	LR	EN 60947	91/20112
	Lloyds Register		(E9)

## UL-Approvals

Supus modificărilor.

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Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	cURus Underwriters Laboratories Inc.	UL 1059	E45172






## Counterpart

## Produse compatibile


### Insulation stop

	<b>Nr. articol: 2002-171</b> Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray	<a href="http://www.wago.com/2002-171">www.wago.com/2002-171</a>
	<b>Nr. articol: 2002-172</b> Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip; dark gray	<a href="http://www.wago.com/2002-172">www.wago.com/2002-172</a>

### End plate

	<b>Nr. articol: 2002-2291</b> End and intermediate plate; 0.8 mm thick; gray	<a href="http://www.wago.com/2002-2291">www.wago.com/2002-2291</a>
	<b>Nr. articol: 2002-2292</b> End and intermediate plate; 0.8 mm thick; orange	<a href="http://www.wago.com/2002-2292">www.wago.com/2002-2292</a>
	<b>Nr. articol: 2002-2295</b> Separator plate; oversized upper deck; snap-fit type; 2 mm thick; gray	<a href="http://www.wago.com/2002-2295">www.wago.com/2002-2295</a>
	<b>Nr. articol: 2002-2296</b> Separator plate; oversized upper deck; snap-fit type; 2 mm thick; orange	<a href="http://www.wago.com/2002-2296">www.wago.com/2002-2296</a>
	<b>Nr. articol: 209-192</b> Separator for Ex e/Ex i applications; 3 mm thick; 125.5 mm wide; orange	<a href="http://www.wago.com/209-192">www.wago.com/209-192</a>









### ferrule

	<b>Nr. articol: 216-241</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	<a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
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













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Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

	<b>Nr. articol: 216-242</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
	<b>Nr. articol: 216-243</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
	<b>Nr. articol: 216-244</b> 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	<a href="http://www.wago.com/216-244">www.wago.com/216-244</a>
	<b>Nr. articol: 216-246</b> 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	<a href="http://www.wago.com/216-246">www.wago.com/216-246</a>
	<b>Nr. articol: 216-262</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	<a href="http://www.wago.com/216-262">www.wago.com/216-262</a>
	<b>Nr. articol: 216-263</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-263">www.wago.com/216-263</a>
	<b>Nr. articol: 216-264</b> 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	<a href="http://www.wago.com/216-264">www.wago.com/216-264</a>
	<b>Nr. articol: 216-266</b> 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	<a href="http://www.wago.com/216-266">www.wago.com/216-266</a>
<b>Carrier rail</b>		
	<b>Nr. articol: 210-112</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm	<a href="http://www.wago.com/210-112">www.wago.com/210-112</a>
	<b>Nr. articol: 210-113</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715	<a href="http://www.wago.com/210-113">www.wago.com/210-113</a>
	<b>Nr. articol: 210-114</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715	<a href="http://www.wago.com/210-114">www.wago.com/210-114</a>
	<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>

Supus modificărilor.

	<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>
<b>Protective Warning Marker</b>		
	<b>Nr. articol: 2002-115</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	<a href="http://www.wago.com/2002-115">www.wago.com/2002-115</a>
<b>check</b>		
	<b>Nr. articol: 2002-611</b> TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/2002-611">www.wago.com/2002-611</a>
	<b>Nr. articol: 2002-649</b> TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray	<a href="http://www.wago.com/2002-649">www.wago.com/2002-649</a>
	<b>Nr. articol: 2009-174</b> Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray	<a href="http://www.wago.com/2009-174">www.wago.com/2009-174</a>
	<b>Nr. articol: 2009-182</b> Testing tap; for max. 2.5 mm <sup>2</sup> ; tool-free connection for individual test wires 0.08 - 2.5 mm; gray	<a href="http://www.wago.com/2009-182">www.wago.com/2009-182</a>
<b>Marking accessories</b>		
	<b>Nr. articol: 2009-110</b> Marking strips; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
	<b>Nr. articol: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
	<b>Nr. articol: 2009-115/000-002</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a>
	<b>Nr. articol: 2009-115/000-005</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/2009-115/000-005">www.wago.com/2009-115/000-005</a>
	<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>

Supus modificărilor.

