Data sheet | Item number: 2002-3247
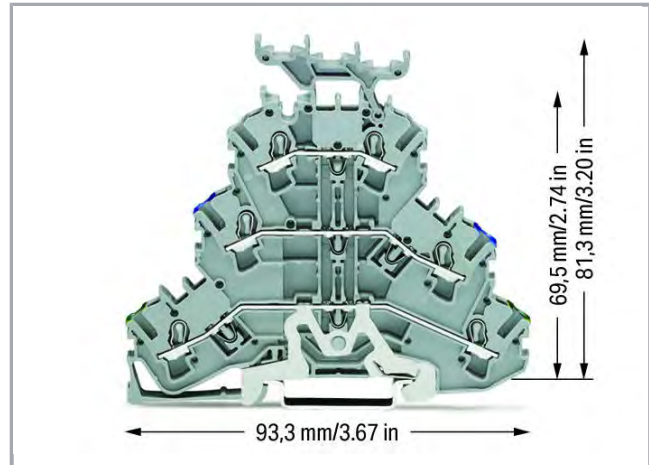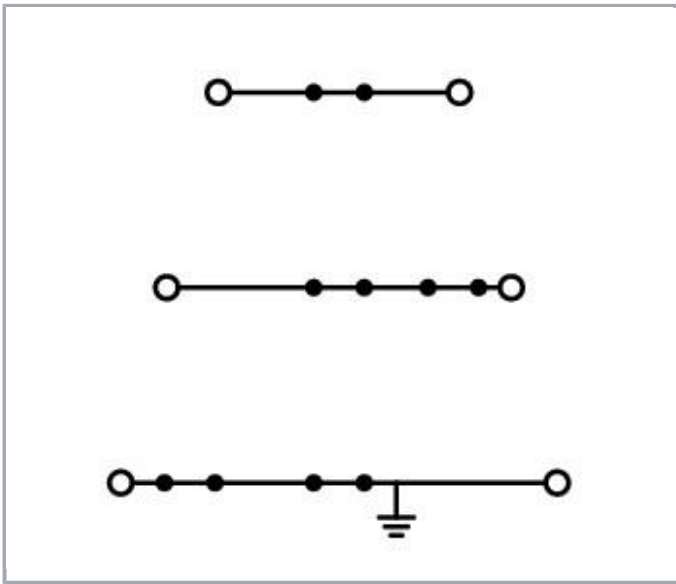
Triple-deck terminal block; Ground conductor/through/through terminal block; PE/N/L; with marker carrier; suitable for Ex e II applications; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray

RoHS ✔ Compliant   BOMcheck.net   Color: ⬛

69,5 mm/2.74 in
81,3 mm/3.20 in
93,3 mm/3.67 in

Data
Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60947-7-1
Rated voltage (III / 3)	500 V
Rated impulse 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 Ex

Rated voltage EN (Ex e II)	440 V

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

Rated current (Ex e II)	19 A
Rated current (Ex e II) with jumper	17 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 mm²
Solid conductor	0,25 … 4 mm² / 22 … 12 AWG
Solid conductor, push-in termination	0,75 … 4 mm² / 18 … 12 AWG
Fine-stranded conductor	0,25 … 4 mm² / 22 … 12 AWG
Fine-stranded conductor with ferrule with plastic collar	1 … 2,5 mm² / 18 … 12 AWG
Fine-stranded conductor with ferrule, push-in termination, from	1 … 2,5 mm² / 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
Type of wiring	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-35 rail	81,3 mm / 3.201 inch
Depth	93,3 mm / 3.673 inch

Mechanical data

Design	horizontal type
Type of mounting	DIN-35 rail
Potential marking	PE/N/L
Marking level	Center/side marking

Material Data

Color	gray

Subject to changes. Please also observe the further product documentation!
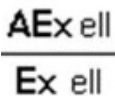
Insulating material	Polyamide 66 (PA 66)
Fire load	0.326 MJ
Weight	20.4 g

Commercial data

Product Group	22 (TOPJOB S)
Packaging type	BOX
Country of origin	DE
GTIN	4044918989626
Customs Tariff No.	85369010000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
AEx ell / Ex ell	**AEx** Underwriters Laboratories Inc.	UL 60079	20190704-E185892
(Ex)	**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)
IECEx	**IECEx** Physikalisch Technische Bundesanstalt	IEC 60079	IECEx PTB 03.0004U (Ex eb IIC Gb or Ex eb I Mb)

Country specific Approvals

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

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

| KEMA/KEUR | EN 60947 | 71- |
| DEKRA Certification B.V. | | 107687 |

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
	cURus Underwriters Laboratories Inc.	UL 1059	E45172

Counterpart

Compatible products

Carrier rail

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

	Item no.: 210-112 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm
	Item no.: 210-113 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715
	Item no.: 210-114 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715
	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
	Item no.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715
	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
	Item no.: 210-197 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715
	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
	Item no.: 210-504 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715
	Item no.: 210-505 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715
	Item no.: 210-506 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715
	Item no.: 210-508 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715

ferrule

	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray
	Item no.: 216-243 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red
	Item no.: 216-244 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black
	Item no.: 216-246

