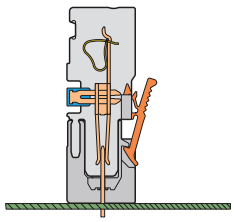
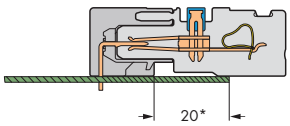
Types of Assembly
Male Headers with Solder Pins with 1-/2-Conductor Female Plugs

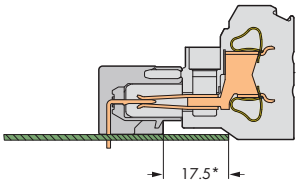


Male header with straight solder pins



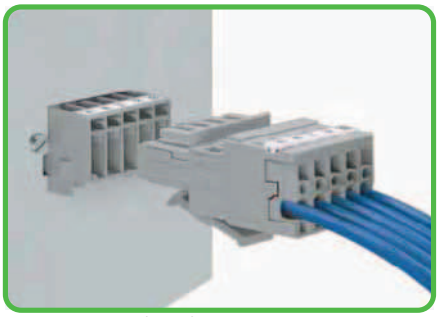
* Maximum dimension when using 1-conductor female plugs

Male header with angled solder pins

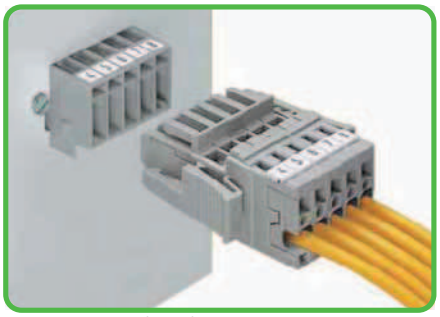


* Maximum dimension when using 2-conductor female plugs

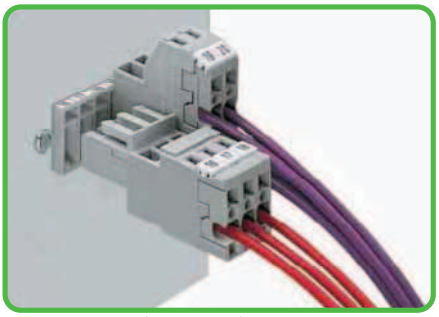
Male header with angled solder pins



Male header with fixing flanges
1-conductor female plug with **bottom-mount** locking levers



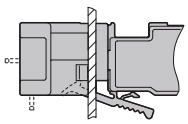
Male header with fixing flanges
1-conductor female plug with **lateral** locking levers



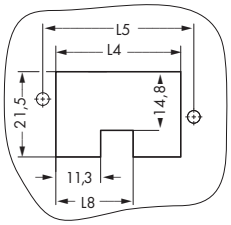
Male header with feedthrough flanges
1-conductor female plug
2-conductor female plug

Cutouts for headers with fixing flanges for feedthrough applications and locking levers

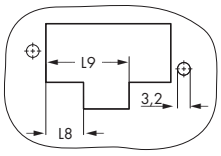
Female plugs with **bottom-mounted** locking levers



Cutouts for
2-pole locking levers
(2- to 15-pole female plugs)

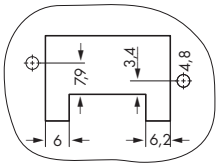


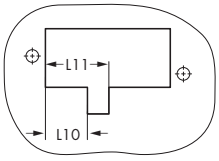
Layout for
locking levers
outer . . .



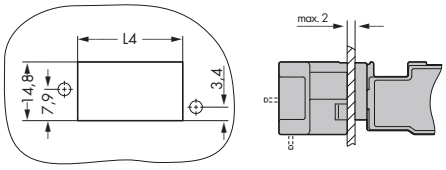
. . . inner

Cutouts for
single pole locking levers

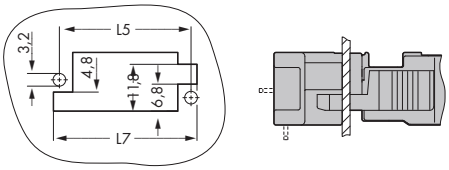




Female plug **without** locking levers



Female plug with **lateral** locking levers



L 4 = No. of poles x pin spacing + 1.7 mm
L 5 = L4 + 6.6 mm
L 7 = L4 + 9.4 mm
L 8 = No. of poles V x pin spacing - 0.3 mm
L 9 = L8 + 11.6 mm
L10 = No. of poles V x pin spacing + 0.6 mm
L11 = L10 + 5.4 mm
No. of poles V: Number of poles before the pole with the locking lever attached