	<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: 2009-145</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>
	<b>Nr. articol: 2009-145/000-002</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a>
	<b>Nr. articol: 2009-145/000-005</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a>
	<b>Nr. articol: 2009-145/000-006</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	<a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a>
	<b>Nr. articol: 2009-145/000-007</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a>
	<b>Nr. articol: 2009-145/000-012</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a>
	<b>Nr. articol: 2009-145/000-023</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a>
	<b>Nr. articol: 2009-145/000-024</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a>
	<b>Nr. articol: 2009-191</b> Group marker carrier	<a href="http://www.wago.com/2009-191">www.wago.com/2009-191</a>
	<b>Nr. articol: 2009-192</b> Group marker carrier	<a href="http://www.wago.com/2009-192">www.wago.com/2009-192</a>

Supus modificărilor.





**Nr. articol: 2009-193**  
Group marker carrier

[www.wago.com/2009-193](http://www.wago.com/2009-193)



**Nr. articol: 2009-198**  
Adaptor

[www.wago.com/2009-198](http://www.wago.com/2009-198)



**Nr. articol: 248-501**  
Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card

[www.wago.com/248-501](http://www.wago.com/248-501)



**Nr. articol: 248-501/000-002**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

[www.wago.com/248-501/000-002](http://www.wago.com/248-501/000-002)



**Nr. articol: 248-501/000-005**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

[www.wago.com/248-501/000-005](http://www.wago.com/248-501/000-005)



**Nr. articol: 248-501/000-006**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

[www.wago.com/248-501/000-006](http://www.wago.com/248-501/000-006)



**Nr. articol: 248-501/000-007**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

[www.wago.com/248-501/000-007](http://www.wago.com/248-501/000-007)



**Nr. articol: 248-501/000-012**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

[www.wago.com/248-501/000-012](http://www.wago.com/248-501/000-012)



**Nr. articol: 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](http://www.wago.com/248-501/000-017)



**Nr. articol: 248-501/000-023**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

[www.wago.com/248-501/000-023](http://www.wago.com/248-501/000-023)



**Nr. articol: 248-501/000-024**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

[www.wago.com/248-501/000-024](http://www.wago.com/248-501/000-024)



**Nr. articol: 793-501**  
WMB marking card; as card; not stretchable; plain; snap-on type; white

[www.wago.com/793-501](http://www.wago.com/793-501)



**Nr. articol: 793-501/000-002**  
WMB marking card; as card; not stretchable; plain; snap-on type; yellow

[www.wago.com/793-501/000-002](http://www.wago.com/793-501/000-002)



**Nr. articol: 793-501/000-005**  
WMB marking card; as card; not stretchable; plain; snap-on type; red

[www.wago.com/793-501/000-005](http://www.wago.com/793-501/000-005)

Supus modificărilor.



**Nr. articol: 793-501/000-006**  
WMB marking card; as card; not stretchable; plain; snap-on type; blue

[www.wago.com/793-501/000-006](http://www.wago.com/793-501/000-006)



**Nr. articol: 793-501/000-007**  
WMB marking card; as card; not stretchable; plain; snap-on type; gray

[www.wago.com/793-501/000-007](http://www.wago.com/793-501/000-007)



**Nr. articol: 793-501/000-012**  
WMB marking card; as card; not stretchable; plain; snap-on type; orange

[www.wago.com/793-501/000-012](http://www.wago.com/793-501/000-012)



**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: 793-5501/000-014**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown

[www.wago.com/793-5501/000-014](http://www.wago.com/793-5501/000-014)

**Nr. articol: 793-5501/000-017**

Supus modificărilor.



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)

#### tools



**Nr. articol: 210-658**

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

[www.wago.com/210-658](http://www.wago.com/210-658)



**Nr. articol: 210-720**

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

[www.wago.com/210-720](http://www.wago.com/210-720)

#### Push-In type wire jumper



**Nr. articol: 2009-412**

Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 1.5 mm<sup>2</sup>; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; black

[www.wago.com/2009-412](http://www.wago.com/2009-412)



**Nr. articol: 2009-414**

Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm<sup>2</sup>; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; black

[www.wago.com/2009-414](http://www.wago.com/2009-414)



**Nr. articol: 2009-414/000-005**

Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm<sup>2</sup>; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; red

[www.wago.com/2009-414/000-005](http://www.wago.com/2009-414/000-005)



**Nr. articol: 2009-414/000-006**

Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm<sup>2</sup>; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; blue

[www.wago.com/2009-414/000-006](http://www.wago.com/2009-414/000-006)



