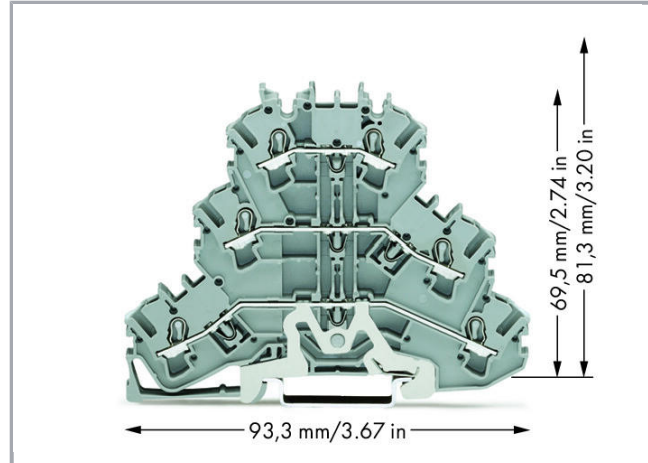
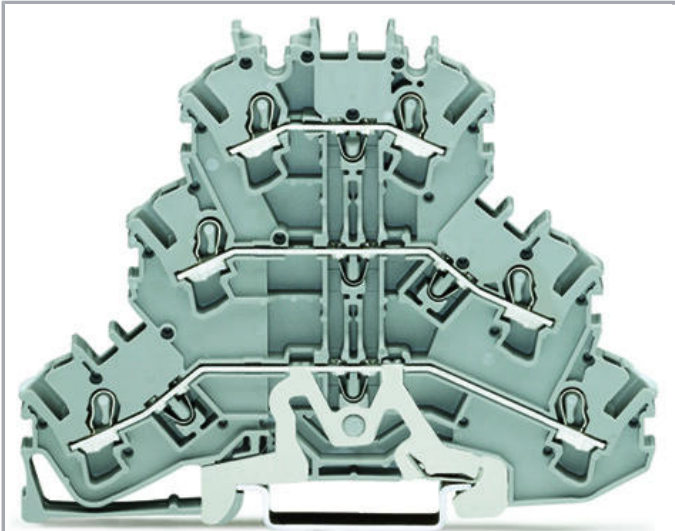


Fișă tehnică | Număr articol: 2002-3228

Triple-deck terminal block; Shield/through/through terminal block; Shield/L/L; without marker carrier; 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

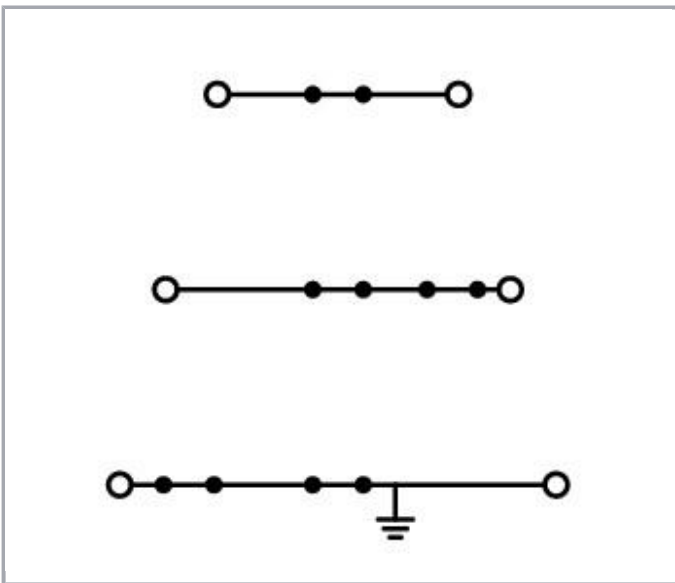
[www.wago.com/2002-3228](http://www.wago.com/2002-3228)



RoHS  Compliant

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

Culoare: ■



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.

