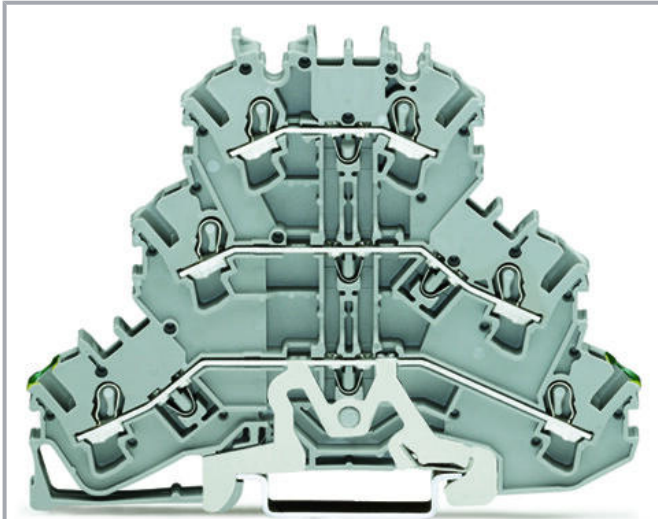


Data sheet | Item number: 2002-3227

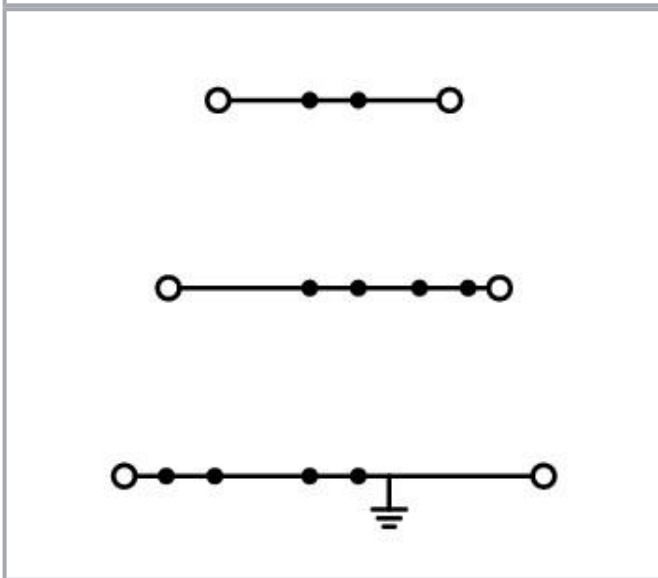
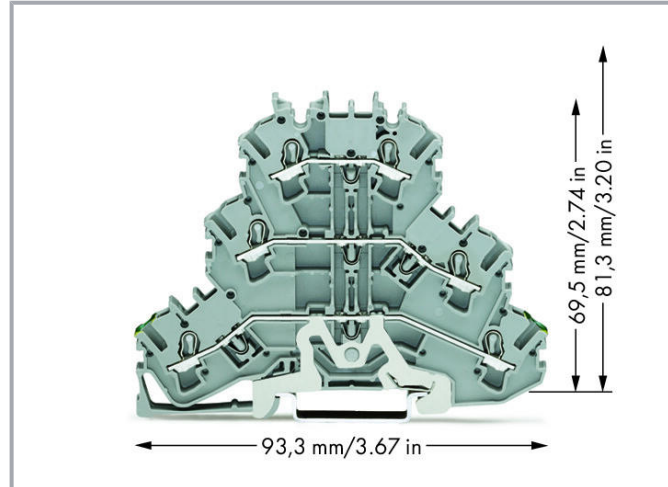
Triple-deck terminal block; Ground conductor/through/through terminal block; 2.5 mm²; PE/L/L; suitable for Ex e II applications; without marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm²; gray



www.wago.com/2002-3227



Color: —



Data

Electrical data

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

WAGO Kontakttechnik GmbH & Co. KG
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Do you have any questions about our products?
We are always happy to take your call at 01788 568 008.



