

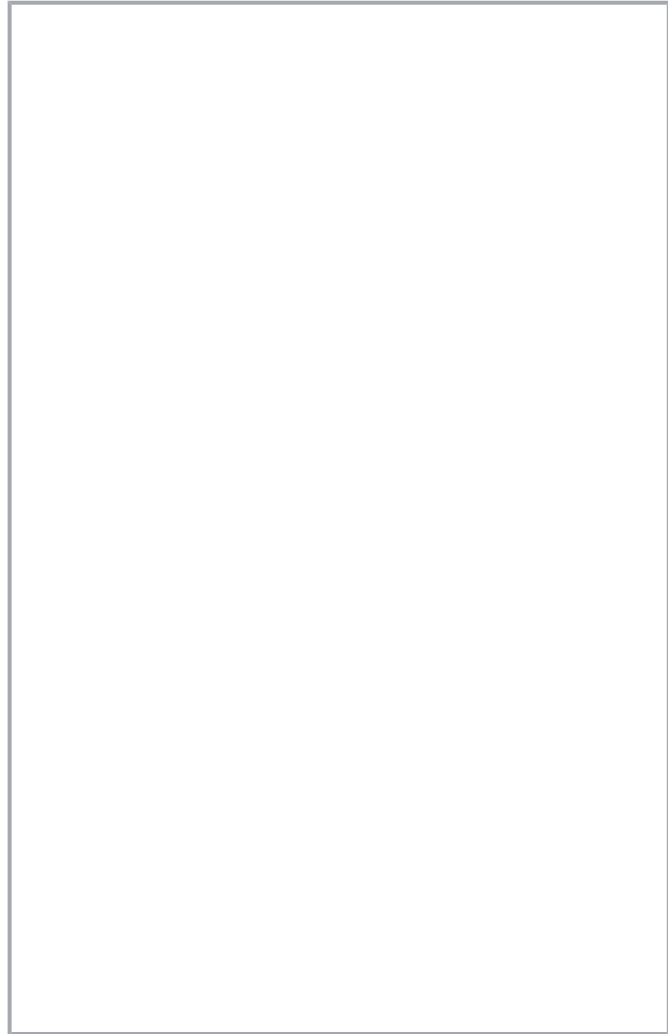
**Data sheet | Item number: 2202-1203**

2-conductor through terminal block; with push-button; 2.5 mm<sup>2</sup>; with test port; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; red

[www.wago.com/2202-1203](http://www.wago.com/2202-1203)



Color:



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

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## Data

### Electrical data

#### Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	800 V
Rated impulse voltage (III/3)	8 kV
Rated current	24 A
Current at conductor cross-section (max.) mm <sup>2</sup>	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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## Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	20 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	20 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)	20 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	20 A

## Ex information

Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications"
Ratings per	ATEX: PTB 18 ATEX 1005 U / IECEx: PTB 18.0012U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	22 A
Rated current (Ex e II) with jumper	20 A

## Power Loss

Power loss, per pole (potential)	0.766 W
Rated current $I_N$ for specified power loss	24 A
Resistance value for specified, current-dependent power loss	0.001 $\Omega$

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



Actuation type	Push-button
Connectable conductor materials	Copper
Nominal cross-section	2.5 mm <sup>2</sup>
Solid conductor	0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG
Solid conductor; push-in termination	0.75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm <sup>2</sup> / 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.
Strip length	10 ... 12 mm / 0.39 ... 0.47 inches
Wiring direction	Front-entry wiring

### Physical data

Width	5.2 mm / 0.205 inches
Height	48.5 mm / 1.909 inches
Depth from upper-edge of DIN-rail	32.9 mm / 1.295 inches

### Mechanical Data

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

### Material Data

Note (material data)	Information on material specifications can be found here
Color	red
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.129 MJ
Actuator color	orange
Weight	5.3 g

### Environmental requirements

Processing temperature	-35 ... +85 °C
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Subject to changes. Please also observe the further product documentation!