**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

**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

**Connection data**

Connection technology	Push-in CAGE CLAMP®
Number of connection points (connection type)	3
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

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



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
Number of connection points	3
Total number of connection points	6
Total number of potentials	3
Number of levels	3
Wiring type	Front-entry wiring
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	69,5 mm / 2.736 inch
Depth	93,3 mm / 3.673 inch

### Mechanical data

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

### Material Data

Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0,306 MJ
Weight	19,7 g

### Commercial data

Product Group	22 (TOPJOB S)
Packaging type	BOX
Country of origin	DE
GTIN	4044918691260
Customs tariff number	85369010000




### Aprobări / certificate

#### Country specific Approvals




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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
	<b>CCA</b> DEKRA Certification B.V.	EN 60947	NTR NL 7730
	<b>CSA</b> DEKRA Certification B.V.	C22.2 No. 158	1536069
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 60947	71- 107687

## Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	<b>ABS</b> American Bureau of Shipping	EN 60947	20- HG1941090- PDA
	<b>BV</b> Bureau Veritas S.A.	EN 60947	38586/A0 BV
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

## UL-Approvals

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

## Counterpart



Supus modificărilor.

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/Representative Office Romania  
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building 1, 2nd floor | 077190 Voluntari, Ilfov  
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.

## 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>
















### Push-In type wire jumper

	<b>Nr. articol: 2009-412</b> 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	<a href="http://www.wago.com/2009-412">www.wago.com/2009-412</a>
	<b>Nr. articol: 2009-414</b> 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	<a href="http://www.wago.com/2009-414">www.wago.com/2009-414</a>
	<b>Nr. articol: 2009-414/000-005</b> 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	<a href="http://www.wago.com/2009-414/000-005">www.wago.com/2009-414/000-005</a>
	<b>Nr. articol: 2009-414/000-006</b> 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	<a href="http://www.wago.com/2009-414/000-006">www.wago.com/2009-414/000-006</a>
	<b>Nr. articol: 2009-416</b> 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	<a href="http://www.wago.com/2009-416">www.wago.com/2009-416</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>
	<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>
















Supus modificărilor.

	<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>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>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>Marking accessories</b>		
	<b>Nr. articol: 2002-131</b> Adaptor	<a href="http://www.wago.com/2002-131">www.wago.com/2002-131</a>
	<b>Nr. articol: 2002-161</b> Adaptor	<a href="http://www.wago.com/2002-161">www.wago.com/2002-161</a>
	<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>

Supus modificărilor.














	<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>
	<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>	

Supus modificărilor.

	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>
	<b>Nr. articol: 2009-193</b> Group marker carrier	<a href="http://www.wago.com/2009-193">www.wago.com/2009-193</a>
	<b>Nr. articol: 2009-198</b> Adaptor	<a href="http://www.wago.com/2009-198">www.wago.com/2009-198</a>
	<b>Nr. articol: 248-501</b> Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	<a href="http://www.wago.com/248-501">www.wago.com/248-501</a>
	<b>Nr. articol: 248-501/000-002</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow	<a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a>
	<b>Nr. articol: 248-501/000-005</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red	<a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</a>
	<b>Nr. articol: 248-501/000-006</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue	<a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a>
	<b>Nr. articol: 248-501/000-007</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray	<a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a>
	<b>Nr. articol: 248-501/000-012</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange	<a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a>
	<b>Nr. articol: 248-501/000-017</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green	<a href="http://www.wago.com/248-501/000-017">www.wago.com/248-501/000-017</a>
	<b>Nr. articol: 248-501/000-023</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green	<a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a>
	<b>Nr. articol: 248-501/000-024</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet	<a href="http://www.wago.com/248-501/000-024">www.wago.com/248-501/000-024</a>

Supus modificărilor.



