

Data sheet | Item number: 769-151

4-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; gray

www.wago.com/769-151



Color:

Data

Notes

Safety information

1-conductor angled female plugs cannot be used.

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

WAGO GmbH & Co. KG

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Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

Power Loss

Rated current I_N for specified power loss	32 A
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Connection data

Total number of potentials	1
Number of levels	1

Connection 1

Wiring direction	Front-entry wiring
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Physical data

Width	5 mm / 0.197 inches
Height	87.5 mm / 3.445 inches
Depth from upper-edge of DIN-rail	28.5 mm / 1.122 inches

Mechanical Data

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

Material Data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I

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



Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.161 MJ
Weight	8.6 g

Environmental requirements

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

Commercial data

Product Group	18 (X-COM-System)
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)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918542456
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CSA CSA Group	C22.2	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01
	UL Underwriters Laboratories Inc.	UL 1977	E 45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

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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	EN 60947	20- HG1941090- PDA
	BV Bureau Veritas S.A.	EN 60947	07436/F0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

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
Item no.769-121 2-conductor female connector; CAGE CLAMP®; 4 mm ² ; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm ² ; gray	www.wago.com/769-121

Required accessories

End plate

End plate	
Item no.: 769-301 End and intermediate plate; 1.1 mm thick; gray	www.wago.com/769-301
Item no.: 769-302 End and intermediate plate; 1.1 mm thick; orange	www.wago.com/769-302

Optional accessories

Jumpers

Jumper	
Item no.: 280-402	www.wago.com/280-402

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



Jumper; insulated; gray

Item no.: 280-409

Jumper; insulated; gray

www.wago.com/280-409

Item no.: 780-454

Staggered jumper; from 1 to 4; insulated; gray

www.wago.com/780-454

Item no.: 780-452

Staggered jumper; from 1 to 2; insulated; gray

www.wago.com/780-452

Item no.: 780-453

Staggered jumper; from 1 to 3; insulated; gray

www.wago.com/780-453

Item no.: 780-457

Staggered jumper; from 1 to 7; insulated; gray

www.wago.com/780-457

Item no.: 780-456

Staggered jumper; from 1 to 6; insulated; gray

www.wago.com/780-456

Item no.: 780-455

Staggered jumper; from 1 to 5; insulated; gray

www.wago.com/780-455

Item no.: 780-458

Staggered jumper; from 1 to 8; insulated; gray

www.wago.com/780-458

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

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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
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

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

Marking accessories

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.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white www.wago.com/248-501

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

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

Testing and measuring

Testing accessories

Item no.: 280-418
Test plug module; modular; suitable for all WAGO 280 and 780 Series rail-mounted terminal blocks with www.wago.com/280-418

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



jumper slots in the current bar; gray

Item no.: 280-404

Test plug adapter; 5 mm wide; for test plug (2.3 mm Ø); suitable for 1.5 mm² - 4 mm² tbs; gray

www.wago.com/280-404

Item no.: 280-419

Spacer module; modular; bridging commoned terminal blocks; gray

www.wago.com/280-419

Push-in type wire jumper

Jumper

Item no.: 249-123

Push-in type wire jumper; 0.75 mm²; insulated; 180 mm long; black

www.wago.com/249-123

Item no.: 249-126

Push-in type wire jumper; 0.75 mm²; insulated; 110 mm long; black

www.wago.com/249-126

Item no.: 249-127

Push-in type wire jumper; 0.75 mm²; insulated; 250 mm long; black

www.wago.com/249-127

Item no.: 249-125

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

www.wago.com/249-125

Downloads**Documentation****Bid Text**

769-151 X81 - Datei	2019 年2月19日	xml 3.0 kB	Download
769-151 doc - Datei	2017 年10月2日	doc 24.6 kB	Download

Additional Information

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CAD/CAE-Data**CAE data**

WSCAD Universe 769-151	URL	Download
ZUKEN Portal 769-151	URL	Download
EPLAN Data Portal 769-151	URL	Download

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CAD data

2D/3D Models 769-151

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-151

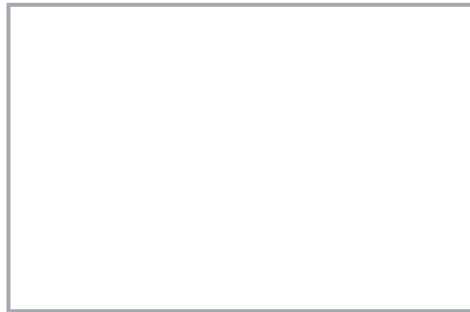
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4-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; gray

Installation Notes

Installation



Snap individual carrier terminal blocks onto the DIN-rail and slide together.

Open the assembly by laterally sliding a block via operating tool and remove terminal block via release lever.

Commoning

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

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Commoning with adjacent or staggered jumpers.

Push jumpers down until fully inserted.



Commoning carrier terminal blocks via staggered jumpers.



Commoning a 2-conductor female plug via staggered jumper and carrier terminal blocks via adjacent jumpers.



Commoning carrier terminal blocks via push-in type wire jumpers or adjacent jumpers – even over an intermediate plate.



Commoning "supply terminal blocks" (up to 10 mm²/8 AWG) with carrier terminal blocks via step-down jumpers.

Coding

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



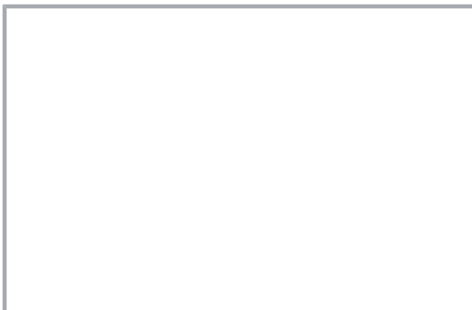
Snap coding pin in proper direction on carrier terminal block.

Shown: Coding pin removal from carrier terminal block.

Locking system



Securing a female plug via locking lever on the terminal block side.



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



4 x 1-conductor female plugs

Carrier terminal blocks can be commoned via 280 and 780 Series Jumpers and tested using a test plug adapter (280-4..).



2 x 2-conductor female plugs

Carrier terminal blocks can be commoned via 280 and 780 Series Jumpers and tested using a test plug adapter (280-4..).



2 x 1-conductor female plug (left), 1 x 2-conductor female plug (right), may be reversed – carrier terminal blocks can be commoned via 280 and 780 Series Jumpers and tested using a test plug adapter (280-4..).



1-conductor and 2-conductor female plugs (left), 2-conductor female plug (right), may be reversed – carrier terminal blocks can only be commoned via 280 Series Adjacent and Alternate Jumpers.

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



4-pin carrier terminal block

2-conductor female plug

1-connector female plug, straight

Product family

X-COM

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