X-COM®-SYSTEM
1-Conductor Female Plugs

CAGE CLAMP®

0.08 - 4 mm²	AWG 28 - 12
500 V/6 kV/3 ❶	600 V, 20 A
I_N 32 A ❷	300 V, 20 A

module width 5 mm / 0.197 in
8 - 9 mm / 0.33 in ❸



❶ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❷ See current-carrying capacity curve, pages 376 to 379 and at www.wago.com

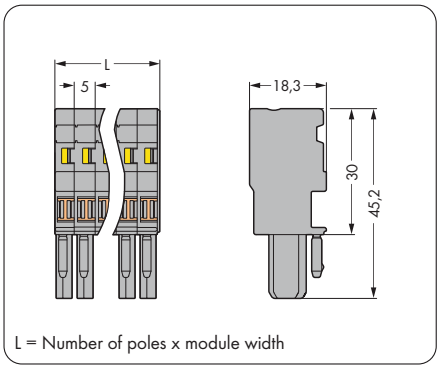
❸ Strip length, see packaging or instructions.

❹ Item-no. suffix
blue . . . /000-006
green-yellow . . . /000-016

❺ **Application examples for 1-pole female plug:**
- 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

❻ See page 375

Pole No.	Item No.	Pack. Unit
1-conductor female plug, for insertion into carrier terminal blocks or male connectors, with coding fingers, gray, commoning possible with miniature adjacent jumpers		
1	**769-101** ❺	200
2	**769-102**	100
3	**769-103**	50
4	**769-104**	50
5	**769-105**	50
6	**769-106**	25
7	**769-107**	25
8	**769-108**	25
9	**769-109**	25
10	**769-110**	25
11	**769-111**	20
12	**769-112**	20
13	**769-113**	10
14	**769-114**	10
15	**769-115**	10



L = Number of poles x module width

Dimensions in mm

Accessories

Appropriate marking system:
Miniature WSB (see Section 13)

Insulation stop,

5 pcs/strip,
0.08 - 0.2 mm² "s" (0.14 mm² "f-st")
white **769-470** 200 (8x25)

Insulation stop,

5 pcs/strip,
0.25 - 0.5 mm²
light gray **769-471** 200 (8x25)

Insulation stop,

5 pcs/strip,
0.75 - 1 mm²
dark gray **769-472** 200 (8x25)

Miniature adjacent jumper, insulated,

I_N 24 A
gray **769-402** 100 (4x25)

Jumper cover, for 1-conductor female plugs,

for 5 poles
gray **769-436** 100 (4x25)

Protective warning marker,

with high-voltage symbol, black,
for 5 terminal blocks
yellow **280-415** 100 (4x25)

Operating lever, loose,

for female plugs and male connectors with CAGE CLAMP®
769-434 2000 (20x100)

Locking lever,

female plugs with 1-pole
gray **769-428** 100 (4x25)
orange **769-429** 100 (4x25)

Locking lever,

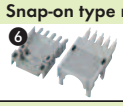
female plugs with 2-poles or more
orange **769-431** 100 (4x25)
gray **769-430** 100

Strain relief plate, gray

1-pole **769-410** 100 (4x25)
2- to 3-pole **769-411** 100 (4x25)
4- to 5-pole **769-412** 100 (4x25)

Strain relief plate, gray

6- to 9-pole **769-413** 100 (4x25)
10- to 15-pole **769-414** 100 (4x25)

Snap-on type relief housing,

❻ consisting of strain relief support/housing
5-pole **769-1605** 25

Miniature WSB Quick marking system,

10 strips with 10 markers per card,
5 mm wide markers
plain **248-501** 5

Miniature WSB Quick marking system, plain,

10 strips with 10 markers per card,
5 mm wide markers
yellow **248-501/000-002**
red **248-501/000-005**
blue **248-501/000-006**
gray **248-501/000-007**
orange **248-501/000-012**
light green **248-501/000-017**
green **248-501/000-023**
violet **248-501/000-024**
5

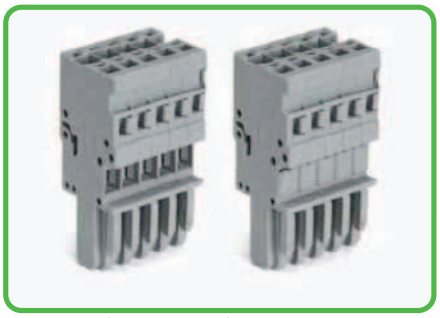
For list of approvals and user guide, see pages 634 to 637.