	<b>Nr. articol: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>
	<b>Nr. articol: 793-501/000-002</b> WMB marking card; as card; not stretchable; plain; snap-on type; yellow	<a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>
	<b>Nr. articol: 793-501/000-005</b> WMB marking card; as card; not stretchable; plain; snap-on type; red	<a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a>
	<b>Nr. articol: 793-501/000-006</b> WMB marking card; as card; not stretchable; plain; snap-on type; blue	<a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>
	<b>Nr. articol: 793-501/000-007</b> WMB marking card; as card; not stretchable; plain; snap-on type; gray	<a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>
	<b>Nr. articol: 793-501/000-012</b> WMB marking card; as card; not stretchable; plain; snap-on type; orange	<a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>
	<b>Nr. articol: 793-501/000-017</b> WMB marking card; as card; not stretchable; plain; snap-on type; light green	<a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>
	<b>Nr. articol: 793-501/000-023</b> WMB marking card; as card; not stretchable; plain; snap-on type; green	<a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>
	<b>Nr. articol: 793-501/000-024</b> WMB marking card; as card; not stretchable; plain; snap-on type; violet	<a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a>
	<b>Nr. articol: 793-5501</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>
	<b>Nr. articol: 793-5501/000-002</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/793-5501/000-002">www.wago.com/793-5501/000-002</a>
	<b>Nr. articol: 793-5501/000-005</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/793-5501/000-005">www.wago.com/793-5501/000-005</a>
	<b>Nr. articol: 793-5501/000-006</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue	<a href="http://www.wago.com/793-5501/000-006">www.wago.com/793-5501/000-006</a>
	<b>Nr. articol: 793-5501/000-007</b>	

Supus modificărilor.



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

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)

#### End plate



**Nr. articol:** 2002-3291

End and intermediate plate; 0.8 mm thick; gray

[www.wago.com/2002-3291](http://www.wago.com/2002-3291)



**Nr. articol:** 2002-3292

End and intermediate plate; 0.8 mm thick; orange

[www.wago.com/2002-3292](http://www.wago.com/2002-3292)

#### 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>	

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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: 2002-493</b> Triple-deck vertical jumper; insulated; light gray	<a href="http://www.wago.com/2002-493">www.wago.com/2002-493</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>
<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>

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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: 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>
	<b>Nr. articol: 210-504</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	<a href="http://www.wago.com/210-504">www.wago.com/210-504</a>
	<b>Nr. articol: 210-505</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715	<a href="http://www.wago.com/210-505">www.wago.com/210-505</a>
	<b>Nr. articol: 210-506</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715	<a href="http://www.wago.com/210-506">www.wago.com/210-506</a>
	<b>Nr. articol: 210-508</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715	<a href="http://www.wago.com/210-508">www.wago.com/210-508</a>

## Descărcări

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 2,1 MB	Descărcare
------------------------	-------------	---------------	------------

### CAD/CAE-Data

#### CAD data

2D/3D Models 2002-3228	URL	Descărcare
------------------------	-----	------------

#### CAE data

EPLAN Data Portal 2002-3228	URL	Descărcare
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WSCAD Universe 2002-3228	URL	Descărcare
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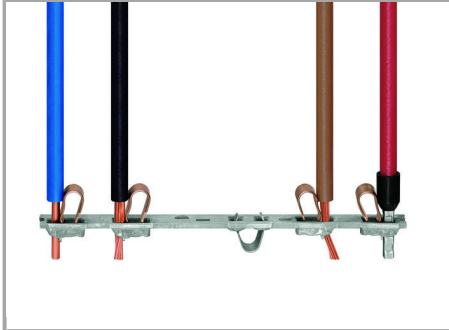
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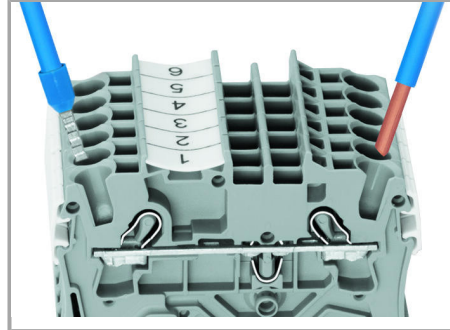
Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

## Installation Notes

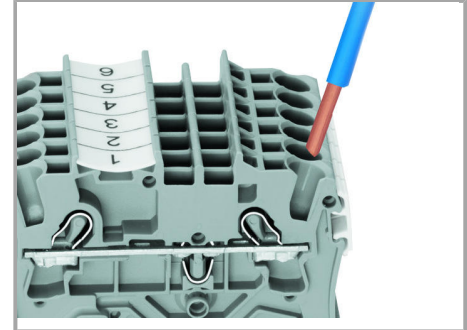
### Conductor termination



All conductor types at a glance



Terminating solid and ferruled conductors via push-in connection.