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Continuous operating temperature	-60 ... +105 °C
----------------------------------	-----------------

**Commercial data**

ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	100 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143822091
Customs tariff number	85369010000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates****General approvals**

Logo	Approval	Additional Approval Text	Certificate name
	<b>CCA</b> DEKRA Certification B.V.	EN 60947	NTR NL-7950
	<b>CSA</b> DEKRA Certification B.V.	C22.2	70173745
	<b>cURus</b> Underwriters Laboratories Inc.	UL 1059	E45172
	<b>cURus</b> Underwriters Laboratories Inc.	UL 1059	E45172
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 60947	71-124827

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

Logo	Approval	Additional Approval Text	Certificate name
	<b>ATEX-Attestation of Conformity</b> WAGO GmbH & Co. KG	-	-
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-
	<b>UK-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

**Approvals for marine applications**

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

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Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	-	19- HG1866350- PDA
	<b>BV</b> Bureau Veritas S.A.	IEC 60947	58186/A0 BV
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAE00003JT
	<b>LR</b> Lloyds Register	-	19/20050

**Approvals for hazardous areas**

Logo	Approval	Additional Approval Text	Certificate name
	<b>ATEX</b> Physikalisch Technische Bundesanstalt	IEC 60079-0	PTB 18 ATEX 1005 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
	<b>CCC</b> CQST/CNEEx	GB/T 3836.3	2020312313000169 (Ex eb IIC Gb, Ex eb I Mb)
	<b>IECEX</b> Physikalisch Technische Bundesanstalt	IEC 60079	IECEX PTB 18.0012U (Ex eb IIC Gb and Ex eb I Mb)

**Required accessories****End plate**

End plate	
<b>Item no.: 209-191</b> Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange	<a href="http://www.wago.com/209-191">www.wago.com/209-191</a>
<b>Item no.: 209-190</b> Separator for Ex e/Ex i applications; 3 mm thick; 90 mm wide; orange	<a href="http://www.wago.com/209-190">www.wago.com/209-190</a>
<b>Item no.: 2002-1291</b> End and intermediate plate; 0.8 mm thick; gray	<a href="http://www.wago.com/2002-1291">www.wago.com/2002-1291</a>
<b>Item no.: 2002-1292</b> End and intermediate plate; 0.8 mm thick; orange	<a href="http://www.wago.com/2002-1292">www.wago.com/2002-1292</a>

**Optional accessories****Carrier rail**

Mounting accessories
<b>Item no.: 210-197</b>

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



Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-197">www.wago.com/210-197</a>
<b>Item no.: 210-198</b> Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored	<a href="http://www.wago.com/210-198">www.wago.com/210-198</a>
<b>Item no.: 210-504</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-504">www.wago.com/210-504</a>
<b>Item no.: 210-505</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-505">www.wago.com/210-505</a>
<b>Item no.: 210-506</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-506">www.wago.com/210-506</a>
<b>Item no.: 210-508</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-508">www.wago.com/210-508</a>
<b>Item no.: 210-113</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-113">www.wago.com/210-113</a>
<b>Item no.: 210-118</b> Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-118">www.wago.com/210-118</a>
<b>Item no.: 210-112</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored	<a href="http://www.wago.com/210-112">www.wago.com/210-112</a>
<b>Item no.: 210-114</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-114">www.wago.com/210-114</a>
<b>Item no.: 210-115</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored	<a href="http://www.wago.com/210-115">www.wago.com/210-115</a>
<b>Item no.: 210-196</b> Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-196">www.wago.com/210-196</a>

#### Marking accessories

Marking strip	
<b>Item no.: 2009-110</b> Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
Marker carrier	
<b>Item no.: 2009-198</b> Adaptor; gray	<a href="http://www.wago.com/2009-198">www.wago.com/2009-198</a>
<b>Item no.: 2002-161</b> Adaptor; gray	<a href="http://www.wago.com/2002-161">www.wago.com/2002-161</a>
Marker	

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



<b>Item no.: 2009-115/000-002</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a>
<b>Item no.: 2009-115/000-007</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a>
<b>Item no.: 2009-115/000-017</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green	<a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a>
<b>Item no.: 2009-115/000-023</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a>
<b>Item no.: 2009-115/000-024</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a>
<b>Item no.: 2009-145/000-006</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	<a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a>
<b>Item no.: 2009-145</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>
<b>Item no.: 2009-145/000-002</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a>
<b>Item no.: 2009-145/000-007</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a>
<b>Item no.: 2009-145/000-005</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a>
<b>Item no.: 2009-145/000-012</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a>
<b>Item no.: 2009-145/000-023</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a>
<b>Item no.: 2009-145/000-024</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a>
<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>

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





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**Item no.: 248-501/000-006** [www.wago.com/248-501/000-006](http://www.wago.com/248-501/000-006)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