X-COM®-SYSTEM
1-Conductor Female Plugs with Lateral Locking Levers

0.08 - 4 mm²	AWG 28 - 12
500 V/6 kV/3 ❶	300 V, 20 A
I_N 32 A ❷	300 V, 20 A

module width 5 mm / 0.197 in
8 - 9 mm / 0.33 in ❸




Jumper cover for 1-conductor female plugs

❶ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❷ See current-carrying capacity curve, pages 376 to 379 and at www.wago.com

❸ Strip length, see packaging or instructions.

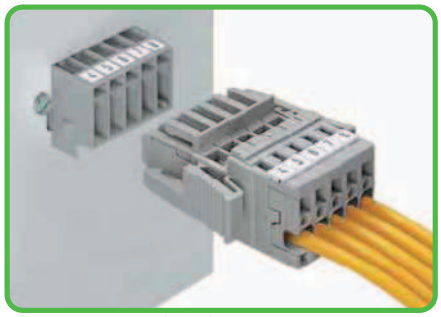
❹ See page 375

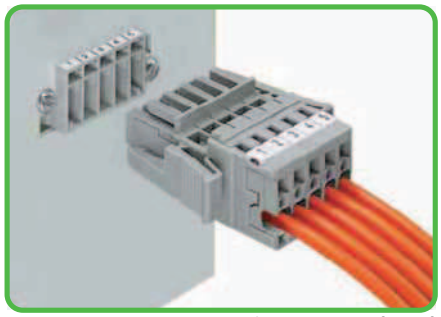
Pole No.	Item No.	Pack. Unit
1-conductor female plug with lateral locking levers, with coding fingers, gray, commoning possible with miniature adjacent jumpers, only to be used with male connectors		
2	**769-102/021-000**	50
3	**769-103/021-000**	25
4	**769-104/021-000**	25
5	**769-105/021-000**	25
6	**769-106/021-000**	25
7	**769-107/021-000**	25
8	**769-108/021-000**	20
9	**769-109/021-000**	20
10	**769-110/021-000**	10
11	**769-111/021-000**	10
12	**769-112/021-000**	10
13	**769-113/021-000**	10
14	**769-114/021-000**	10
15	**769-115/021-000**	10

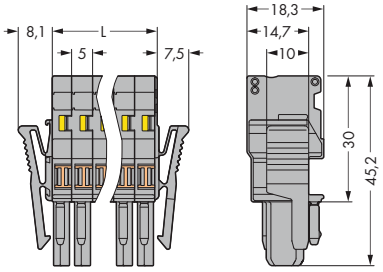
Accessories

Appropriate marking system:
Miniature WSB (see Section 13)

Insulation stop,	5 pcs/strip, 0.08 - 0.2 mm² "s" (0.14 mm² "f-st")		
	white	**769-470**	200 (8x25)
Insulation stop,	5 pcs/strip, 0.25 - 0.5 mm²		
	light gray	**769-471**	200 (8x25)
Insulation stop,	5 pcs/strip, 0.75 - 1 mm²		
	dark gray	**769-472**	200 (8x25)
Miniature adjacent jumper, insulated,	I_N 24 A		
	gray	**769-402**	100 (4x25)
Jumper cover, for 1-conductor female plugs,	for 5 poles		
	gray	**769-436**	100 (4x25)
Protective warning marker,	with high-voltage symbol, black, for 5 terminal blocks		
	yellow	**280-415**	100 (4x25)
Operating lever, loose,	for female plugs and male connectors with CAGE CLAMP®		
		769-434	2000 (20x100)
Test plug,	with 500 mm cable, 2 mm Ø		
	red	**210-136**	50
Test plug,	with 500 mm cable, 2.3 mm Ø		
	yellow	**210-137**	50
Strain relief plate,	gray		
	2- to 3-pole	**769-411**	100 (4x25)
	4- to 5-pole	**769-412**	100 (4x25)
Strain relief plate, gray	6- to 9-pole	**769-413**	100 (4x25)
	10- to 15-pole	**769-414**	100 (4x25)
Snap-on type relief housing,	consisting of strain relief support/housing		
❹	5-pole	**769-1605**	25


Male connector with fixing flanges and 1-conductor female plug with **lateral** locking levers


Male connector and 1-conductor female plug with **lateral** locking levers



L = Number of poles x module width

Dimensions in mm

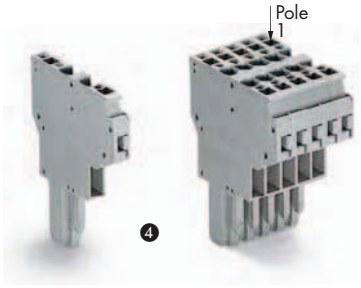
For list of approvals and user guide, see pages 634 to 637.

