

Data sheet | Item number: 769-227

2-pin ground carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; green-yellow



www.wago.com/769-227

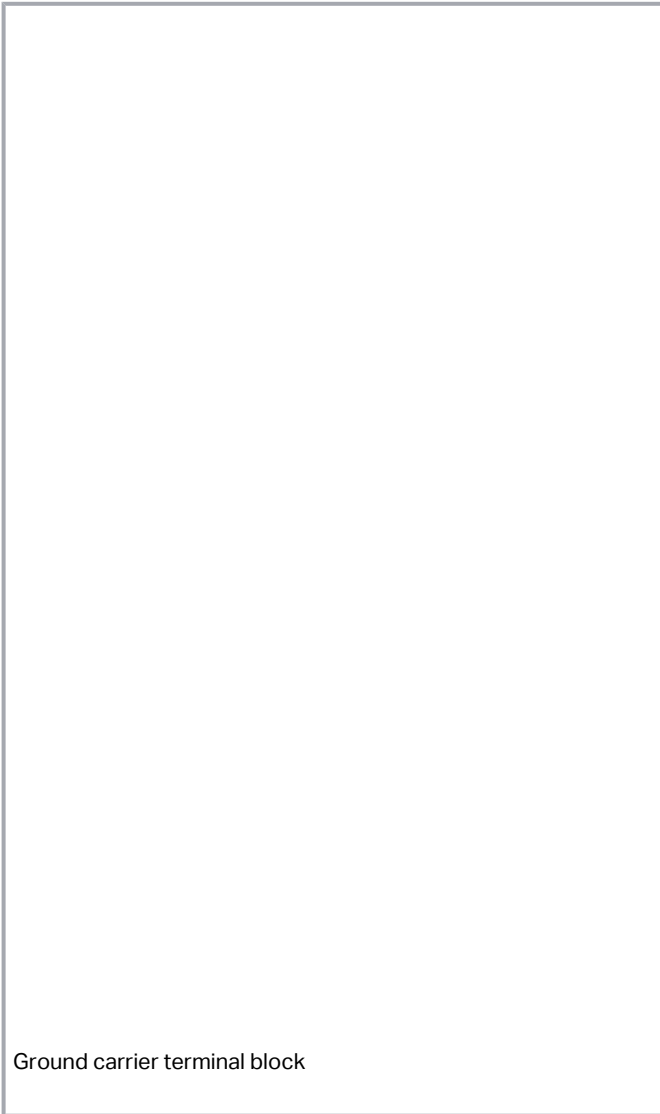


Color:

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 60947-7-2
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Legend (ratings)	
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Connection data

Total number of potentials	1
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Number of levels	1
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Connection 1

Wiring direction	Front-entry wiring
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Physical data

Width	5 mm / 0.197 inches
Height	52.5 mm / 2.067 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
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Color	green-yellow
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.099 MJ
Weight	6.1 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	27-14-11-41
eCl@ss 9.0	27-14-11-41
ETIM 8.0	EC000901
ETIM 7.0	EC000901

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PU (SPU)	100 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918827829
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

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
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

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Counterpart

Item no.769-101/000-016 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; green-yellow	www.wago.com/769-101/000-016
Item no.769-101/022-016 1-conductor female connector, angled; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; green-yellow	www.wago.com/769-101/022-016
Item no.769-121/000-016 2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; green-yellow	www.wago.com/769-121/000-016

Required accessories

End plate

End plate

Item no.: 769-305 End and intermediate plate; 1.1 mm thick; gray	www.wago.com/769-305
Item no.: 769-306 End and intermediate plate; 1.1 mm thick; orange	www.wago.com/769-306

Optional accessories

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
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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

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	

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

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

www.wago.com/249-125**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**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**

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

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**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.: 280-402

Jumper; insulated; gray

www.wago.com/280-402**Item no.: 280-409**

Jumper; insulated; gray

www.wago.com/280-409**Item no.: 280-422**

Jumper; insulated; yellow-green

www.wago.com/280-422**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**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 jumper slots in the current bar; gray

www.wago.com/280-418**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; graywww.wago.com/280-404**Item no.: 280-419**

Spacer module; modular; bridging commoned terminal blocks; gray

www.wago.com/280-419**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**

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Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/248-501**Downloads****Documentation****Bid Text**

769-227 X81 - Datei	2019 年2月19 日	xml 2.9 kB	Download
769-227 doc - Datei	2017 年10月2 日	doc 24.1 kB	Download

Additional Information

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Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 769-227

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Installation Notes**Installation**

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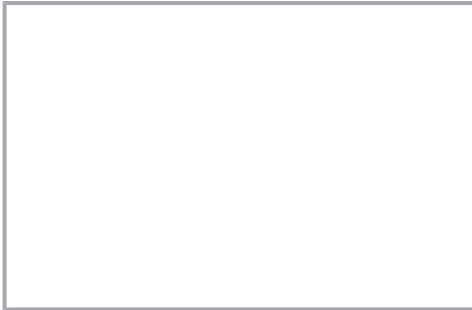


Snap individual carrier terminal blocks onto the DIN-rail and slide together.



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

Commoning



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.

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



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

Coding



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.

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Ground carrier terminal block

Product family

X-COM

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