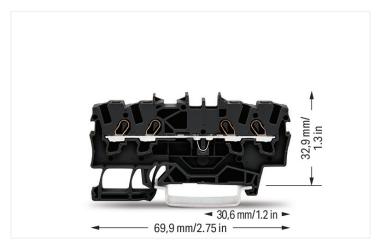
4-conductor through terminal block; 1.5 mm<sup>2</sup>; suitable for Ex e II applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,50 mm<sup>2</sup>: black

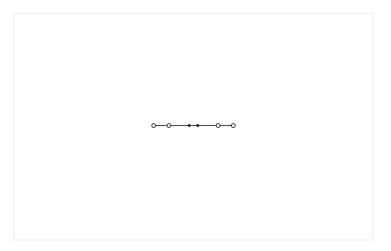


https://www.wago.com/2001-1405





Color: ■ black



Similar to illustration

#### Through terminal block, 2001 Series, black

This through terminal block (item number 2001-1405) is designed for quick and simple connections. Strip lengths must be between 9 and 11 mm when connecting conductors to this through terminal block. Whether for use in industry or building installations, our rail-mount through terminal blocks make it easy to quickly and securely connect electrical conductors. They're perfect for either classic through-wiring or distributing potential, depending on the variant. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® technology provides a universal connection solution for all conductor types. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. Dimensions: (4.2 x 69.9 x 39.5) mm (width x height x depth). Depending on the type of conductor, this through terminal block is designed for conductor cross sections ranging from 0.25 mm² to 2.5 mm².

This through rail-mount terminal block is operated with an operating tool. Our TOPJOB® S rail-mount terminal blocks are perfect for many different industrial applications and modern building installations thanks to the secure electrical connections they provide. You can work anywhere in the world and on any application with just a single rail-mount terminal block system. This product is designed for specific Ex applications (please refer to the product datasheet).



Electrical data			
Ratings per	IEC	'EN 60947-	7-1
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	800 V	-	-
Rated impulse withstand voltage	8 kV	-	-
Rated current	17.5 A	-	-
Current at conductor cross-section (max.) mm <sup>2</sup>	24 A	-	-

Approvals per		UL 1059	
Use group	В	С	D
Rated voltage	600 V	600 V	-
Rated current	15 A	15 A	-

Approvals per	CS	SA 22.2 No 1	58
Use group	В	С	D
Rated voltage	600 V	600 V	-
Rated current	15 A	15 A	-

Ex information	
Reference to hazardous areas	See application instructions in section "Knowledge and Downloads – Documentation – Additio- nal Information: Technical Section; Tech- nical Explications"
Ratings per	ATEX: PTB 05 ATEX 1094 U / IECEx: PTB 05.0034U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	17 A
Rated current (Ex e II) with jumper	16 A

Power Loss	
Power loss, per pole (potential)	0.5929 W
Rated current $\boldsymbol{I}_{N}$ for power loss specification	18 A
Resistance value for specified, current- dependent power loss	0.00183 Ω

tion data				
oing units	4		Connection 1	
number of potentials	1		Connection technology	Push-in CAGE CLAMP®
per of levels	1		Actuation type	Operating tool
per of jumper slots	2		Connectable conductor materials	Copper
			Nominal cross-section	1.5 mm²
			Solid conductor	0.25 2.5 mm² / 22 14 AWG
			Solid conductor; push-in termination	0.75 2.5 mm² / 18 14 AWG
	Fine-stranded conductor	0.25 2.5 mm² / 22 14 AWG		
	Fine-stranded conductor; with insulated ferrule	0.25 1.5 mm² / 22 16 AWG		
	Fine-stranded conductor; with ferrule; push-in termination	0.75 1.5 mm² / 18 16 AWG		
	Note (conductor cross-section)	Depending on the conductor characteric, a conductor with a smaller crossection can also be inserted via push termination.		
	Strip length	9 11 mm / 0.35 0.43 inches		
			Wiring direction	Front-entry wiring

# Data Sheet | Item Number: 2001-1405 https://www.wago.com/2001-1405



Physical data	
Width	4.2 mm / 0.165 inches
Height	69.9 mm / 2.752 inches
Depth from upper-edge of DIN-rail	32.9 mm / 1.295 inches
Depth	39.5 mm / 1.555 inches