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**Item no.: 248-501/000-007** [www.wago.com/248-501/000-007](http://www.wago.com/248-501/000-007)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

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**Item no.: 248-501/000-002** [www.wago.com/248-501/000-002](http://www.wago.com/248-501/000-002)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

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**Item no.: 248-501/000-012** [www.wago.com/248-501/000-012](http://www.wago.com/248-501/000-012)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

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**Item no.: 248-501** [www.wago.com/248-501](http://www.wago.com/248-501)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

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**Item no.: 248-501/000-017** [www.wago.com/248-501/000-017](http://www.wago.com/248-501/000-017)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green

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**Item no.: 248-501/000-005** [www.wago.com/248-501/000-005](http://www.wago.com/248-501/000-005)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

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**Item no.: 248-501/000-024** [www.wago.com/248-501/000-024](http://www.wago.com/248-501/000-024)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

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**Item no.: 248-501/000-023** [www.wago.com/248-501/000-023](http://www.wago.com/248-501/000-023)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

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**Item no.: 793-5501/000-007** [www.wago.com/793-5501/000-007](http://www.wago.com/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

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**Item no.: 793-5501/000-012** [www.wago.com/793-5501/000-012](http://www.wago.com/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

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**Item no.: 793-5501/000-014** [www.wago.com/793-5501/000-014](http://www.wago.com/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

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**Item no.: 793-5501/000-017** [www.wago.com/793-5501/000-017](http://www.wago.com/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

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**Item no.: 793-5501/000-023**

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; green

[www.wago.com/793-5501/000-023](http://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](http://www.wago.com/793-5501/000-024)

**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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/2009-115/000-005)

Group marker carrier

**Item no.: 2009-193**

Group marker carrier; gray

[www.wago.com/2009-193](http://www.wago.com/2009-193)

**Item no.: 2009-192**

Group marker carrier; gray

[www.wago.com/2009-192](http://www.wago.com/2009-192)

**Item no.: 2009-191**

Group marker carrier; gray

[www.wago.com/2009-191](http://www.wago.com/2009-191)

Plugs

Component module with LED

**Item no.: 2002-880/1000-541**

Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray

[www.wago.com/2002-880/1000-541](http://www.wago.com/2002-880/1000-541)

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

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**Item no.: 2002-880/1000-542**

Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; multicoloured

[www.wago.com/2002-880/1000-542](http://www.wago.com/2002-880/1000-542)**Item no.: 2002-880/1000-836**

Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray

[www.wago.com/2002-880/1000-836](http://www.wago.com/2002-880/1000-836)

Component module with diode

**Item no.: 2002-880/1000-411**

Component plug; 2-pole; with diode 1N4007; 10.4 mm wide; Operating temperature 85°C max.; gray

[www.wago.com/2002-880/1000-411](http://www.wago.com/2002-880/1000-411)

Empty component plug housing

**Item no.: 2002-880**

Empty component plug housing; 10.4 mm wide; 2-pole; Type 4; gray

[www.wago.com/2002-880](http://www.wago.com/2002-880)**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](http://www.wago.com/2009-412)**Item no.: 2009-414**Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black[www.wago.com/2009-414](http://www.wago.com/2009-414)**Item no.: 2009-416**Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 250 mm long; black[www.wago.com/2009-416](http://www.wago.com/2009-416)**Item no.: 2009-414/000-005**Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black[www.wago.com/2009-414/000-005](http://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](http://www.wago.com/2009-414/000-006)**Mounting**

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

[www.wago.com/709-169](http://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](http://www.wago.com/709-156)**Insulation stop**

Insulation stop

**Item no.: 2002-171**Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray[www.wago.com/2002-171](http://www.wago.com/2002-171)

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

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Item no.: 2002-172

Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip; dark gray[www.wago.com/2002-172](http://www.wago.com/2002-172)**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](http://www.wago.com/2009-174)

Item no.: 2009-182

Testing tap; for max. 2.5 mm<sup>2</sup>; tool-free connection for individual test wires 0.08 - 2.5 mm; gray[www.wago.com/2009-182](http://www.wago.com/2009-182)

Item no.: 2002-511

Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-511](http://www.wago.com/2002-511)

Item no.: 2002-549

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

[www.wago.com/2002-549](http://www.wago.com/2002-549)

Item no.: 2002-552

Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-552](http://www.wago.com/2002-552)

