Data Sheet | Item Number: 769-101
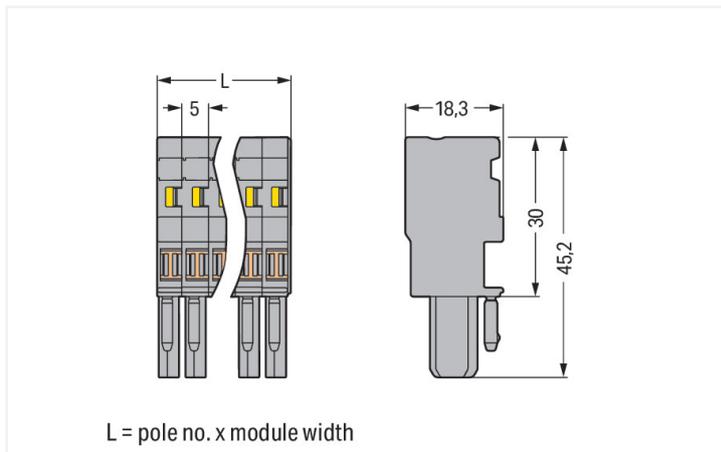
1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; gray

https://www.wago.com/769-101

Color: ■ gray

Dimensions in mm

L = pole no. x module width

Female connector, 769 Series, operating tool

Enjoy fault-free electrical installations with this female connector (item number 769-101). Strip lengths must be between 8 and 9 mm when connecting conductors to this female connector. Pluggable rail-mount terminal blocks are primarily found in switchgear units and control systems, most notably in railroad technology. These innovative systems combine the properties of rail-mount terminal blocks and connectors for a flexible and reliable wiring system. You also have the option of pre-assembling installations, which not only makes production but also installation, operation, and maintenance more efficient and cost-effective. Featuring conductor terminals along with CAGE CLAMP®, this connector delivers reliable performance. Our CAGE CLAMP® connection offers a proven and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. The item's dimensions are (5 x 45.2 x 18.3) mm (width x height x depth). Depending on the conductor type, this female connector is ideal for conductor cross sections ranging from 0.08 mm² to 4 mm².

This female connector/socket is operated with an operating tool.

Notes

Safety Information	According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load.

Electrical data

Ratings per	IEC/EN 61984		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	500 V	-	-
Rated impulse withstand voltage	6 kV	-	-
Rated current	32 A	-	-

General information	
Wiring direction	Front-entry wiring

Connection Data

Clamping units	1
Total number of potentials	1

Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	4 mm² / 12 AWG
Solid conductor	0.08 … 4 mm² / 28 … 12 AWG
Fine-stranded conductor	0.08 … 4 mm² / 28 … 12 AWG
Strip length	8 … 9 mm / 0.31 … 0.35 inches
Pole number	1
Wiring direction	Front-entry wiring

Physical data

Width	5 mm / 0.197 inches
Height	45.2 mm / 1.78 inches
Depth	18.3 mm / 0.72 inches
Module width	5 mm / 0.197 inches

Mechanical data

Variable coding	Yes
Direct ground contact to DIN-rail/drilled hole/housing	No
Marking level	Side marking
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	No
Plugging without loss of pin spacing	Yes

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.052 MJ
Halogen-free	Yes
Weight	3.2 g

Environmental requirements

Processing temperature	-35 … +85 ℃
Continuous operating temperature	-60 … +105 ℃

Environmental Testing

Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04
Spectrum/Mounting location	Service life test, Category 1, Class A/B

Environmental Testing

Functional test with noise-like oscillations	Test passed according to Section 8 of the standard
Frequency	f_1 = 5 Hz to f_2 = 150 Hz
Acceleration	0.101g (highest test level used for all axes)
Test duration per axis	10 min.
Test directions	X, Y and Z axes
Monitoring of contact faults and interruptions	Passed
Voltage drop measurement before and after each axis	Passed
Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard
Frequency	f_1 = 5 Hz to f_2 = 150 Hz
Acceleration	0.572g (highest test level used for all axes)
Test duration per axis	5 h
Test directions	X, Y and Z axes
Extended testing: Monitoring of contact faults and interruptions	Passed
Extended testing: Voltage drop measurement before and after each axis	Passed
Shock test	Test passed according to Section 10 of the standard
Shock pulse form	Half sine
Acceleration	5g (highest test level used for all axes)
Shock duration	30 ms
Number of shocks (per axis)	3 pos. und 3 neg.
Test directions	X, Y and Z axes
Extended testing: Monitoring of contact faults and interruptions	Passed
Extended testing: Voltage drop measurement before and after each axis	Passed
Vibration and shock stress for rolling stock equipment	Passed