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) ≙ 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)	19 A
Rated current (Ex e II) with jumper	17 A

Connection data

Total number of connection points	6
Total number of potentials	3
Number of levels	3
Number of jumper slots	6

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

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Connection 1

Connection technology	Push-in CAGE CLAMP®
Number of connection points	3
Actuation type	Push-in Operating tool
Connectable conductor materials	Copper
Nominal cross-section	2.5 mm ²
Solid conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Solid conductor; push-in termination	0.75 ... 4 mm ² / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm ² / 22 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm ² / 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.
Conductor diameter	22 ... 12 AWG
Strip length	10 ... 12 mm / 0.39 ... 0.47 inch
Wiring direction	Front-entry wiring

Connection 2

Number of connection points 2	3
-------------------------------	---

Physical data

Width	5.2 mm / 0.205 inch
Height	93.3 mm / 3.673 inch
Depth from upper edge of DIN-rail	69.5 mm / 2.736 inch

Mechanical data

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

Material data

Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0

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

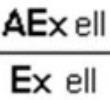




Fire load	0.306 MJ
Weight	19.7 g

Commercial data


Product Group	22 (TOPJOB S)
PU (SPU)	50 Stück
Packaging type	box
Country of origin	DE
GTIN	4044918691215
Customs tariff number	85369010000

Approvals / Certificates



Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	AEx Underwriters Laboratories Inc.	UL 60079	E185892
	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
	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
	CCA DEKRA Certification B.V.	EN 60947	71- 107687


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

	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

UL-Approvals

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

Required accessories






End plate

End plate		
	Item no.: 2002-3292 End and intermediate plate; 0.8 mm thick; orange	www.wago.com/2002-3292
	Item no.: 2002-3291 End and intermediate plate; 0.8 mm thick; gray	www.wago.com/2002-3291




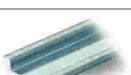



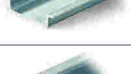
Subject to changes. Please also observe the further product documentation!

Optional accessories

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 mm ² ; insulated; 110 mm long; black	www.wago.com/2009-414
	Item no.: 2009-416 Push-in type wire jumper; 1.5 mm ² ; insulated; 250 mm long; black	www.wago.com/2009-416
	Item no.: 2009-414/000-005 Push-in type wire jumper; 1.5 mm ² ; insulated; 110 mm long; black	www.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

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	

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



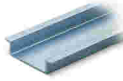
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; www.wago.com/210-112
silver-colored



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; www.wago.com/210-115
silver-colored



Item no.: 210-196
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored www.wago.com/210-196

Insulation stop

Insulation stop

Item no.: 2002-171
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray www.wago.com/2002-171

Item no.: 2002-172
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray www.wago.com/2002-172

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

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.: 2002-131
Adaptor; gray www.wago.com/2002-131








Item no.: 2002-161
Adaptor; gray www.wago.com/2002-161

Marker



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

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

	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
	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

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



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



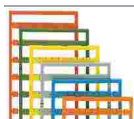
Item no.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

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

Item no.: 793-5501/000-014

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



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



Item no.: 793-5501/000-017
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green www.wago.com/793-5501/000-017



Item no.: 793-5501/000-023
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green www.wago.com/793-5501/000-023



Item no.: 793-5501/000-024
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet www.wago.com/793-5501/000-024



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



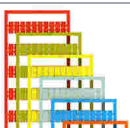
Item no.: 793-501/000-007
WMB marking card; as card; not stretchable; plain; snap-on type; gray www.wago.com/793-501/000-007



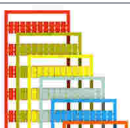
Item no.: 793-501/000-017
WMB marking card; as card; not stretchable; plain; snap-on type; light green www.wago.com/793-501/000-017



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

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



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

www.wago.com/793-501



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

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



Item no.: 793-5501/000-005
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red