Item no.: 2002-558

Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-558](http://www.wago.com/2002-558)

Item no.: 2002-559

Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-559](http://www.wago.com/2002-559)

Item no.: 2002-556

Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-556](http://www.wago.com/2002-556)

Item no.: 2002-553

Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-553](http://www.wago.com/2002-553)

Item no.: 2002-560

Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-560](http://www.wago.com/2002-560)

Item no.: 2002-554

Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-554](http://www.wago.com/2002-554)

Item no.: 2002-555

Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-555](http://www.wago.com/2002-555)

Item no.: 2002-557

Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-557](http://www.wago.com/2002-557)

Item no.: 2002-649

TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray

[www.wago.com/2002-649](http://www.wago.com/2002-649)**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](http://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](http://www.wago.com/210-720)

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

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Ferrule		
Ferrule		
<b>Item no.: 216-241</b>	Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	<a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
<b>Item no.: 216-242</b>	Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
<b>Item no.: 216-243</b>	Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
<b>Item no.: 216-244</b>	Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	<a href="http://www.wago.com/216-244">www.wago.com/216-244</a>
<b>Item no.: 216-263</b>	Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-263">www.wago.com/216-263</a>
<b>Item no.: 216-246</b>	Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	<a href="http://www.wago.com/216-246">www.wago.com/216-246</a>
<b>Item no.: 216-266</b>	Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	<a href="http://www.wago.com/216-266">www.wago.com/216-266</a>
<b>Item no.: 216-264</b>	Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	<a href="http://www.wago.com/216-264">www.wago.com/216-264</a>
<b>Item no.: 216-262</b>	Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	<a href="http://www.wago.com/216-262">www.wago.com/216-262</a>
Jumpers		
Jumper		
<b>Item no.: 210-123</b>	Wire commoning chain; insulated; blue	<a href="http://www.wago.com/210-123">www.wago.com/210-123</a>
<b>Item no.: 2006-499</b>	Step-down jumper; from 2006/2004 to 2004/2002/2001 series; from 2206/2204 to 2204/2202/2201 series; insulated; light gray	<a href="http://www.wago.com/2006-499">www.wago.com/2006-499</a>
<b>Item no.: 2002-402</b>	Jumper; 2-way; insulated; light gray	<a href="http://www.wago.com/2002-402">www.wago.com/2002-402</a>
<b>Item no.: 2002-402/000-005</b>	Jumper; 2-way; insulated; red	<a href="http://www.wago.com/2002-402/000-005">www.wago.com/2002-402/000-005</a>
<b>Item no.: 2002-400</b>	Continuous jumper; 2-way; insulated; light gray	<a href="http://www.wago.com/2002-400">www.wago.com/2002-400</a>
<b>Item no.: 2002-403</b>		

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



Jumper; 3-way; insulated; light gray

[www.wago.com/2002-403](http://www.wago.com/2002-403)

**Item no.: 2002-404/000-005**

Jumper; 4-way; insulated; red

[www.wago.com/2002-404/000-005](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/2002-405/000-006)

**Item no.: 2002-404**

Jumper; 4-way; insulated; light gray

[www.wago.com/2002-404](http://www.wago.com/2002-404)

**Item no.: 2002-406/000-006**

Jumper; 6-way; insulated; blue

[www.wago.com/2002-406/000-006](http://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](http://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](http://www.wago.com/2002-406/020-000)

**Item no.: 2002-405**

Jumper; 5-way; insulated; light gray

[www.wago.com/2002-405](http://www.wago.com/2002-405)

**Item no.: 2002-407/000-005**

Jumper; 7-way; insulated; red

[www.wago.com/2002-407/000-005](http://www.wago.com/2002-407/000-005)

**Item no.: 2002-408**

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Jumper; 8-way; insulated; light gray

[www.wago.com/2002-408](http://www.wago.com/2002-408)

**Item no.: 2002-408/000-006**  
Jumper; 8-way; insulated; blue

[www.wago.com/2002-408/000-006](http://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](http://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](http://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](http://www.wago.com/2002-408/000-005)

**Item no.: 2002-407**  
Jumper; 7-way; insulated; light gray

[www.wago.com/2002-407](http://www.wago.com/2002-407)

**Item no.: 2002-406**  
Jumper; 6-way; insulated; light gray

[www.wago.com/2002-406](http://www.wago.com/2002-406)