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

Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

Item no.: 216-262
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

Item no.: 216-263
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

Item no.: 216-264
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

Item no.: 216-266
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

Marking accessories

Item no.: 2002-161
Adaptor

Item no.: 2009-110
Marking strips; on reel; not stretchable; plain; snap-on type; white

Item no.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

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

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

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

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

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

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

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

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

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

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Item no.: 2009-145

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

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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

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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

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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

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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

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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

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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

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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

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Item no.: 2009-191

Group marker carrier

Item no.: 2009-192

Group marker carrier

Item no.: 2009-193

Group marker carrier

Item no.: 2009-198

Adaptor

Item no.: 248-501

Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card

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Item no.: 248-501/000-002

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

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

Item no.: 248-501/000-005
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

Item no.: 248-501/000-006
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

Item no.: 248-501/000-007
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

Item no.: 248-501/000-012
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

Item no.: 248-501/000-017
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green

Item no.: 248-501/000-023
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

Item no.: 248-501/000-024
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

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

Item no.: 793-501/000-002
WMB marking card; as card; not stretchable; plain; snap-on type; yellow

Item no.: 793-501/000-005
WMB marking card; as card; not stretchable; plain; snap-on type; red

Item no.: 793-501/000-006
WMB marking card; as card; not stretchable; plain; snap-on type; blue

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

Item no.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type; orange

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

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

Item no.: 793-501/000-023
WMB marking card; as card; not stretchable; plain; snap-on type; green

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

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

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

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

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

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

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

Item no.: 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

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

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

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

Protective Warning Marker

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

Item no.: 2002-115
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

Push-In type wire jumper

Item no.: 2009-412
Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; black

Item no.: 2009-414
Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; black

Item no.: 2009-414/000-005
Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; red

Item no.: 2009-414/000-006
Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; blue

Item no.: 2009-416
Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; black

Jumper

Item no.: 2002-400
Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current 25 A; light gray

Item no.: 2002-402
Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; light gray

Item no.: 2002-402/000-005
Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; red

Item no.: 2002-402/000-006
Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; blue

Item no.: 2002-403
Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; light gray

Item no.: 2002-403/000-005
Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; red

Item no.: 2002-403/000-006
Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; blue

Item no.: 2002-404
Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; light gray

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

Item no.: 2002-404/000-005
Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; red

Item no.: 2002-404/000-006
Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; blue

Item no.: 2002-405
Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; light gray

Item no.: 2002-405/000-005
Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; red

Item no.: 2002-405/000-006
Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; blue

Item no.: 2002-405/011-000
Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block; light gray

Item no.: 2002-406
Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; light gray

Item no.: 2002-406/000-005
Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; red

Item no.: 2002-406/000-006
Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; blue

Item no.: 2002-406/020-000
Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block; light gray

Item no.: 2002-407
Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; light gray

Item no.: 2002-407/000-005
Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; red

Item no.: 2002-407/000-006
Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; blue

Item no.: 2002-408
Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; light gray

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

Item no.: 2002-408/000-005

Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; red

Item no.: 2002-408/000-006

Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; blue

Item no.: 2002-409

Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; light gray

Item no.: 2002-409/000-005

Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; red

Item no.: 2002-409/000-006

Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; blue

Item no.: 2002-410

Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; light gray

Item no.: 2002-410/000-005

Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; red

Item no.: 2002-410/000-006

Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; blue

Item no.: 2002-423

Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; light gray

Item no.: 2002-423/000-005

Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; red

Item no.: 2002-423/000-006

Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; blue

Item no.: 2002-433

Push-in type jumper bar; insulated; from 1 to 3; Nominal current 25 A; light gray

Item no.: 2002-434

Push-in type jumper bar; insulated; from 1 to 4; Nominal current 25 A; light gray

Item no.: 2002-435

Push-in type jumper bar; insulated; from 1 to 5; Nominal current 25 A; light gray

Item no.: 2002-436

Push-in type jumper bar; insulated; from 1 to 6; Nominal current 25 A; light gray

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

Item no.: 2002-437
Push-in type jumper bar; insulated; from 1 to 7; Nominal current 25 A; light gray

Item no.: 2002-438
Push-in type jumper bar; insulated; from 1 to 8; Nominal current 25 A; light gray

Item no.: 2002-439
Push-in type jumper bar; insulated; from 1 to 9; Nominal current 25 A; light gray

Item no.: 2002-440
Push-in type jumper bar; insulated; from 1 to 10; Nominal current 25 A; light gray

Item no.: 2002-472
Staggered jumper; insulated; 2-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-473
Staggered jumper; insulated; 3-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-473/011-000
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

Item no.: 2002-474
Staggered jumper; insulated; 4-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-475
Staggered jumper; insulated; 5-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-475/011-000
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

Item no.: 2002-476
Staggered jumper; insulated; 6-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-477
Staggered jumper; insulated; 7-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-477/011-000
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

Item no.: 2002-478
Staggered jumper; insulated; 8-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-479
Staggered jumper; insulated; 9-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-479/011-000
Ready-made staggered jumper; insulated; 1-3-5-7-9; Nominal current 25 A; with contact lugs broken

