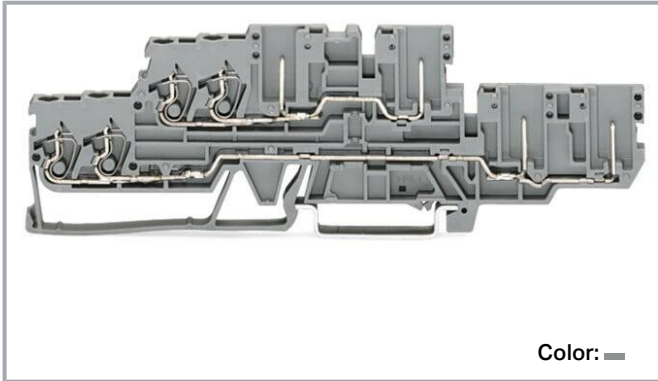


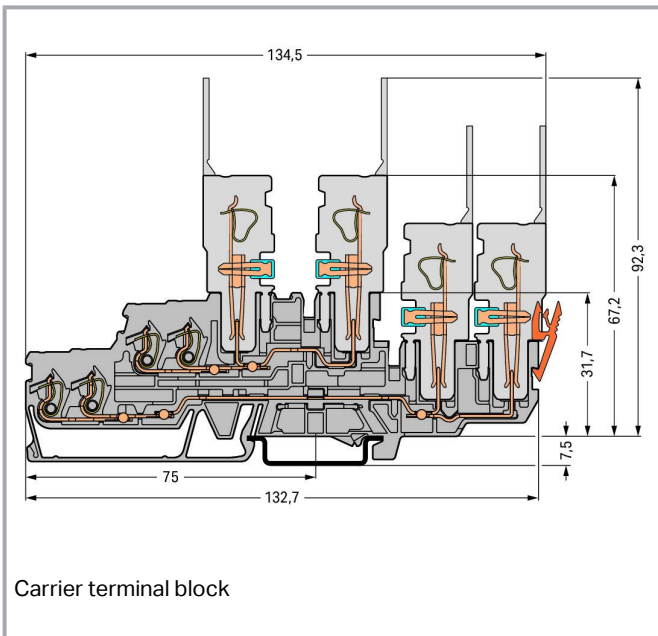
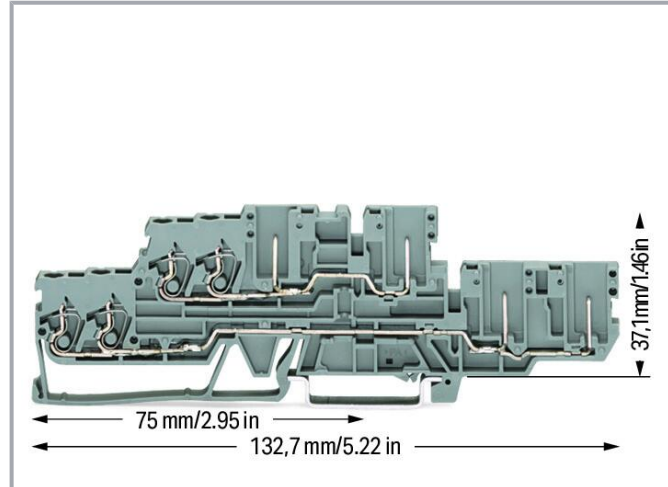
Data sheet | Item number: 870-131

2-conductor/2-pin, double-deck carrier terminal block; Through/through terminal block; 2.5 mm²; L/L; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

www.wago.com/870-131



Color: 



Data

Notes

Safety information

Max. insulation diameter: 4.4 mm

Safety information 2

2-conductor female plugs cannot be used.

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

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Electrical data

Ratings per IEC/EN

Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	16 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

Power loss

Power loss, per pole (potential)	0.341 W
Rated current I_N for specified power loss	16 A
Resistance value for specified, current-dependent power loss	0.001 Ω

Connection data

Connection points	4
Total number of potentials	2
Number of levels	2

Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.08 ... 1.5 mm ² / 28 ... 14 AWG
Strip length	6 ... 7 mm / 0.24 ... 0.28 inches
Wiring direction	Front-entry wiring

Physical data

Width	5 mm / 0.197 inches
Height	132.7 mm / 5.224 inches
Depth from upper-edge of DIN-rail	37.1 mm / 1.461 inches

Mechanical Data

Potential marking	L/L
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Subject to changes. Please also observe the further product documentation!



Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Side marking

Material Data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.343 MJ
Weight	19 g

Environmental requirements

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

Commercial data

Product Group	16 (Rail Mounted Terminal Blocks with CCC)
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)	40 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454600211
Customs tariff number	85366990990

Environmental Product Compliance




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

Approvals / Certificates



General approvals

Certificate


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

Logo	Approval	Additional Approval Text	name
	CCA DEKRA Certification B.V.	EN 60947	2189801.01
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7468
	cURus UL International Germany GmbH	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	-	20- HG1941090- PDA

Counterpart

	Item no.769-101 1-conductor female connector; CAGE CLAMP®; 4 mm ² ; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm ² ; gray	www.wago.com/769-101
-----------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------

Required accessories

End plate

End plate













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

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	Item no.: 870-149 End and intermediate plate; 1 mm thick; orange	www.wago.com/870-149
	Item no.: 870-148 End and intermediate plate; 1 mm thick; gray	www.wago.com/870-148


Optional accessories

Ferrule		
Ferrule		
	Item no.: 216-123 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-123
	Item no.: 216-122 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-122
	Item no.: 216-124 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	www.wago.com/216-124
	Item no.: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated	www.wago.com/216-132
	Item no.: 216-121 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-121
	Item no.: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-131
	Item no.: 216-223 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-223
	Item no.: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-222
	Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-221
	Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-224
	Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-321
	Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; light turquoise	www.wago.com/216-322

Testing and measuring

Testing accessories		
	Item no.: 870-425 Tap-off module; with anti-rotation protection; modular; suitable for 870 Series terminal blocks with jumper slots in the current bar; gray	www.wago.com/870-425
	Item no.: 870-426	


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


 Tap-off module; modular; suitable for 870 Series terminal blocks with jumper slots in the current bar; gray www.wago.com/870-426

 **Item no.: 870-427**
Spacer module; modular; bridging commoned terminal blocks; gray www.wago.com/870-427

Mounting


Mounting accessories


 **Item no.: 209-106**
Mounting carrier; for isolated mounting on DIN 35 rails; gray www.wago.com/209-106


 **Item no.: 249-116**
Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray www.wago.com/249-116


Carrier rail

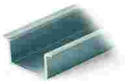
Mounting accessories


 **Item no.: 210-197**
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored www.wago.com/210-197


 **Item no.: 210-198**
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored www.wago.com/210-198

 **Item no.: 210-504**
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored www.wago.com/210-504


 **Item no.: 210-505**
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored www.wago.com/210-505

 **Item no.: 210-506**
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored www.wago.com/210-506

 **Item no.: 210-508**
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored www.wago.com/210-508

 **Item no.: 210-113**
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored www.wago.com/210-113

 **Item no.: 210-118**
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored www.wago.com/210-118

 **Item no.: 210-112**
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

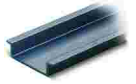
 **Item no.: 210-114**
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored www.wago.com/210-114

Item no.: 210-115

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



Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; www.wago.com/210-115
silver-colored



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

Jumpers

Jumper



Item no.: 870-402
Jumper; 2-way; insulated; light gray www.wago.com/870-402



Item no.: 870-404 www.wago.com/870-404



Item no.: 870-405
Jumper; 5-way; insulated; light gray www.wago.com/870-405



Item no.: 870-407
Jumper; 7-way; insulated; light gray www.wago.com/870-407



Item no.: 870-408
Jumper; 8-way; insulated; light gray www.wago.com/870-408



Item no.: 870-403
Jumper; 3-way; insulated; light gray www.wago.com/870-403



Item no.: 870-409
Jumper; 9-way; insulated; light gray www.wago.com/870-409



Item no.: 870-406
Jumper; 6-way; insulated; light gray www.wago.com/870-406



Item no.: 870-433
Jumper; from 1 to 3; insulated; light gray www.wago.com/870-433