**Nr. articol: 2009-416**

Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 1.5 mm<sup>2</sup>; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; black

[www.wago.com/2009-416](http://www.wago.com/2009-416)

#### Jumper



**Nr. articol: 2002-400**

Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current 25 A; light gray

[www.wago.com/2002-400](http://www.wago.com/2002-400)



**Nr. articol: 2002-402**

Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; light gray

[www.wago.com/2002-402](http://www.wago.com/2002-402)



**Nr. articol: 2002-402/000-005**

Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; red

[www.wago.com/2002-402/000-005](http://www.wago.com/2002-402/000-005)

















**Nr. articol: 2002-402/000-006**
















Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; blue

[www.wago.com/2002-402/000-006](http://www.wago.com/2002-402/000-006)


Supus modificărilor.

	<b>Nr. articol: 2002-403</b> Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-403">www.wago.com/2002-403</a>
	<b>Nr. articol: 2002-403/000-005</b> Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; red	<a href="http://www.wago.com/2002-403/000-005">www.wago.com/2002-403/000-005</a>
	<b>Nr. articol: 2002-403/000-006</b> Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; blue	<a href="http://www.wago.com/2002-403/000-006">www.wago.com/2002-403/000-006</a>
	<b>Nr. articol: 2002-404</b> Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-404">www.wago.com/2002-404</a>
	<b>Nr. articol: 2002-404/000-005</b> Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; red	<a href="http://www.wago.com/2002-404/000-005">www.wago.com/2002-404/000-005</a>
	<b>Nr. articol: 2002-404/000-006</b> Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; blue	<a href="http://www.wago.com/2002-404/000-006">www.wago.com/2002-404/000-006</a>
	<b>Nr. articol: 2002-405</b> Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-405">www.wago.com/2002-405</a>
	<b>Nr. articol: 2002-405/000-005</b> Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; red	<a href="http://www.wago.com/2002-405/000-005">www.wago.com/2002-405/000-005</a>
	<b>Nr. articol: 2002-405/000-006</b> Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; blue	<a href="http://www.wago.com/2002-405/000-006">www.wago.com/2002-405/000-006</a>
	<b>Nr. articol: 2002-405/011-000</b> Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block; light gray	<a href="http://www.wago.com/2002-405/011-000">www.wago.com/2002-405/011-000</a>
	<b>Nr. articol: 2002-406</b> Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-406">www.wago.com/2002-406</a>
	<b>Nr. articol: 2002-406/000-005</b> Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; red	<a href="http://www.wago.com/2002-406/000-005">www.wago.com/2002-406/000-005</a>
	<b>Nr. articol: 2002-406/000-006</b> Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; blue	<a href="http://www.wago.com/2002-406/000-006">www.wago.com/2002-406/000-006</a>
	<b>Nr. articol: 2002-406/020-000</b> Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block; light gray	<a href="http://www.wago.com/2002-406/020-000">www.wago.com/2002-406/020-000</a>

Supus modificărilor.

	<b>Nr. articol: 2002-407</b> Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-407">www.wago.com/2002-407</a>
	<b>Nr. articol: 2002-407/000-005</b> Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; red	<a href="http://www.wago.com/2002-407/000-005">www.wago.com/2002-407/000-005</a>
	<b>Nr. articol: 2002-407/000-006</b> Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; blue	<a href="http://www.wago.com/2002-407/000-006">www.wago.com/2002-407/000-006</a>
	<b>Nr. articol: 2002-408</b> Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-408">www.wago.com/2002-408</a>
	<b>Nr. articol: 2002-408/000-005</b> Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; red	<a href="http://www.wago.com/2002-408/000-005">www.wago.com/2002-408/000-005</a>
	<b>Nr. articol: 2002-408/000-006</b> Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; blue	<a href="http://www.wago.com/2002-408/000-006">www.wago.com/2002-408/000-006</a>
	<b>Nr. articol: 2002-409</b> Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-409">www.wago.com/2002-409</a>
	<b>Nr. articol: 2002-409/000-005</b> Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; red	<a href="http://www.wago.com/2002-409/000-005">www.wago.com/2002-409/000-005</a>
	<b>Nr. articol: 2002-409/000-006</b> Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; blue	<a href="http://www.wago.com/2002-409/000-006">www.wago.com/2002-409/000-006</a>
	<b>Nr. articol: 2002-410</b> Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-410">www.wago.com/2002-410</a>
	<b>Nr. articol: 2002-410/000-005</b> Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; red	<a href="http://www.wago.com/2002-410/000-005">www.wago.com/2002-410/000-005</a>
	<b>Nr. articol: 2002-410/000-006</b> Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; blue	<a href="http://www.wago.com/2002-410/000-006">www.wago.com/2002-410/000-006</a>
	<b>Nr. articol: 2002-423</b> Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-423">www.wago.com/2002-423</a>
	<b>Nr. articol: 2002-423/000-005</b> Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; red	<a href="http://www.wago.com/2002-423/000-005">www.wago.com/2002-423/000-005</a>
	<b>Nr. articol: 2002-423/000-006</b> Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; blue	<a href="http://www.wago.com/2002-423/000-006">www.wago.com/2002-423/000-006</a>