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

off at the factory and circuit marking; light gray

Item no.: 2002-480
Staggered jumper; insulated; 10-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray
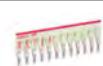
Item no.: 2002-481
Staggered jumper; insulated; 11-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-481/011-000
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

Item no.: 2002-482
Staggered jumper; insulated; 12-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-492
Double-deck vertical jumper; insulated; light gray

Item no.: 2002-492/000-012
Double-deck vertical jumper; insulated; orange

Item no.: 2002-493
Triple-deck vertical jumper; insulated; light gray

Item no.: 210-103
Wire commoning chain; insulated; 50 connections; black

Item no.: 210-123
Wire commoning chain; insulated; 50 connections

check

Item no.: 2002-611
TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm²; gray

Item no.: 2002-649
TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray

Item no.: 2009-174
Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

Item no.: 2009-182
Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

tools

Item no.: 210-658
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short

Item no.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft

End plate

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

Item no.: 2002-3291
End and intermediate plate; 0.8 mm thick; gray

Item no.: 2002-3292
End and intermediate plate; 0.8 mm thick; orange

Insulation stop

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

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

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019

CAD/CAE-Data

CAD data

2D/3D Models 2002-3247

CAE data
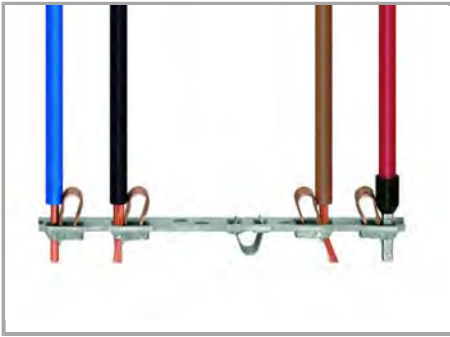
EPLAN Data Portal 2002-3247

WSCAD Universe 2002-3247
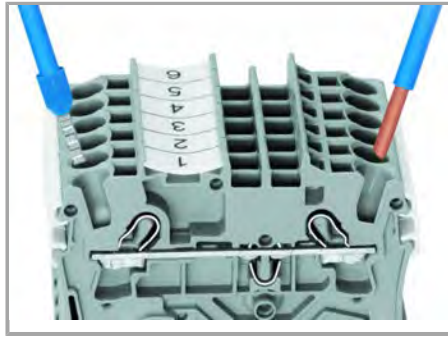
Installation Notes

Conductor termination

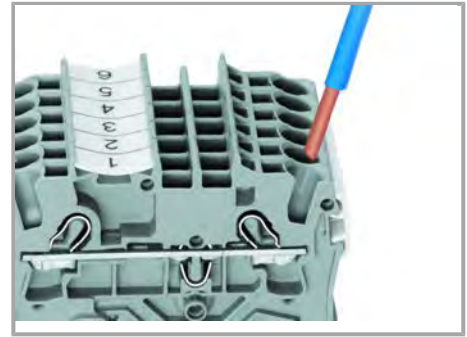Subject to changes. Please also observe the further product documentation!

All conductor types at a glance

Terminating solid and ferruled conductors via push-in connection.
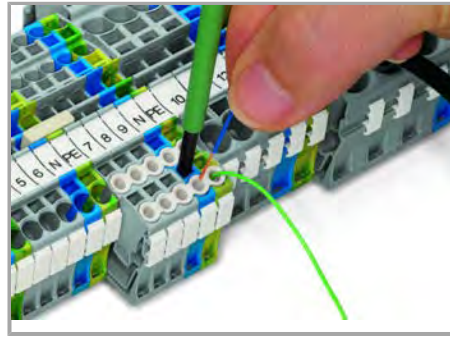

Inserting conductors via push-in termination.

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.

Subject to changes. Please also observe the further product documentation!
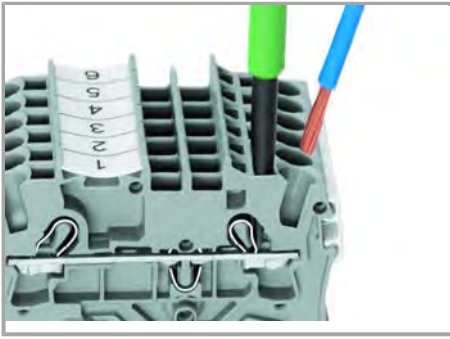
Inserting a conductor via operating tool.

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

Subject to changes. Please also observe the further product documentation!
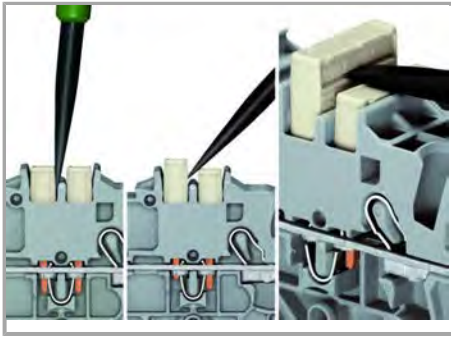
Removing a push-in type jumper bar.

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).

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.

Product family

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

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