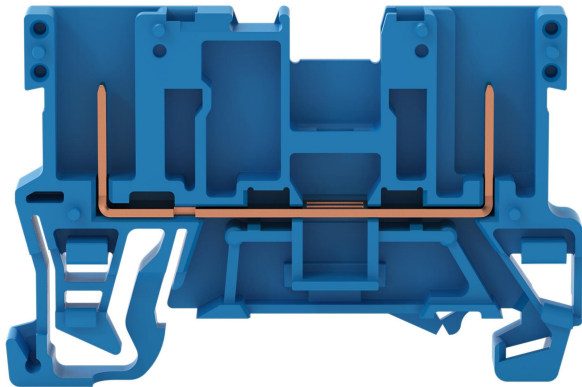


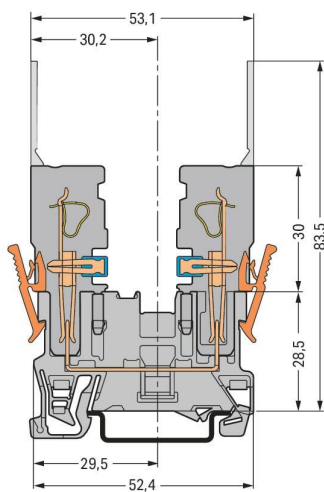
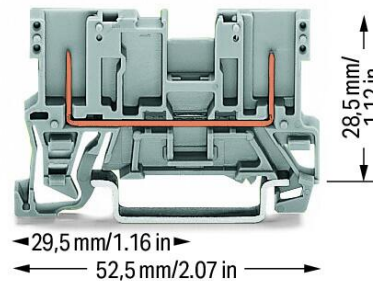
Data sheet | Item number: 769-156

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

www.wago.com/769-156



Color: 



Carrier terminal block

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

**Data****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) ≙ Overvoltage category III / Pollution degree 3

Power Loss

Rated current I_N for specified power loss	32 A
--	------

Connection data

Total number of potentials	1
Number of levels	1

Connection 1

Wiring direction	Front-entry wiring
------------------	--------------------

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
----------------------	--

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



Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.099 MJ
Weight	4.5 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)	100 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918391672
Customs tariff number	85366990990

Environmental Product Compliance

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

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

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



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

Counterpart

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

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

	1-conductor female connector, angled; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; gray	101/022-000
	Item no.769-121 2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; gray	www.wago.com/769-121
	Item no.769-102/142-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-102/142-000
	Item no.769-104/143-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 4-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-104/143-000
	Item no.769-101/141-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-101/141-000
	Item no.769-103/142-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 3-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-103/142-000
	Item no.769-105/143-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 5-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-105/143-000
	Item no.769-106/144-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 6-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-106/144-000
	Item no.769-107/144-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 7-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-107/144-000
	Item no.769-108/144-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 8-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-108/144-000
	Item no.769-109/144-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 9-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-109/144-000
	Item no.769-111/145-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 11-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-111/145-000

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

**Item no. 769-110/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 10-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-110/145-000

**Item no. 769-112/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 12-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-112/145-000

**Item no. 769-113/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 13-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-113/145-000

**Item no. 769-114/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 14-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-114/145-000

**Item no. 769-115/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 15-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-115/145-000

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

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

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

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

**Item no.: 249-125**

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

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

Cover

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

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

**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**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**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**

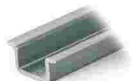
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

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

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

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

**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; 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

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

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

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

Item no.	Date	File type	Size	Action
769-156	2019 Feb 19	xml	3.0 kB	Download

X81 - Datei

769-156	2017 Oct 2	doc	24.6 kB	Download
---------	------------	-----	---------	--------------------------

doc - Datei

Additional Information

pdf	2.3 MB	Download
-----	--------	--------------------------

CAD/CAE-Data**CAD data**

2D/3D Models 769-156	URL	Download
----------------------	-----	--------------------------

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



CAE data

EPLAN Data Portal 769-156	URL	Download
ZUKEN Portal 769-156	URL	Download
WSCAD Universe 769-156	URL	Download
Asset Administration Shell		
Asset Administration Shell 769-156	URL	Download