X-COM®-SYSTEM
2-Conductor Female Plugs

CAGE CLAMP®

0.08 - 4 mm²	AWG 28 - 12
500 V/6 kV/3 ❶	600 V, 20 A
I_N 32 A ❷	300 V, 20 A

module width 5 mm / 0.197 in
8 - 9 mm / 0.33 in ❸



❶ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❷ See current-carrying capacity curve at www.wago.com

❸ Strip length, see packaging or instructions.

❹ Item-no. suffix
blue . . . /000-006
green-yellow . . . /000-016

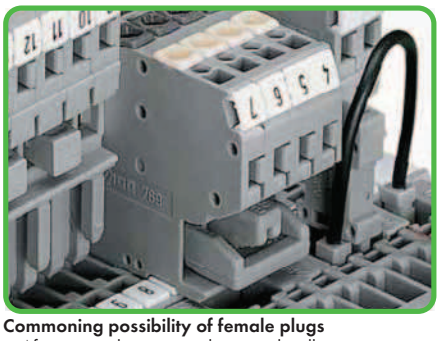
❺ See application notes for:
Staggered jumper, page 201

Pole No.	Item No.	Pack. Unit
2-conductor female plug, for insertion into carrier terminal blocks or male connectors, with coding fingers, gray, commoning possible with adjacent jumpers and staggered jumpers		
1	**769-121**	100
2	**769-122**	50
3	**769-123**	25
4	**769-124**	25
5	**769-125**	20
6	**769-126**	10
7	**769-127**	10
8	**769-128**	10
9	**769-129**	10
10	**769-130**	10
11	**769-131**	5
12	**769-132**	5
13	**769-133**	5
14	**769-134**	5
15	**769-135**	5

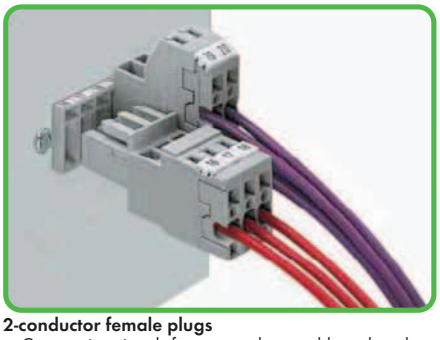
Accessories

Appropriate marking system:
Miniature WSB (see Section 13)

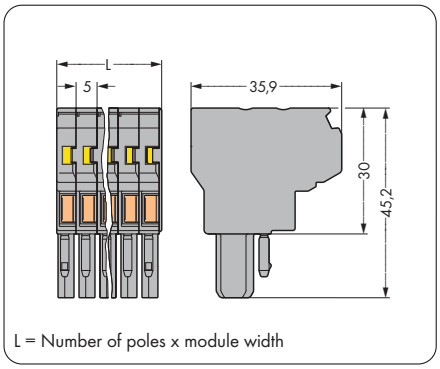
Insulation stop,	5 pcs/strip, 0.08 - 0.2 mm² "s" (0.14 mm² "f-st")		
	white	**769-470**	200 (8x25)
Insulation stop,	5 pcs/strip, 0.25 - 0.5 mm²		
	light gray	**769-471**	200 (8x25)
Insulation stop,	5 pcs/strip, 0.75 - 1 mm²		
	dark gray	**769-472**	200 (8x25)
Adjacent jumper, insulated,	I_N = I_N terminal block		
	gray	**280-402**	200 (8x25)
Staggered jumper, ❺	insulated, width 5 mm/0.197 in, I_N 24 A		
	from 1 to 2	**780-452**	100 (4x25)
	from 1 to 3	**780-453**	100 (4x25)
	from 1 to 4	**780-454**	100 (4x25)
	from 1 to 5	**780-455**	50 (2x25)
	from 1 to 6	**780-456**	50 (2x25)
	from 1 to 7	**780-457**	50 (2x25)
	from 1 to 8	**780-458**	50 (2x25)
Protective warning marker,	with high-voltage symbol, black, for 5 terminal blocks		
	yellow	**280-415**	100 (4x25)
Locking lever,	female plugs with 1-pole		
	gray	**769-428**	100 (4x25)
	orange	**769-429**	100 (4x25)
Locking lever,	female plugs with 2-poles or more		
	orange	**769-431**	100 (4x25)
	gray	**769-430**	100
Strain relief plate, gray	1-pole	**769-410**	100 (4x25)
	2- to 3-pole	**769-411**	100 (4x25)
	4- to 5-pole	**769-412**	100 (4x25)
Strain relief plate, gray	6- to 9-pole	**769-413**	100 (4x25)
	10- to 15-pole	**769-414**	100 (4x25)