**Item no.: 2002-410/000-005**  
Jumper; 10-way; insulated; red

[www.wago.com/2002-410/000-005](http://www.wago.com/2002-410/000-005)

**Item no.: 2002-410/000-006**  
Jumper; 10-way; insulated; blue

[www.wago.com/2002-410/000-006](http://www.wago.com/2002-410/000-006)

**Item no.: 2002-410**  
Jumper; 10-way; insulated; light gray

[www.wago.com/2002-410](http://www.wago.com/2002-410)

**Item no.: 2002-409/000-006**  
Jumper; 9-way; insulated; blue

[www.wago.com/2002-409/000-006](http://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](http://www.wago.com/2002-409/000-005)

**Item no.: 2002-409**  
Jumper; 9-way; insulated; light gray

[www.wago.com/2002-409](http://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](http://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](http://www.wago.com/2002-423)

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

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<b>Item no.: 2002-433</b> Jumper; from 1 to 3; insulated; light gray	<a href="http://www.wago.com/2002-433">www.wago.com/2002-433</a>
<b>Item no.: 2002-434</b> Jumper; from 1 to 4; insulated; light gray	<a href="http://www.wago.com/2002-434">www.wago.com/2002-434</a>
<b>Item no.: 2002-423/000-005</b> Continuous jumper; from 1 to 3; insulated; red	<a href="http://www.wago.com/2002-423/000-005">www.wago.com/2002-423/000-005</a>
<b>Item no.: 2002-435</b> Jumper; from 1 to 5; insulated; light gray	<a href="http://www.wago.com/2002-435">www.wago.com/2002-435</a>
<b>Item no.: 2002-436</b> Jumper; from 1 to 6; insulated; light gray	<a href="http://www.wago.com/2002-436">www.wago.com/2002-436</a>
<b>Item no.: 2002-437</b> Jumper; from 1 to 7; insulated; light gray	<a href="http://www.wago.com/2002-437">www.wago.com/2002-437</a>
<b>Item no.: 2002-438</b> Jumper; from 1 to 8; insulated; light gray	<a href="http://www.wago.com/2002-438">www.wago.com/2002-438</a>
<b>Item no.: 2002-439</b> Jumper; from 1 to 9; insulated; light gray	<a href="http://www.wago.com/2002-439">www.wago.com/2002-439</a>
<b>Item no.: 2002-440</b> Jumper; from 1 to 10; insulated; light gray	<a href="http://www.wago.com/2002-440">www.wago.com/2002-440</a>
<b>Item no.: 2002-472</b> Staggered jumper; 2-way; insulated; light gray	<a href="http://www.wago.com/2002-472">www.wago.com/2002-472</a>
<b>Item no.: 2002-473</b> Staggered jumper; 3-way; insulated; light gray	<a href="http://www.wago.com/2002-473">www.wago.com/2002-473</a>
<b>Item no.: 2002-475/011-000</b> Staggered jumper; 3-way; insulated; light gray	<a href="http://www.wago.com/2002-475/011-000">www.wago.com/2002-475/011-000</a>
<b>Item no.: 2002-475</b> Staggered jumper; 5-way; insulated; light gray	<a href="http://www.wago.com/2002-475">www.wago.com/2002-475</a>
<b>Item no.: 2002-476</b> Staggered jumper; 6-way; insulated; light gray	<a href="http://www.wago.com/2002-476">www.wago.com/2002-476</a>
<b>Item no.: 2002-474</b> Staggered jumper; 4-way; insulated; light gray	<a href="http://www.wago.com/2002-474">www.wago.com/2002-474</a>
<b>Item no.: 2002-477</b> Staggered jumper; 7-way; insulated; light gray	<a href="http://www.wago.com/2002-477">www.wago.com/2002-477</a>
<b>Item no.: 2002-473/011-000</b> Staggered jumper; 2-way; from 1 to 3; insulated; light gray	<a href="http://www.wago.com/2002-473/011-000">www.wago.com/2002-473/011-000</a>