Commercial data

Product Group	18 (X-COM-System)
PU (SPU)	200 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918471268
Customs tariff number	85366990990

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
CCA DEKRA Certification B.V.	EN 61984	2190419.02
CCA DEKRA Certification B.V.	IEC 61984	NL-47799/A1
CSA CSA Group	C22.2	1101144
KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01
UL Underwriters Laboratories Inc.	UL 1059	E45172
UL Underwriters Laboratories Inc.	UL 1977	E 45171

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
Railway WAGO GmbH & Co. KG	-	Z00004428.000

Approvals for marine applications

Approval	Standard	Certificate Name
ABS American Bureau of Shipping	EN 60947	24-0152298-PDA
BV Bureau Veritas S.A.	EN 60947	07436/G0 BV
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
PRS Polski Rejestr Statków	-	TE/1094/880590/23

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-101	↓

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Documentation

Bid Text

769-101	19.02.2019	xml 3.22 KB	↓
769-101	27.11.2018	docx 14.34 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 769-101	↓

CAE data

EPLAN Data Portal 769-101	↓
WSCAD Universe 769-101	↓
ZUKEN Portal 769-101	↓

1 Compatible Products

1.1 System counterpart

1.1.1 Carrier terminal block for fuses and electronic modules

Item No.: 769-181
1-conductor/1-pin carrier terminal block; with 2 jumper positions; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-185/769-314
1-conductor/1-pin terminal block for pluggable modules; 10-pole; with 2 jumper positions; with orange separator plate; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-182/769-314
1-conductor/1-pin terminal block for pluggable modules; 4-pole; with 2 jumper positions; with orange separator plate; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-183/769-314
1-conductor/1-pin terminal block for pluggable modules; 6-pole; with 2 jumper positions; with orange separator plate; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-184/769-314
1-conductor/1-pin terminal block for pluggable modules; 8-pole; with 2 jumper positions; with orange separator plate; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-161
2-pin carrier terminal block; with 2 jumper positions; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.1.2 Component terminal block with diode

Item No.: 769-218/281-410
1-conductor/1-pin component carrier terminal block; with 2 jumper positions; with diode 1N4007; anode, left side; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; gray

Item No.: 769-218/281-411
1-conductor/1-pin component carrier terminal block; with 2 jumper positions; with diode 1N4007; anode, right side; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; gray

Item No.: 769-238/281-410
1-conductor/1-pin component carrier terminal block; with diode 1N4007; anode, left side; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; gray

Item No.: 769-238/281-411
1-conductor/1-pin component carrier terminal block; with diode 1N4007; anode, right side; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; gray

Item No.: 769-208/281-410
2-pin component carrier block; with 2 jumper positions; with diode 1N4007; anode, left side; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; gray

Item No.: 769-208/281-411
2-pin component carrier block; with 2 jumper positions; with diode 1N4007; anode, right side; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; gray

Item No.: 769-228/281-410
2-pin component carrier block; with diode 1N4007; anode, left side; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; gray

Item No.: 769-228/281-411
2-pin component carrier block; with diode 1N4007; anode, right side; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; gray

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1.1.3 Component terminal block with LED

Item No.: 769-239/281-413
1-conductor/1-pin component carrier terminal block; LED (red); 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; gray

Item No.: 769-239/281-434
1-conductor/1-pin component carrier terminal block; LED (red); 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; gray

Item No.: 769-219/281-413
1-conductor/1-pin component carrier terminal block; with 2 jumper positions; LED (red); 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; gray

Item No.: 769-219/281-434
1-conductor/1-pin component carrier terminal block; with 2 jumper positions; LED (red); 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; gray

Item No.: 769-229/281-413
2-pin component carrier block; LED (red); 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 769-229/281-434
2-pin component carrier block; LED (red); 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 769-209/281-413
2-pin component carrier block; with 2 jumper positions; LED (red); 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 769-209/281-434
2-pin component carrier block; with 2 jumper positions; LED (red); 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.1.4 Disconnect terminal block