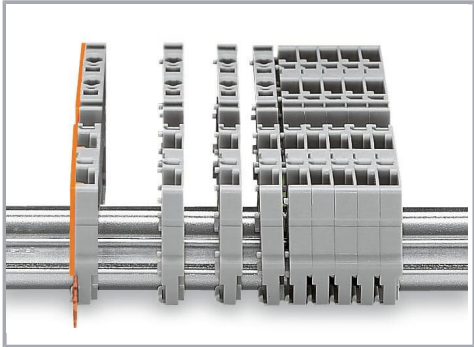
Environmental Product Compliance

Compliance Search

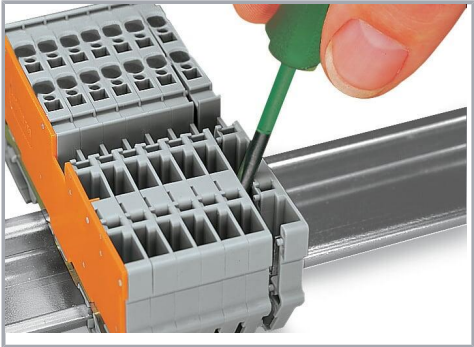
Environmental Product Compliance 769-156	URL	Download
2-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; gray		

Installation Notes

Installation



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



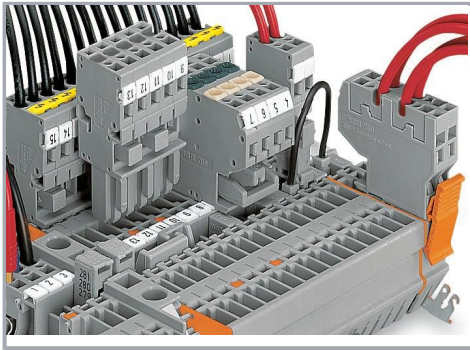
Open the assembly by laterally sliding a block via operating tool and remove terminal block via release lever.

Commoning

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

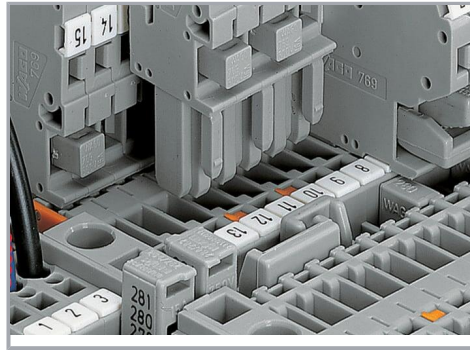
WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

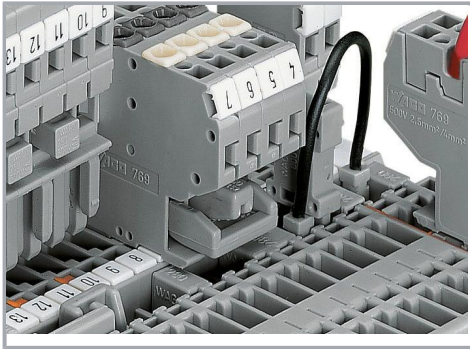


Commoning with adjacent or staggered jumpers.

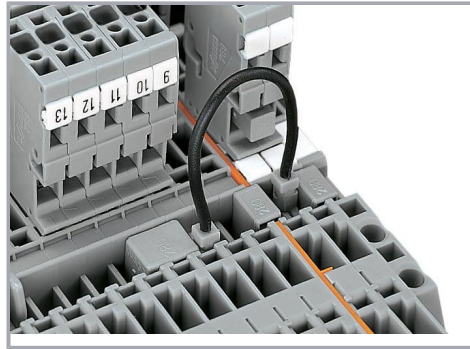
Push jumpers down until fully inserted.



Commoning carrier terminal blocks via staggered jumpers.



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

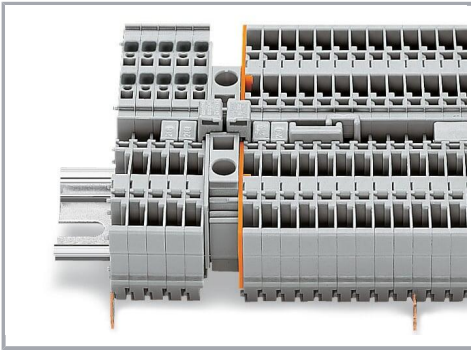


Commoning carrier terminal blocks via push-in type wire jumpers or adjacent jumpers – even over an intermediate plate.