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

www.wago.com/2009-193



Item no.: 2009-192
Group marker carrier

www.wago.com/2009-192

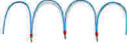














Item no.: 2009-191
Group marker carrier

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

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



Item no.: 2002-406/000-006
Jumper; 6-way; insulated; blue

www.wago.com/2002-406/000-006



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

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



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



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

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

	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 Staggered jumper; 5-way; insulated; light gray	www.wago.com/2002-475
	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

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





	Item no.: 2002-493 Vertical jumper; insulated; light gray	www.wago.com/2002-493
	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
Protective warning marker		
Cover		
	Item no.: 2002-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	www.wago.com/2002-115
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	www.wago.com/216-262

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crimped; acc. to DIN 46228, Part 4/09.90; gray

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 mm ² ; tool-free connection for individual test wires 0.08 - 2.5 mm; gray	www.wago.com/2009-182
	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

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Documentation

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2002-3227

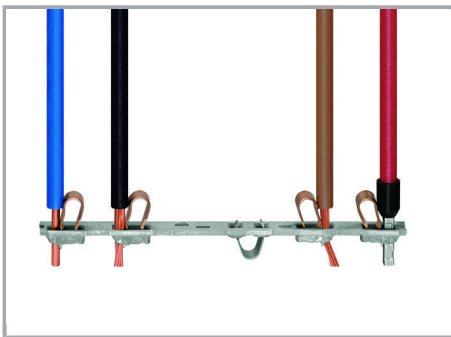
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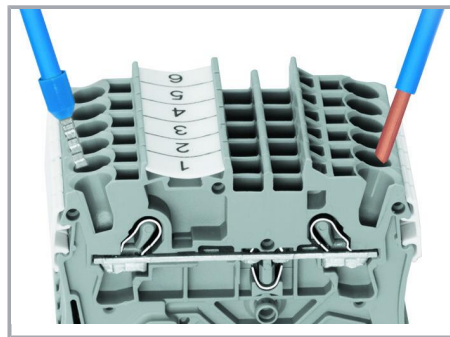
Triple-deck terminal block; Ground conductor/through/through terminal block; 2.5 mm²; PE/L/L; suitable for Ex e II applications; without marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm²; gray

Installation Notes

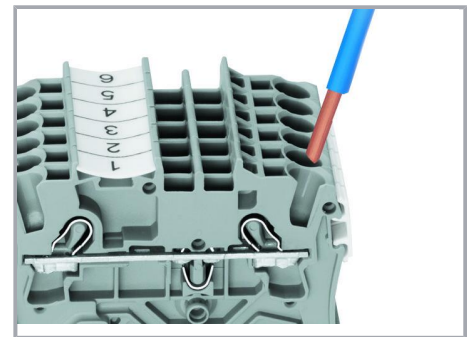
Conductor termination



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.

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Inserting a conductor via operating tool:

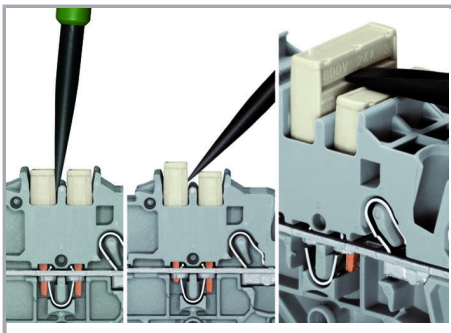
Conductor termination – insulation stop

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.

Advantage:

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

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.

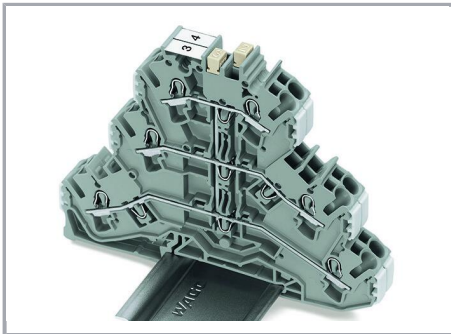
Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

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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 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 (2002-0492) and triple-deck vertical jumpers (2002-0493), even when inserted.

Product family

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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.

[Show all products from the family](#)

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