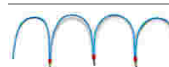
Supus modificărilor.

	<b>Nr. articol: 2002-433</b> Push-in type jumper bar; insulated; from 1 to 3; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-433">www.wago.com/2002-433</a>
	<b>Nr. articol: 2002-434</b> Push-in type jumper bar; insulated; from 1 to 4; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-434">www.wago.com/2002-434</a>
	<b>Nr. articol: 2002-435</b> Push-in type jumper bar; insulated; from 1 to 5; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-435">www.wago.com/2002-435</a>
	<b>Nr. articol: 2002-436</b> Push-in type jumper bar; insulated; from 1 to 6; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-436">www.wago.com/2002-436</a>
	<b>Nr. articol: 2002-437</b> Push-in type jumper bar; insulated; from 1 to 7; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-437">www.wago.com/2002-437</a>
	<b>Nr. articol: 2002-438</b> Push-in type jumper bar; insulated; from 1 to 8; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-438">www.wago.com/2002-438</a>
	<b>Nr. articol: 2002-439</b> Push-in type jumper bar; insulated; from 1 to 9; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-439">www.wago.com/2002-439</a>
	<b>Nr. articol: 2002-440</b> Push-in type jumper bar; insulated; from 1 to 10; Nominal current 25 A; light gray	<a href="http://www.wago.com/2002-440">www.wago.com/2002-440</a>
	<b>Nr. articol: 2002-472</b> Staggered jumper; insulated; 2-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray	<a href="http://www.wago.com/2002-472">www.wago.com/2002-472</a>
	<b>Nr. articol: 2002-473</b> Staggered jumper; insulated; 3-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray	<a href="http://www.wago.com/2002-473">www.wago.com/2002-473</a>
	<b>Nr. articol: 2002-473/011-000</b> Ready-made staggered jumper; insulated; 2-way (1-3); Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray	<a href="http://www.wago.com/2002-473/011-000">www.wago.com/2002-473/011-000</a>
	<b>Nr. articol: 2002-474</b> Staggered jumper; insulated; 4-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray	<a href="http://www.wago.com/2002-474">www.wago.com/2002-474</a>
	<b>Nr. articol: 2002-475</b> Staggered jumper; insulated; 5-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray	<a href="http://www.wago.com/2002-475">www.wago.com/2002-475</a>
	<b>Nr. articol: 2002-475/011-000</b> Ready-made staggered jumper; insulated; 3-way (1-3-5); Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray	<a href="http://www.wago.com/2002-475/011-000">www.wago.com/2002-475/011-000</a>
	<b>Nr. articol: 2002-476</b> Staggered jumper; insulated; 6-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray	<a href="http://www.wago.com/2002-476">www.wago.com/2002-476</a>
	<b>Nr. articol: 2002-477</b> Staggered jumper; insulated; 7-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray	<a href="http://www.wago.com/2002-477">www.wago.com/2002-477</a>
	<b>Nr. articol: 2002-477/011-000</b>	

Supus modificărilor.