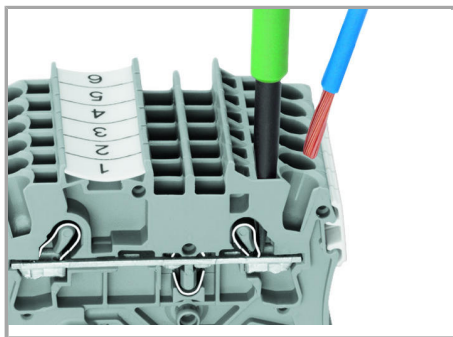


Inserting conductors via push-in termination.

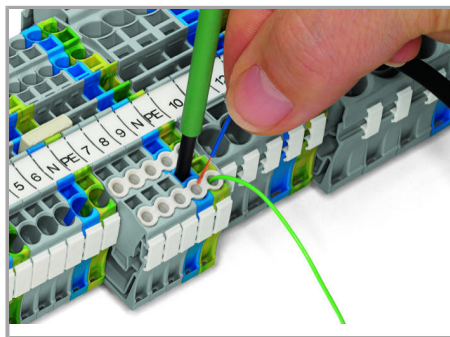
**Solid conductors** with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.

Supus modificărilor.





Inserting a conductor via operating tool.



Conductor termination – Insulation stop.

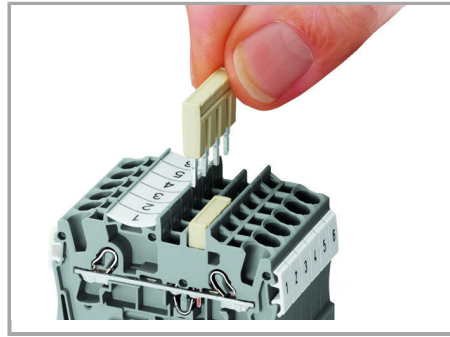
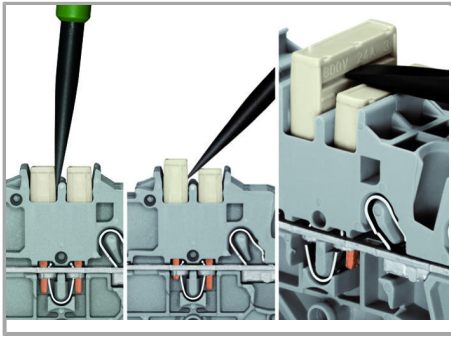
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

#### 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.



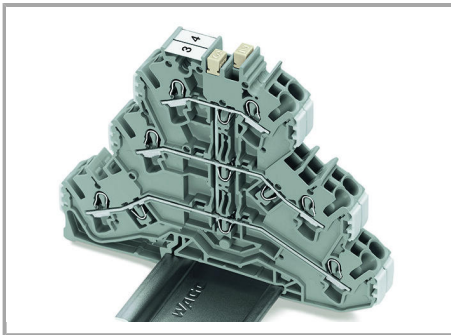
#### Removing a push-in type jumper bar.

Insert the operating tool between the jumper and the 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).

#### Jumpered



Commoning three levels via triple-deck vertical jumper (2002-493).

Created for double- and triple-deck TOPJOB® S Terminal Blocks, the vertical jumpers can common two or three levels. Clearly marked numerals ("2" and "3") distinguish the double-deck (2002-492) and triple-deck vertical jumpers (2002-493), even when inserted.

#### Familie de produse

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.



### 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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