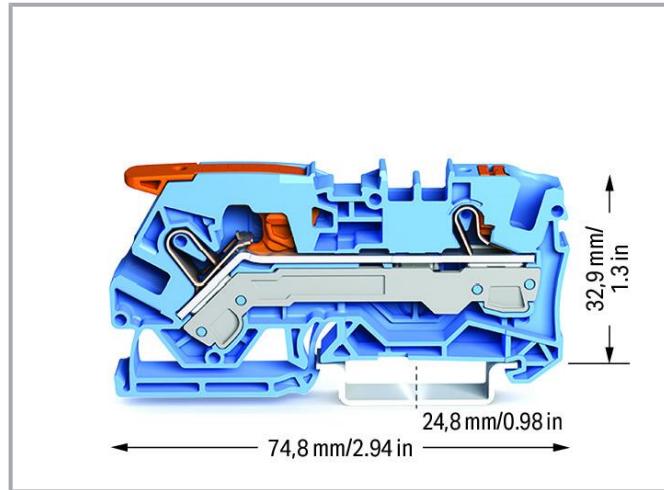
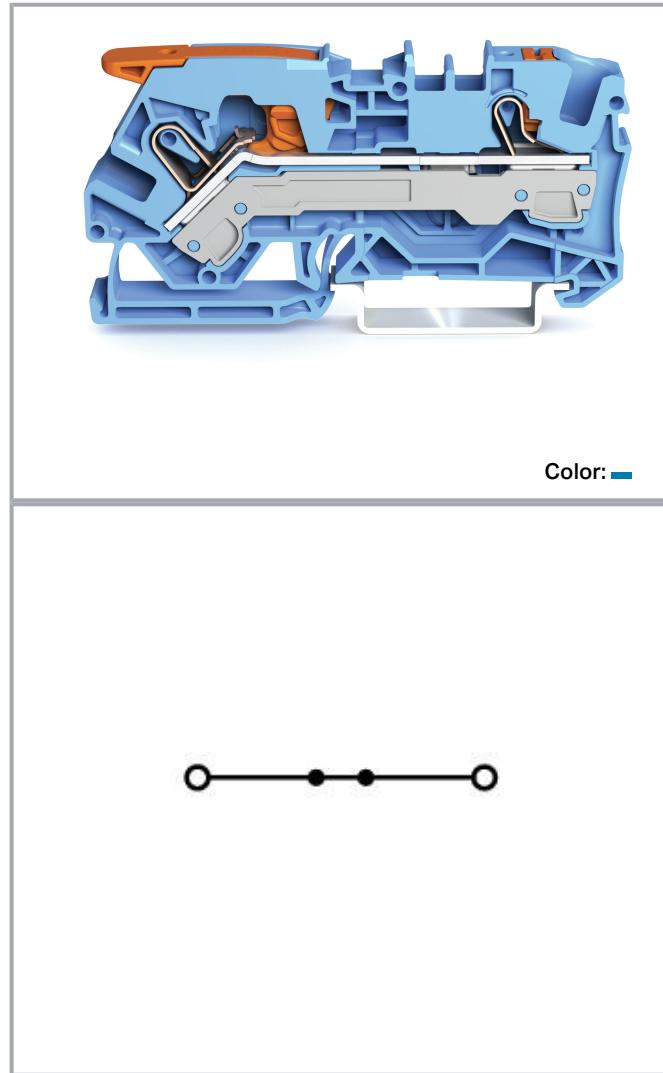


Data sheet | Item number: 2106-5204

2-conductor through terminal block; with lever and push-button; 6 mm²; with test port; suitable for Ex i applications; side and center marking; for DIN-rail
 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 6,00 mm²; blue

www.wago.com/2106-5204



Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	800 V

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

Rated impulse voltage (III/3)	8 kV
Rated current	41 A
Current at conductor cross-section (max.) mm ²	55 A
Legend (ratings)	(III / 3) ≈ Overvoltage category III / Pollution degree 3

Ratings per UL 1059

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	50 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	50 A
Rated voltage UL (Use Group D)	600 V
Rated current UL (Use Group D)	5 A
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	30 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	30 A

Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	45 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	45 A

Ex information

Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications"
Ratings per	ATEX: PTB 18 ATEX 1011 U / IECEx: PTB 18.0018U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	41 A
Rated current (Ex e II) with jumper	33 A

Power loss

Power loss, per pole (potential)	1.311 W
Rated current I _N for specified power loss	41 A

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

Resistance value for specified, current-dependent power loss

0.001 Ω

Connection data

Connection points	2
Total number of potentials	1
Number of levels	1
Number of jumper slots	2

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	6 mm ²
Solid conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Solid conductor; push-in termination	1 ... 10 mm ² / 14 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 6 mm ² / 20 ... 10 AWG
Fine-stranded conductor; with ferrule; push-in termination	2.5 ... 6 mm ² / 16 ... 10 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	13 ... 15 mm / 0.51 ... 0.59 inches
Wiring direction	Front-entry wiring

Connection 2

Actuation type 2	Push-button
------------------	-------------

Physical data

Width	7.5 mm / 0.295 inches
Height	74.8 mm / 2.945 inches
Depth from upper-edge of DIN-rail	32.9 mm / 1.295 inches

Mechanical Data

Mounting type	DIN-35 rail
Marking level	Center/side marking

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

Material Data

Note (material data)

Information on material specifications can be found here

Color	blue
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.361 MJ
Weight	15.2 g

Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data

eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	25 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143742467
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7678

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

	CCC CNEX	GB/T 3836.3	2020312313000164 (Ex eb IIC Gb, Ex eb I Mb)
	CSA DEKRA Certification B.V.	C22.2	70175103
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-103226
	UL Underwriters Laboratories Inc.	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19- HG1866350- PDA
	BV Bureau Veritas S.A.	IEC 60947	58186/A0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00003JT

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



LR
Lloyds Register

19/20050

Approvals for hazardous areas

Logo	Approval	Additional Approval Text	Certificate name
AEx	AEx UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt	UL 60079	E185892 (AEx eb IIC resp. Ex eb IIC)
	ATEX Physikalisch Technische Bundesanstalt	EN 60079-0	PTB 18 ATEX 1011 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
	CCC CNEX	GB/T 3836.3	2020312313000164 (Ex eb IIC Gb, Ex eb I Mb)
EAC	EAC Brjansker Zertifizierungsstelle	TP TC 012/2011	RU C-DE.AM02.B. 00127/19 (Ex eb IIC Gb U)
IECEx	IECEx Physikalisch Technische Bundesanstalt	IEC 60079-0	IECEx PTB 18.0018U (Ex eb IIC Gb resp. Ex eb I Mb)
	INMETRO TÜV Rheinland do Brasil Ltda.	IEC 60079	TÜV 19.0823 U

Required accessories

End plate

End plate



Item no.: 2106-1291

End and intermediate plate; 1 mm thick; gray

www.wago.com/2106-1291

Item no.: 2106-1292

End and intermediate plate; 1 mm thick; orange

www.wago.com/2106-1292

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

WAGO GmbH & Co. KG

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Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

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We are always happy to take your call at +49 (571) 887-44222.

Optional accessories

Tool

Operating tool



Item no.: 210-721

Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-721

Jumpers

Jumper



Item no.: 2006-402

Jumper; 2-way; insulated; light gray

www.wago.com/2006-402



Item no.: 2006-405

Jumper; 5-way; insulated; light gray

www.wago.com/2006-405



Item no.: 2006-433

Jumper; from 1 to 3; insulated; light gray

www.wago.com/2006-433



Item no.: 2006-403

Jumper; 3-way; insulated; light gray

www.wago.com/2006-403



Item no.: 2006-405/011-000

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

www.wago.com/2006-405/011-000



Item no.: 2006-404

Jumper; 4-way; insulated; light gray

www.wago.com/2006-404



Item no.: 2006-434

Jumper; from 1 to 4; insulated; light gray

www.wago.com/2006-434



Item no.: 2006-435

Jumper; from 1 to 5; insulated; light gray

www.wago.com/2006-435

Testing and measuring

Testing accessories



Item no.: 2009-174

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

www.wago.com/2009-174



Item no.: 2009-182

Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

www.wago.com/2009-182



Item no.: 2006-511

Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 6,00 mm²; gray

www.wago.com/2006-511

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

Item no.: 2006-549

Spacer module; modular; e.g., for bridging commoned terminal blocks; gray

www.wago.com/2006-549



Item no.: 210-136

Test plug; 2 mm Ø; with 500 mm cable; red

www.wago.com/210-136

Cover

Cover



Item no.: 2006-191

Lockout cap; for wire insertion and actuating opening; gray

www.wago.com/2006-191

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

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



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

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

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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	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
	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