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Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

	Ready-made staggered jumper; insulated; 1-3-5-7; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray	<a href="http://www.wago.com/2002-477/011-000">www.wago.com/2002-477/011-000</a>
	<b>Nr. articol: 2002-478</b> Staggered jumper; insulated; 8-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray	<a href="http://www.wago.com/2002-478">www.wago.com/2002-478</a>
	<b>Nr. articol: 2002-479</b> Staggered jumper; insulated; 9-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray	<a href="http://www.wago.com/2002-479">www.wago.com/2002-479</a>
	<b>Nr. articol: 2002-479/011-000</b> Ready-made staggered jumper; insulated; 1-3-5-7-9; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray	<a href="http://www.wago.com/2002-479/011-000">www.wago.com/2002-479/011-000</a>
	<b>Nr. articol: 2002-480</b> Staggered jumper; insulated; 10-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray	<a href="http://www.wago.com/2002-480">www.wago.com/2002-480</a>
	<b>Nr. articol: 2002-481</b> Staggered jumper; insulated; 11-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray	<a href="http://www.wago.com/2002-481">www.wago.com/2002-481</a>
	<b>Nr. articol: 2002-481/011-000</b> Ready-made staggered jumper; insulated; 1-3-5-7-9-11; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray	<a href="http://www.wago.com/2002-481/011-000">www.wago.com/2002-481/011-000</a>
	<b>Nr. articol: 2002-482</b> Staggered jumper; insulated; 12-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray	<a href="http://www.wago.com/2002-482">www.wago.com/2002-482</a>
	<b>Nr. articol: 2002-492</b> Double-deck vertical jumper; insulated; light gray	<a href="http://www.wago.com/2002-492">www.wago.com/2002-492</a>
	<b>Nr. articol: 2002-492/000-012</b> Double-deck vertical jumper; insulated; orange	<a href="http://www.wago.com/2002-492/000-012">www.wago.com/2002-492/000-012</a>
	<b>Nr. articol: 210-103</b> Wire commoning chain; insulated; 50 connections; black	<a href="http://www.wago.com/210-103">www.wago.com/210-103</a>
	<b>Nr. articol: 210-123</b> Wire commoning chain; insulated; 50 connections	<a href="http://www.wago.com/210-123">www.wago.com/210-123</a>

## Descărcări

### Documentation

#### Additional Information

Technical explanations

Apr 3, 2019

pdf  
2,1 MB

Descărcare

Supus modificărilor.

## CAD/CAE-Data

### CAD data

2D/3D Models 2002-2238

[URL](#)

[Descărcare](#)

### CAE data

EPLAN Data Portal 2002-2238

[URL](#)

[Descărcare](#)

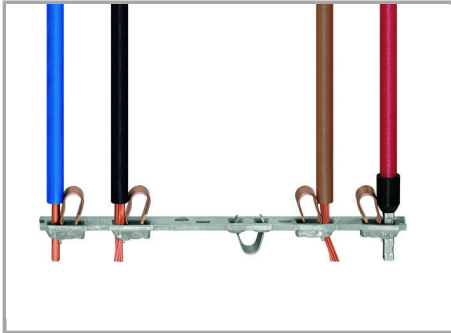
WSCAD Universe 2002-2238

[URL](#)

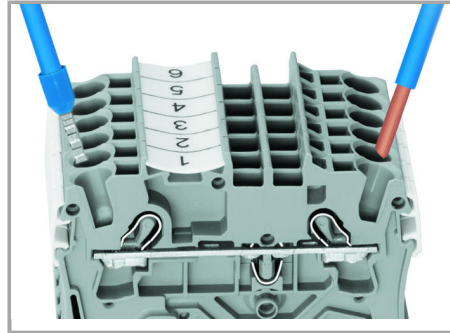
[Descărcare](#)

## Installation Notes

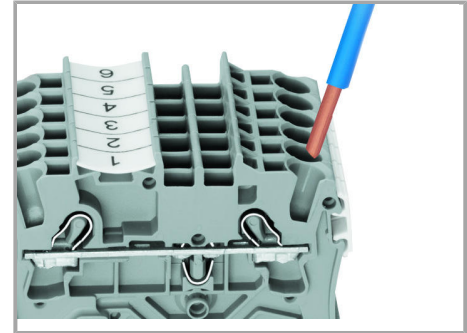
### Conductor termination



All conductor types at a glance



Terminating solid and ferruled conductors via push-in connection.

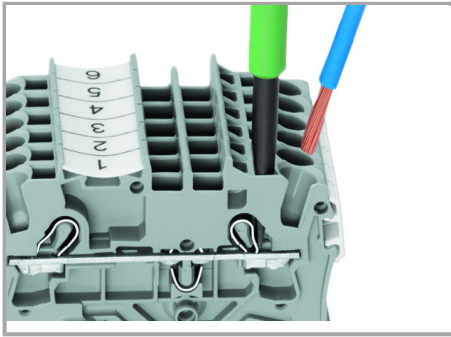


Inserting conductors via push-in termination.