Item No.: 769-232
1-conductor/1-pin disconnect carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-212
1-conductor/1-pin disconnect carrier terminal block; with 2 jumper positions; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-233
1-conductor/1-pin disconnect carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-213
1-conductor/1-pin disconnect carrier terminal block; with shield contact; with 2 jumper positions; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-222
2-pin disconnect carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 769-202
2-pin disconnect carrier terminal block; with 2 jumper positions; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 769-223
2-pin disconnect carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 769-203
2-pin disconnect carrier terminal block; with shield contact; with 2 jumper positions; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.1.5 Double-deck terminal block

Item No.: 870-127
1-conductor/1-pin double deck receptacle terminal block; Ground conductor/through terminal block; 2.5 mm²; PE/L; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-117
1-conductor/1-pin double deck receptacle terminal block; Ground conductor/through terminal block; 2.5 mm²; PE/N; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-101
1-conductor/1-pin double deck receptacle 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

Item No.: 870-103
1-conductor/1-pin double deck receptacle terminal block; Through/through terminal block; 2.5 mm²; L/N; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-102
1-conductor/1-pin double deck receptacle terminal block; Through/through terminal block; 2.5 mm²; N/L; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-104
1-conductor/1-pin double deck receptacle terminal block; Through/through terminal block; 2.5 mm²; N/N; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; blue

Item No.: 870-1131
2-conductor/2-pin double-deck carrier terminal; 2-conductor/2-pin 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

Item No.: 870-108
2-conductor/2-pin, double-deck carrier terminal block; 2-conductor/2-pin through terminal block; 2.5 mm²; L; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-109
2-conductor/2-pin, double-deck carrier terminal block; 2-conductor/2-pin through terminal block; 2.5 mm²; N; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; blue

Item No.: 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

Item No.: 870-151
2-Pin/2-pin double deck receptacle terminal block; Through/through terminal block; L/L; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; gray

Item No.: 870-1138
4-conductor/2-pin double-deck carrier terminal block; 4-conductor/2-pin through terminal block; 2.5 mm²; L/L; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-138
4-conductor/4-pin, double-deck carrier terminal block; 4-conductor/4-pin through terminal block; 2.5 mm²; L; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-158
4-pin, double-deck carrier terminal block; 4-pin through terminal block; L; internal commoning; female plug conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.1.6 Ground terminal block

Item No.: 870-127
1-conductor/1-pin double deck receptacle terminal block; Ground conductor/through terminal block; 2.5 mm²; PE/L; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-117
1-conductor/1-pin double deck receptacle terminal block; Ground conductor/through terminal block; 2.5 mm²; PE/N; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

1.1.7 Shield termination

Item No.: 769-231
1-conductor/1-pin carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-233
1-conductor/1-pin disconnect carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-213
1-conductor/1-pin disconnect carrier terminal block; with shield contact; with 2 jumper positions; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-211
2-conductor/2-pin carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-221
2-pin carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 769-223
2-pin disconnect carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 769-203
2-pin disconnect carrier terminal block; with shield contact; with 2 jumper positions; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 769-201
4-pin carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.1.8 Through terminal block

Item No.: 769-176
1-conductor/1-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-176/000-012
1-conductor/1-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; orange

Item No.: 769-231
1-conductor/1-pin carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-214
1-conductor/1-pin disconnect carrier terminal block; with 3 jumper positions; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; 4,00 mm²; gray

Item No.: 870-127
1-conductor/1-pin double deck receptacle terminal block; Ground conductor/through terminal block; 2.5 mm²; PE/L; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-117
1-conductor/1-pin double deck receptacle terminal block; Ground conductor/through terminal block; 2.5 mm²; PE/N; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-101
1-conductor/1-pin double deck receptacle 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

Item No.: 870-103
1-conductor/1-pin double deck receptacle terminal block; Through/through terminal block; 2.5 mm²; L/N; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-102
1-conductor/1-pin double deck receptacle terminal block; Through/through terminal block; 2.5 mm²; N/L; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-104
1-conductor/1-pin double deck receptacle terminal block; Through/through terminal block; 2.5 mm²; N/N; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; blue

Item No.: 769-251/000-006
2-conductor/1-pin carrier terminal block; 4 mm²; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm²; blue

Item No.: 769-251
2-conductor/1-pin carrier terminal block; 4 mm²; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-171/000-006
2-conductor/2-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; blue

Item No.: 769-171
2-conductor/2-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 769-211
2-conductor/2-pin carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

Item No.: 870-1131
2-conductor/2-pin double-deck carrier terminal; 2-conductor/1-pin 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