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

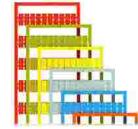
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/248-501/000-017
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/248-501/000-005
	Item no.: 248-501/000-024 Mini-WSB 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
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	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; light 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; 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

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



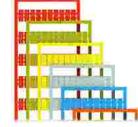
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www.wago.com/793-501/000-017



Item no.: 793-501/000-012
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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



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



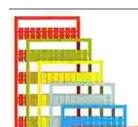
Item no.: 793-5501/000-005
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www.wago.com/793-5501/000-005



Item no.: 793-5501/000-002
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

www.wago.com/793-5501/000-002



Item no.: 793-5501/000-006
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue

www.wago.com/793-5501/000-006



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

www.wago.com/793-5501

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

**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**Group marker carrier****Item no.: 2009-193**

Group marker carrier; gray

www.wago.com/2009-193**Item no.: 2009-192**

Group marker carrier; gray

www.wago.com/2009-192**Item no.: 2009-191**

Group marker carrier; gray

www.wago.com/2009-191**Ferrule****Ferrule****Item no.: 216-208**Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow**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.: 216-266**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**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.: 216-262**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.: 216-267**Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray**Mounting****Cover carrier****Item no.: 709-169**

Cover carrier; Type 3; gray

www.wago.com/709-169**Cover****Item no.: 709-156**

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

www.wago.com/709-156**Carrier rail**

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

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.: 210-113 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	www.wago.com/210-113
	Item no.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	www.wago.com/210-118
	Item no.: 210-112 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm"; silver-colored	www.wago.com/210-112
	Item no.: 210-114 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	www.wago.com/210-114
	Item no.: 210-115 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm"; silver-colored	www.wago.com/210-115
	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

Downloads

Documentation

Bid Text

2106-5204 docx - Datei	2019 Apr 15	docx 15.0 kB	Download
2106-5204 X81 - Datei	2019 Apr 15	xml 4.1 kB	Download

Additional Information

Technical Section Technical explanations	pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

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

2D/3D Models 2106-5204

[URL](#)

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CAE data

EPLAN Data Portal 2106-5204

[URL](#)

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ZUKEN Portal 2106-5204

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2106-5204

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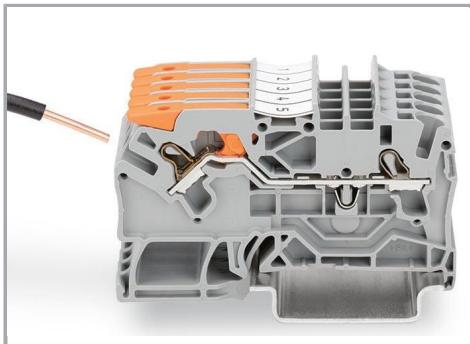
2-conductor through terminal block; with lever and push-button; 6 mm²; with test port; suitable for Ex i applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 6,00 mm²; blue