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

Material data	
Note (material data)	Information on material specifications can be found here
Color	black
Material group	T
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.124 MJ
Weight	5.2 g

vironmental requirements			
rocessing temperature	-35 +85 ℃	Environmental Testing	
Continuous operating temperature -60 +105 °C	Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	
		Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-0
		Spectrum/Mounting location	Service life test, Category 1, Class A/B
		Functional test with noise-like oscillations	Test passed according to Section 8 of the standard
		Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$
		Acceleration	0.101g (highest test level used for all axes)
		Test duration per axis	10 min.
		Test directions	X, Y and Z axes
	Monitoring of contact faults and interruptions	Passed	
	Voltage drop measurement before and after each axis	Passed	
	Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard	
		Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$
		Acceleration	0.572g (highest test level used for all axes)
		Test duration per axis	5 h
		Test directions	X, Y and Z axes
		Extended testing: Monitoring of contact faults and interruptions	Passed
		Extended testing: Voltage drop measurement before and after each axis	Passed
	Shock test	Test passed according to Section 10 of the standard	
	Shock pulse form	Half sine	
	Acceleration	5g (highest test level used for all axes)	
	Shock duration	30 ms	
	Number of shocks (per axis)	3 pos. und 3 neg.	

https://www.wago.com/2001-1405

stock equipment



Environmental Testing

Test directions X, Y and Z axes

Extended testing: Monitoring of contact faults and interruptions

Extended testing: Voltage drop measurement before and after each axis

Vibration and shock stress for rolling Passed

Commercial data	
Product Group	22 (TOPJOB S)
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454537425
Customs tariff number	85369010000

Product Classification	
UNSPSC	39121410
eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 9.0	EC000897
ETIM 8.0	EC000897
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

#### Approvals / Certificates

#### General approvals







Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7963
CSA DEKRA Certification B.V.	C22.2 No. 158	1645434
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-125954
UL UL International Germany GmbH	UL 1059	E45172

#### Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
ATEX-Attestation of Conformity WAGO GmbH & Co. KG	-	-
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
Railway WAGO GmbH & Co. KG	-	Railway Ready
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

https://www.wago.com/2001-1405



#### Approvals for marine applications









Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	24-0152298-PDA
BV Bureau Veritas S.A.	EN 60947	38586/B0 BV
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2
PRS Polski Rejestr Statków	-	TE/1094/880590/23

#### Approvals for hazardous areas











Approval	Standard	Certificate Name
AEx UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt	UL 60079	E185892 (AEx e II resp. Ex e II)
ATEX Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 05 ATEX 1094 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
CCC CQST/CNEx	GB/T 3836.3	2020312313000159 (Ex eb IIC Gb, Ex eb I Mb)
IECEx Physikalisch Technische Bundesanstalt (PTB)	IEC 60079	IECEx PTB 05.0034U (Ex eb IIC Gb or Ex eb I Mb)
INMETRO TÜV Rheinland do Brasil Ltda.	IEC 60079	TÜV 12.1308 U

#### **Downloads**

#### **Environmental Product Compliance**

#### Compliance Search

**Environmental Product** Compliance 2001-1405



#### Documentation

Bid Text	Bid Text		
2001-1405	19.02.2019	xml 3.93 KB	$\underline{\downarrow}$
2001-1405	02.08.2018	docx 14.77 KB	$\underline{\downarrow}$

CAD/CAE-Data		
CAD data	CAE data	
2D/3D Models 2001-1405	EPLAN Data Portal 2001-1405	$\downarrow$
	WSCAD Universe 2001-1405	$\overline{\downarrow}$
	ZUKEN Portal	

2001-1405

https://www.wago.com/2001-1405



#### 1 Compatible Products

#### 1.1 Required Accessories

#### 1.1.1 End plate

#### 1.1.1.1 End plate

Item No.: 2002-1491

arav



End and intermediate plate; 0.8 mm thick;

Item No.: 2002-1492

End and intermediate plate; 0.8 mm thick; orange



Item No.: 209-191

Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange

#### 1.2 Optional Accessories

#### 1.2.1 DIN-rail

#### 1.2.1.1 Mounting accessories



Item No.: 210-196

#### Item No.: 210-198

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

#### 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

#### 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



#### 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

#### 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

#### 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

#### 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

#### 1.2.2 End plate

#### 1.2.2.1 End plate



#### Item No.: 2002-1493

Seperator plate; 2 mm thick; oversized; gray

#### Item No.: 2002-1494

Seperator plate; 2 mm thick; oversized; orange

#### 1.2.3 Ferrule

#### 1.2.3.1 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

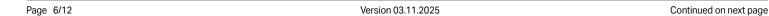
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