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

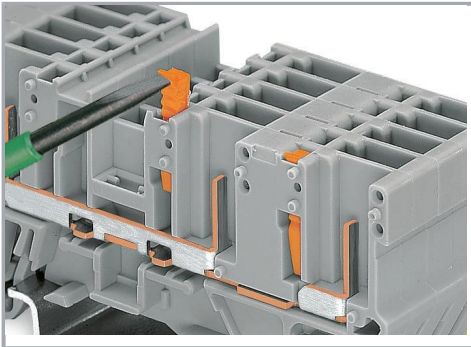
WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



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

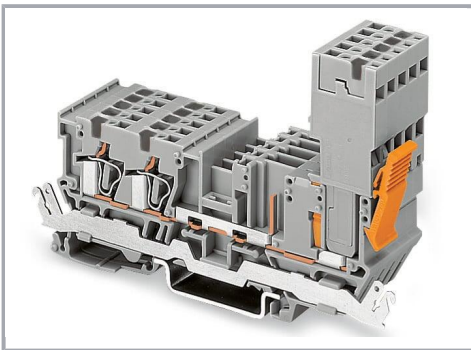
Coding



Snap coding pin in proper direction on carrier terminal block.

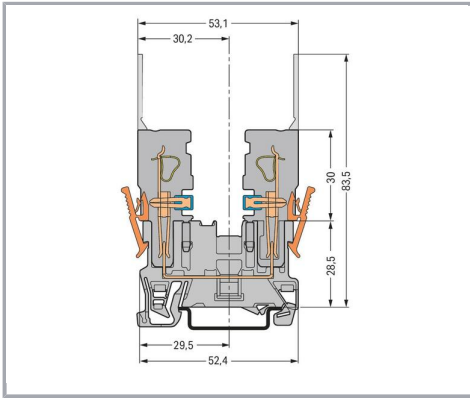
Shown: Coding pin removal from carrier terminal block.

Locking system

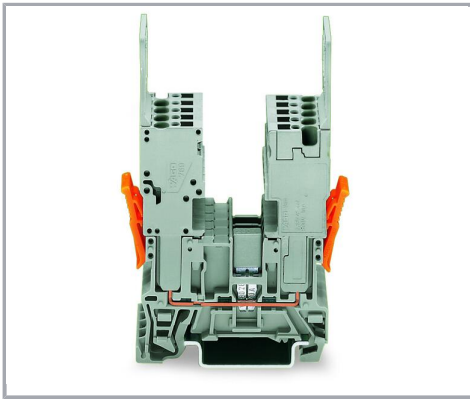


Securing a female plug via locking lever on the terminal block side.

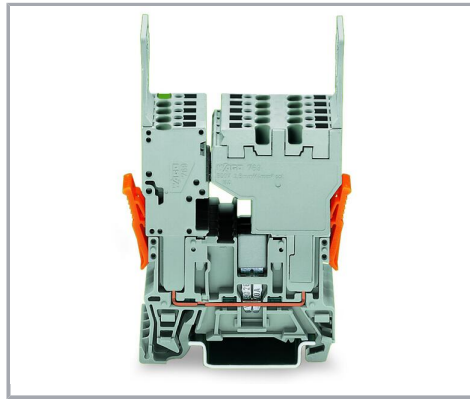
Subject to changes. Please also observe the further product documentation!



Carrier terminal block

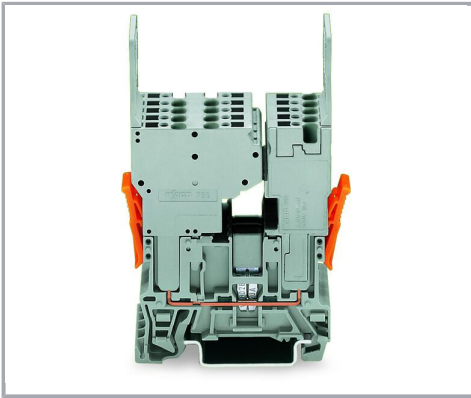


1-conductor female plugs
Carrier terminal blocks can be commoned via 280 and 780 Series Jumpers and tested using a test plug adapter (280-4..).



1-conductor female plug and 2-conductor female plug
Carrier terminal blocks can only be commoned via 280 Series Adjacent and Alternate Jumpers.

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



2-conductor female plug and 1-conductor female plug
Carrier terminal blocks can be commoned via 280 and 780 Series Jumpers.

Product family

X-COM

[Show all products from the family](#)

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.