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<b>Item no.: 2002-479</b> Staggered jumper; 9-way; insulated; light gray	<a href="http://www.wago.com/2002-479">www.wago.com/2002-479</a>
<b>Item no.: 2002-478</b> Staggered jumper; 8-way; insulated; light gray	<a href="http://www.wago.com/2002-478">www.wago.com/2002-478</a>
<b>Item no.: 2002-479/011-000</b> Staggered jumper; insulated; light gray	<a href="http://www.wago.com/2002-479/011-000">www.wago.com/2002-479/011-000</a>
<b>Item no.: 2002-480</b> Staggered jumper; 10-way; insulated; light gray	<a href="http://www.wago.com/2002-480">www.wago.com/2002-480</a>
<b>Item no.: 2002-477/011-000</b> Staggered jumper; insulated; light gray	<a href="http://www.wago.com/2002-477/011-000">www.wago.com/2002-477/011-000</a>
<b>Item no.: 2002-481/011-000</b> Staggered jumper; insulated; light gray	<a href="http://www.wago.com/2002-481/011-000">www.wago.com/2002-481/011-000</a>
<b>Item no.: 2002-481</b> Staggered jumper; 11-way; insulated; light gray	<a href="http://www.wago.com/2002-481">www.wago.com/2002-481</a>
<b>Item no.: 2002-482</b> Staggered jumper; 12-way; insulated; light gray	<a href="http://www.wago.com/2002-482">www.wago.com/2002-482</a>
<b>Item no.: 2016-499</b> Step-down jumper; from 2016/2010 to 2010/2006/2004/2002 series; from 2216/2210 to 2210/2206 /2204/2202 series; insulated; light gray	<a href="http://www.wago.com/2016-499">www.wago.com/2016-499</a>
<b>Item no.: 210-103</b> Wire commoning chain; insulated; black	<a href="http://www.wago.com/210-103">www.wago.com/210-103</a>
<b>Item no.: 2002-424/000-006</b> Continuous jumper; from 1 to 4; insulated; blue	<a href="http://www.wago.com/2002-424/000-006">www.wago.com/2002-424/000-006</a>

## Downloads

### Documentation

#### Additional Information

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## CAD/CAE-Data

### CAD data

2D/3D Models 2202-1203  
URL  
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#### CAE data

ZUKEN Portal 2202-1203	URL	Download
EPLAN Data Portal 2202-1203	URL	Download

### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 2202-1203	URL	Download
2-conductor through terminal block; with push-button; 2.5 mm <sup>2</sup> ; with test port; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm <sup>2</sup> ; red		

### Installation Notes

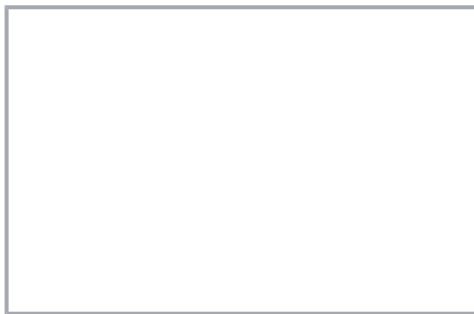
#### Conductor termination



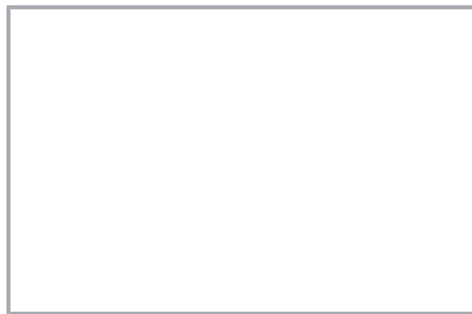
All conductor types at a glance



Push-in termination of solid and ferruled conductors



Insert fine-stranded conductors via operating tool.



Removing all conductors via operating tool.

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### Commoning



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

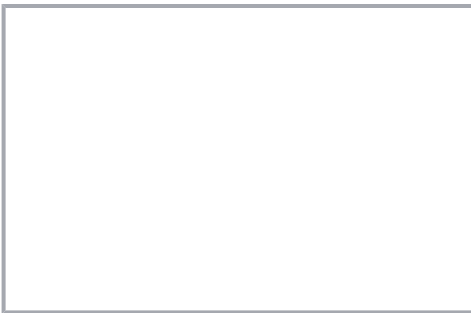


Commoning with step-down jumpers.



**Step-down jumper (2006-499)** commons 6 /4 mm<sup>2</sup> (10/12 AWG) terminal blocks (2206 /2204 Series) with 4/2.5/1.5 mm<sup>2</sup> (AWG 12/14 /16) terminal blocks (2204/2202/2201 Series).

### Testing



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

### Marking

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



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.

[Show all products from the family](#)

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