#### 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



https://www.wago.com/2001-1405



#### 1.2.4 Installation

#### 1.2.4.1 Cover



Item No.: 709-156

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

#### 1.2.4.2 Cover carrier



#### Item No.: 709-169

Cover carrier; Type 3; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

#### 1.2.5 Insulation stop

#### 1.2.5.1 Insulation stop



Item No.: 2001-171

Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/ strip; light gray

#### 1.2.6 Jumper

#### 1.2.6.1 Jumper



Item No.: 2001-406/020-000

Delta jumper; insulated; light gray

Item No.: 2001-410

Jumper; 10-way; insulated; light gray

Item No.: 2001-402

Jumper; 2-way; insulated; light gray

Item No.: 2001-403

Jumper; 3-way; insulated; light gray

Item No.: 2001-404

Jumper; 4-way; insulated; light gray

Item No.: 2001-405

Jumper; 5-way; insulated; light gray

Item No.: 2001-406

Jumper; 6-way; insulated; light gray

Item No.: 2001-407

Jumper; 7-way; insulated; light gray

Item No.: 2001-408

Jumper; 8-way; insulated; light gray

Item No.: 2001-409

Jumper; 9-way; insulated; light gray

Item No.: 2001-440

Jumper; from 1 to 10; insulated; light gray

Item No.: 2001-433

Jumper; from 1 to 3; insulated; light gray

Item No.: 2001-434

Jumper; from 1 to 4; insulated; light gray

Item No.: 2001-435

Jumper; from 1 to 5; insulated; light gray

Item No.: 2001-436

Jumper; from 1 to 6; insulated; light gray

Item No.: 2001-437

Jumper; from 1 to 7; insulated; light gray

Item No.: 2001-438

Jumper; from 1 to 8; insulated; light gray

Item No.: 2001-439

Jumper; from 1 to 9; insulated; light gray

Item No.: 2001-405/011-000 Star point jumper; 3-way; insulated; light

gray

Item No.: 2006-499

Step-down jumper; from 2006/2004 to 2004/2002/2001 series; from 2206/2204 to 2204/2202/2201 series; insulated; light



Item No.: 210-103

Wire commoning chain; insulated; black

Item No.: 210-123

Wire commoning chain; insulated; blue

https://www.wago.com/2001-1405



#### 1.2.7 Marking

#### 1.2.7.1 Marker



#### Item No.: 793-4501/000-006

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue



#### Item No.: 793-4501/000-007

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray



#### Item No.: 793-4501/000-023

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; green



#### Item No.: 793-4501/000-017

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light



#### Item No.: 793-4501/000-012

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange



#### Item No.: 793-4501/000-005

Item No.: 2009-114/000-006

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red





### Item No.: 793-4501/000-024

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet



WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white



#### Item No.: 793-4501/000-002

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; yellow

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; blue

#### Item No.: 2009-114/000-007

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray

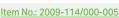
#### Item No.: 2009-114/000-023

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green



#### Item No.: 2009-114/000-012

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; orange



WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red

#### Item No.: 2009-114/000-024

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet

#### Item No.: 2009-114

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white



#### Item No.: 2009-114/000-002

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snapon type; yellow

#### 1.2.7.2 Marking strip



#### Item No.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

#### 1.2.8 Protective warning marker

#### 1.2.8.1 Cover



#### Item No.: 2001-115

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

https://www.wago.com/2001-1405



#### 1.2.9 Push-in type wire jumper

#### 1.2.9.1 Jumper



Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black



Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black

Item No.: 2009-416

Push-in type wire jumper; 1.5 mm²; insulated; 250 mm long; black

Item No.: 2009-414/000-006

Push-in type wire jumper; insulated; 110 mm long; black



Push-in type wire jumper; insulated; 60 mm long; black

#### 1.2.10 Screwless end stop

#### 1.2.10.1 Mounting accessories



Item No.: 249-117

Screwless end stop; 10 mm wide; for DINrail 35 x 15 and 35 x 7.5; gray



Item No.: 249-116

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

#### 1.2.11 Test and measurement

#### 1.2.11.1 Testing accessories

#### Item No.: 2001-560

Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; gray

#### Item No.: 2001-511

Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; gray

#### Item No.: 2001-552

Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; gray

#### Item No.: 2001-553

Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; gray

#### Item No.: 2001-554

Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; gray

## Item No.: 2001-555

Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; gray

#### Item No.: 2001-556

Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; gray

#### Item No.: 2001-557

Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; gray

#### Item No.: 2001-558

Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; gray

#### Item No.: 2001-559

Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; gray

#### Item No.: 2001-549

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

https://www.wago.com/2001-1405



#### 1.2.12 Tool

#### 1.2.12.1 Operating tool



Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

Item No.: 210-648
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short

#### /

Item No.: 210-647

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

#### **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.

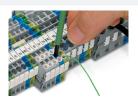


#### Inserting a conductor via operating tool:

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.