Installation Notes

Conductor termination



All conductor types at a glance



Push-in termination of solid conductors

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

WAGO GmbH & Co. KG

Hansastraße 27

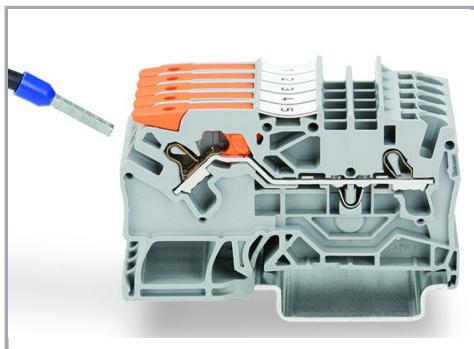
32423 Minden

Phone: +49 571 887-0 | Fax: +49 571 887-169

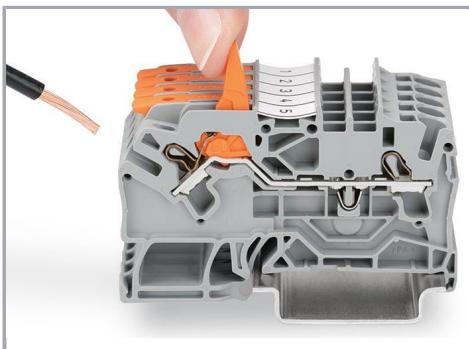
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

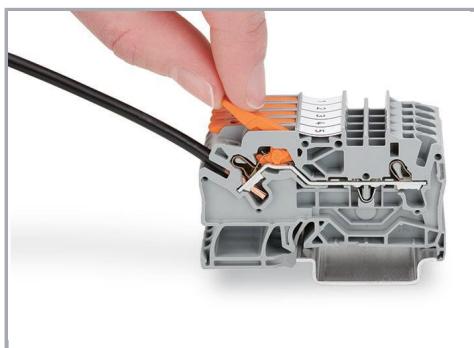
We are always happy to take your call at +49 (571) 887-44222.



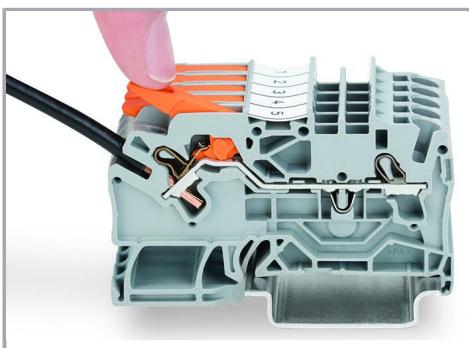
Push-in termination of fine-stranded conductors with ferrules



Pull the lever up until it stops, then connect the fine-stranded conductor.



Push the lever back down – done!



Push the lever back down – done!

Commoning



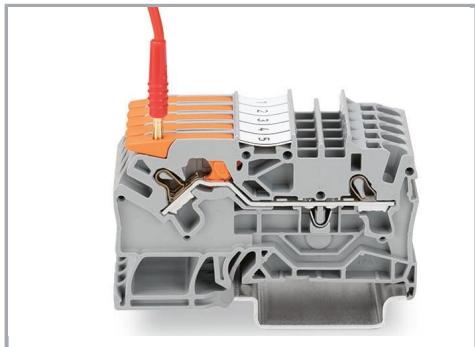
Insert a push-in type jumper bar and push down until it hits the backstop.



Commoning with step-down jumpers.

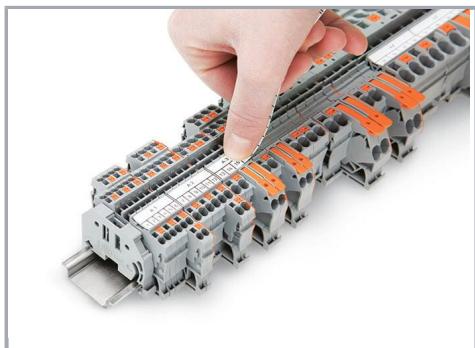
Testing

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

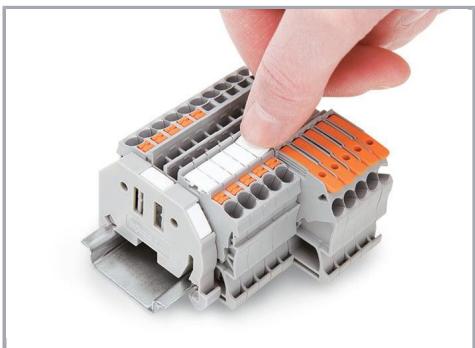


Testing with a 2 mm Ø test plug (max. 42 V).

Marking



Snapping a marking strip into a marker slot.



Snapping a marking strip into the marker slot.

Product family

TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

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

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Do you have any questions about our products?

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