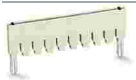
Item no.: 870-435
Jumper; from 1 to 5; insulated; light gray www.wago.com/870-435



Item no.: 870-410
Jumper; 10-way; insulated; light gray www.wago.com/870-410



Item no.: 870-434
Jumper; from 1 to 4; insulated; light gray www.wago.com/870-434



Item no.: 870-440
Jumper; from 1 to 10; insulated; light gray www.wago.com/870-440

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



Item no.: 870-406/020-000
Delta jumper; insulated; light gray

www.wago.com/870-406/020-000

Tool

Operating tool



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

www.wago.com/210-720

Insulation stop

Insulation stop



Item no.: 280-472
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; black

www.wago.com/280-472



Item no.: 280-470
Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white

www.wago.com/280-470



Item no.: 280-471
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

www.wago.com/280-471

Marking accessories

Marker carrier



Item no.: 2009-198
Adaptor; gray

www.wago.com/2009-198

Marker



Item no.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-145



Item no.: 2009-115
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
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/248-501



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

www.wago.com/793-501



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

Group marker carrier



Item no.: 870-183
Adaptor; gray

www.wago.com/870-183



Item no.: 870-182

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

Adaptor; gray

www.wago.com/870-182



Item no.: 870-184
Adaptor; gray

www.wago.com/870-184

Protective warning marker

Cover



Item no.: 280-405
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

www.wago.com/280-405

Cover

Cover



Item no.: 769-438
Pin cover; with marker slot for miniature WSB; gray

www.wago.com/769-438



Item no.: 769-439
Pin cover; with marker slot for miniature WSB; orange

www.wago.com/769-439

Coding

Coding



Item no.: 769-435
Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange

www.wago.com/769-435

Downloads

Documentation

Bid Text

870-131 X81 - Datei	2019 Feb 19	xml 3.6 kB	Download
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870-131 doc - Datei	2017 Oct 4	doc 25.6 kB	Download
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Additional Information

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

CAD data

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2D/3D Models 870-131

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Environmental Product Compliance

Compliance Search

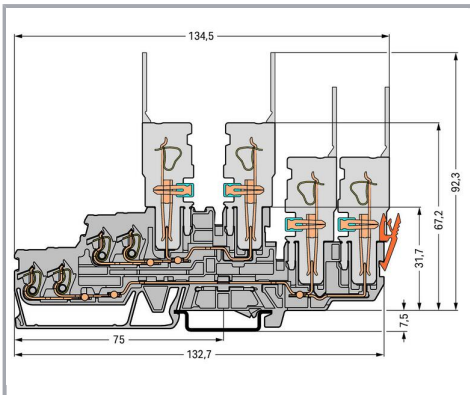
Environmental Product Compliance 870-131

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2-conductor/2-pin, double-deck carrier terminal block; Through/through terminal block; 2.5 mm²; L/L; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Installation Notes



Carrier terminal block

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

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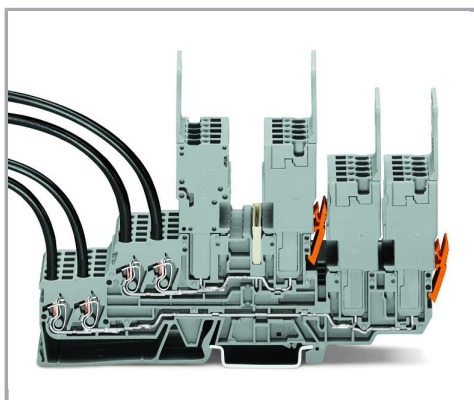
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1-connector female plug, straight

Double-deck carrier terminal blocks can be commoned via 870 Series Push-In Type Jumper Bars.

Notice: Female plugs must be arranged in the opposite direction on the upper deck.

2-conductor female plugs and angled 1-conductor female plugs cannot be used.

Product family

X-COM

[Show all products from the family](#)

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