Conductor termination – insulation stop

#### Commoning



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



## Removing a push-in type jumper bar: Insert the operating tool between the jum-

per 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.

# W/AGO

#### Commoning



This star point jumper has been specially developed to create a "star point" and is used on motor terminal boards equipped with Rail-Mount Terminal Blocks TOPJOB® S



This delta jumper has been specially developed to create a delta configuration and is used on motor terminal boards equipped with rail-mount terminal blocks TOPJOB® S.



Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.

#### Commoning



Step-down jumpers common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drop can be a problem. A large conductor can be easily connected to smaller conductors at the distribution point.

Commoning may be made in either direction using the special thin end plate to cover the open side. Additional through terminal blocks having a smaller cross-section may be commoned using push-in type jumper bars.



**Using step-down jumpers,** an end plate must be inserted between the terminal blocks to be commoned.



Step-down jumper (Item No. 2006-499) commons 6/4 mm² (10/12 AWG) terminal blocks (2006/2004 Series) with 4/2.5/1.5 mm² (AWG 12/14/16) terminal blocks (2004/2002/2001 Series).



Step-down jumper (Item No. 2016-499) commons 16/10 mm² (16/8 AWG) terminal blocks (2016/2010 Series) with 10/6/4/2.5 mm² (8/10/12/14 AWG) terminal blocks (2010/2006/2004/2002 Series).



## Stepping down via push-in type jumper bar:

Commoning via open terminal side with end plate allows jumpering over two cross-section sizes for 16 mm² (6 AWG) and 10 mm² (8 AWG) and one cross-section size for 6/4/2.5 mm² (10/12/14 AWG). An example: from 16 mm² (6 AWG) to 6 mm² (10 AWG) (see illustration above) or from 10 mm² (8 AWG) to 4 mm² (12 AWG).



## Stepping down via push-in type jumper bar:

Commoning via closed terminal side with end plate allows jumpering over two cross-section sizes, e.g., from 16 mm² (6 AWG) to 6 mm² (10 AWG) or from 6 mm² (10 AWG) to 2.5 mm² (14 AWG) (see illustration above).



#### Note:

The total current of the outgoing circuits must not exceed the nominal current of the step-down jumper/push-in type jumper bar.

#### **Testing**



The modular TOPJOB® S connectors also connect conductors of the same size as the terminal blocks being used.



TOPJOB® S Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester



Rail-mount terminal block assembly for electric motor wiring



Test plug adapter (Item No. 2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series

https://www.wago.com/2001-1405



#### Testing



Testing tap (Item No. 2009-182) for toolfree connection of test cables up to 2.5 mm<sup>2</sup> (12 AWG) - compatible with 2000 to 2016 Series

#### Marking



Snapping WMB Inline markers into marker slots.



TOPJOB® S 2009-193 Group Marker Carrier (equipped with a marking strip) for all 2001 to 2016 Series TOPJOB® S Rail-Mount Terminal Blocks Do not use on an end plate!



#### Ex application



Through terminal blocks with a blue insulated housing are suitable for Ex i applications.



All through and ground conductor terminal blocks are suitable for Ex e II applications.



## Separator plate for Ex e/Ex i applicati-

An end plate must be applied to the terminal block located directly behind an Ex e/ Ex i separator plate.



## Ex e II/Ex i terminal strip

The movable feet of terminal blocks and separator plates must face the same direction.



A separator plate is located between the Ex e II and Ex i terminal strip.

End plate

Ex e II terminal blocks

Separator plate for Ex e/Ex i applications End plate

Ex i terminal blocks

According to EN 50020, a minimum distance of 50 mm must be kept between live parts of Ex e and Ex i circuits. The use of Ex e/Ex i separators is a space-saving solution when Ex e and Ex i terminal blocks are mounted on a common DINrail.

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

Current addresses can be found at:: www.wago.com

Page 12/12 Version 03.11.2025