Item No.: 870-108
2-conductor/2-pin, double-deck carrier terminal block; 2-conductor/2-pin through terminal block; 2.5 mm²; L; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-109
2-conductor/2-pin, double-deck carrier terminal block; 2-conductor/2-pin through terminal block; 2.5 mm²; N; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; blue

Item No.: 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

Item No.: 769-156/000-006
2-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; blue

1.1.8 Through terminal block

Item No.: 769-156
2-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 769-221
2-pin carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 870-151
2-Pin/2-pin double deck receptacle terminal block; Through/through terminal block; L/L; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; gray

Item No.: 870-1138
4-conductor/2-pin double-deck carrier terminal block; 4-conductor/2-pin through terminal block; 2.5 mm²; L/L; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 870-138
4-conductor/4-pin, double-deck carrier terminal block; 4-conductor/4-pin through terminal block; 2.5 mm²; L; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

Item No.: 769-151/000-004
4-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; black

Item No.: 769-151
4-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 769-151/000-005
4-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; red

Item No.: 769-151/000-002
4-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; yellow

Item No.: 769-201
4-pin carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 870-158
4-pin, double-deck carrier terminal block; 4-pin through terminal block; L; internal commoning; female plug conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover

Item No.: 769-436
Jumper cover; for 1-conductor female plugs; for 5 poles; gray

1.2.2 Ferrule

1.2.2.1 Ferrule

Item No.: 216-301
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow

Item No.: 216-302
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise

Item No.: 216-201
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white

Item No.: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored

Item No.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

Item No.: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored

Item No.: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

Item No.: 216-103
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

Item No.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

Item No.: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored

Item No.: 216-206
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue

1.2.3 Insulation stop

1.2.3.1 Insulation stop

Item No.: 769-470
Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white

Item No.: 769-471
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

Item No.: 769-472
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

1.2.4 Jumper

1.2.4.1 Jumper

Item No.: 769-402
Jumper; insulated; gray

1.2.5 Locking system

1.2.5.1 Locking system

Item No.: 769-428
Locking lever; for female connectors; 1 part; Pin spacing 5 mm; 1-pole; gray

Item No.: 769-429
Locking lever; for female connectors; 1 part; Pin spacing 5 mm; 1-pole; orange

1.2.6 Marking

1.2.6.1 Label

Item No.: 210-805
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; 3000 pieces on roll; white

Item No.: 210-805/000-002
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; 3000 pieces on roll; yellow

1.2.6.2 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

Item No.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

1.2.6.3 Marking strip

Item No.: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

Item No.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

Item No.: 210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

1.2.7 Protective warning marker

1.2.7.1 Cover

Item No.: 280-415
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.2.8 Strain relief

1.2.8.1 Strain relief

Item No.: 769-410
Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 1-pole; gray

1.2.9 Test and measurement

1.2.9.1 Testing accessories

Item No.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red

1.2.10 Tool

1.2.10.1 Operating tool

Item No.: 210-490
Operating tool

Item No.: 769-434
Operating tool; made of insulating material; 1-way; loose; white

Installation Notes

1-pole female plug
Example:

- Phase selection in three-phase network
- Test plug with rated current capability
- Simplified circuit expansion – addition of base circuits requires only female plugs to be plugged in

Conductor termination
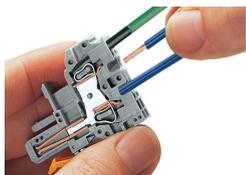
CAGE CLAMP® connection
Female plug: Inserting/removing a conductor via operating tool.
Operation 90° to conductor is also possible.
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

Operating lever
Inserting a conductor – side-entry wiring (example shows a female plug).

Operating tool
Inserting a conductor – side-entry wiring (example shows a female plug).
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

Commoning
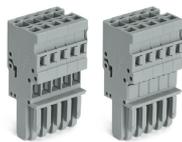
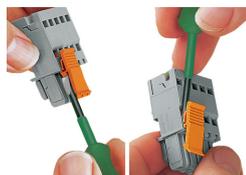Commoning 1-conductor female plugs via miniature adjacent jumpers.

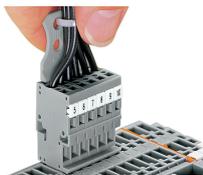Jumper cover for 1-conductor female plugs

Coding

Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

Locking system

Locking/releasing a lever.

Strain relief

Removing a female plug via conductor bundle provided with strain relief plate.

Marking

Labeling a female plug with CAGE CLAMP®
connection via Mini-WSB Quick Markers.

Current addresses can be found at:: www.wago.com