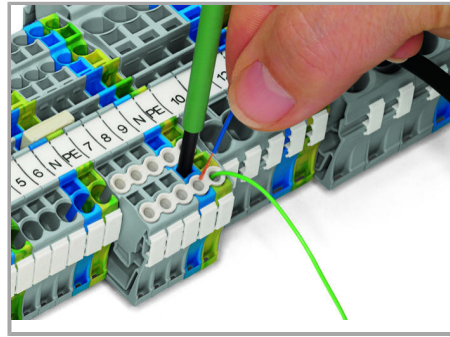
**Solid conductors** with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.

Supus modificărilor.





Inserting a conductor via operating tool.



Conductor termination – Insulation stop.

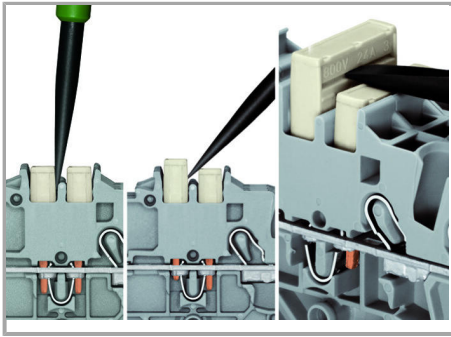
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

#### The smart feature:

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

#### Jumpered

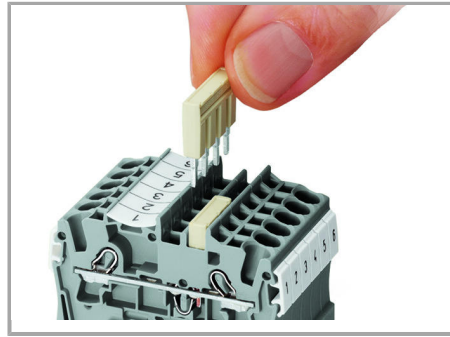
Supus modificărilor.



#### Removing a push-in type jumper bar.

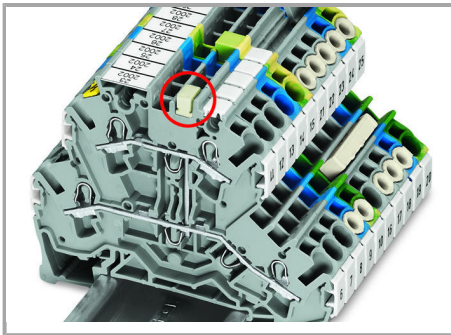
Insert the operating tool between the jumper and and partition wall of the dual jumper slots, then lift up the jumper.

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



The push-in type jumper bar system is based on the common plug and socket principle. Each terminal block is spring-loaded with a double socket and a resilient CrNi steel spring. The jumper contact material is pure electrolytic copper, which allows for an extremely small design capable of carrying the full-rated current of the terminal block. Ground terminal blocks can also be commoned using the same jumper system. Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).

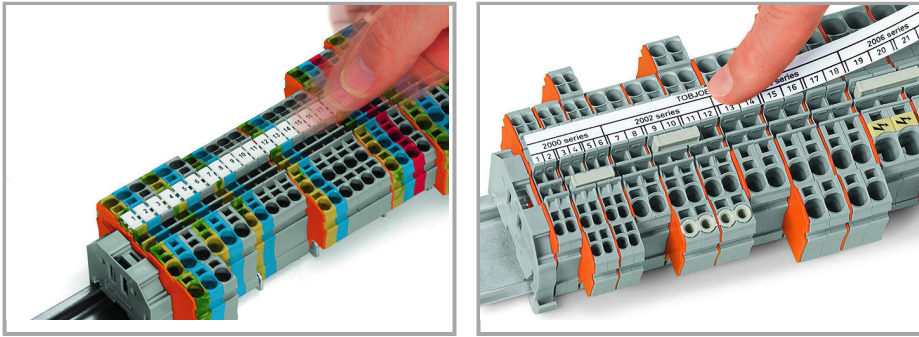
#### Commoning



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

#### Marking

Supus modificărilor.



Snapping WMB Inline markers into marker slots.

## Familie de produse

### 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.

[Afișare globală produse din familie.](#)

Supus modificărilor.

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