Commoning possibility of female plugs
- After removal, commoned potentials still remain commoned
- Use of plug-in jumpers instead of additional wired jumpers
- Can be used as a "hardware" key for safety lockout
- Can also be used as a commoning jumper for sensor circuits or machine programming



2-conductor female plugs
- Commoning signals from one sub-assembly to the other (bus structure)
- Can be used as a T-wire branch tap connection (e.g., for lighting wiring)
- Enables a higher number of connection possibilities



L = Number of poles x module width

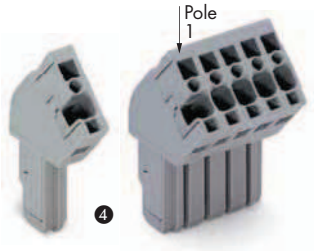
Dimensions in mm

For list of approvals and user guide, see pages 634 to 637.

X-COM®-SYSTEM
1-Conductor Female Plugs, Angled

0.08 - 4 mm²	AWG 28 - 12
500 V/6 kV/3 ❶	600 V, 20 A
I_N 32 A ❷	300 V, 20 A

module width 5 mm / 0.197 in
8 - 9 mm / 0.33 in ❸



❶ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❷ See current-carrying capacity curve at www.wago.com

❸ Strip length, see packaging or instructions.

❹ Item-no. suffix
blue . . . /000-006
green-yellow . . . /000-016

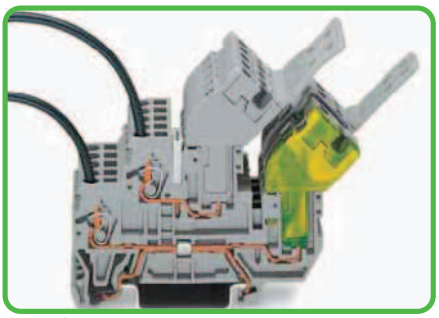
❺ See page 375

Pole No.	Item No.	Pack. Unit
1-conductor female plug, angled, for insertion into carrier terminal blocks or male connectors, with coding fingers, gray		
1	**769-101/022-000**	200
2	**769-102/022-000**	100
3	**769-103/022-000**	50
4	**769-104/022-000**	50
5	**769-105/022-000**	50
6	**769-106/022-000**	25
7	**769-107/022-000**	25
8	**769-108/022-000**	25
9	**769-109/022-000**	25
10	**769-110/022-000**	25
11	**769-111/022-000**	20
12	**769-112/022-000**	20
13	**769-113/022-000**	10
14	**769-114/022-000**	10
15	**769-115/022-000**	10

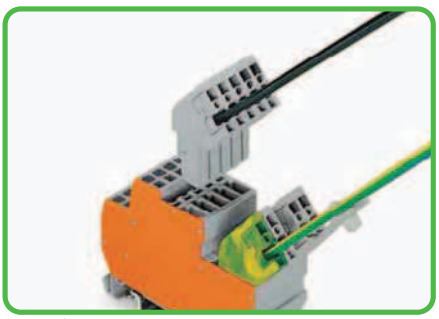
Accessories

Appropriate marking system:
Miniature WSB (see Section 13)

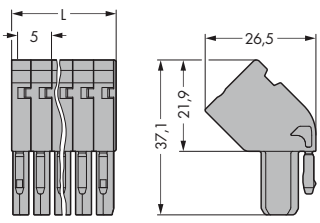
Insulation stop,	5 pcs/strip, 0.08 - 0.2 mm² "s" (0.14 mm² "f-st")		
	white	**769-470**	200 (8x25)
Insulation stop,	5 pcs/strip, 0.25 - 0.5 mm²		
	light gray	**769-471**	200 (8x25)
Insulation stop,	5 pcs/strip, 0.75 - 1 mm²		
	dark gray	**769-472**	200 (8x25)
Protective warning marker,	with high-voltage symbol, black, for 5 terminal blocks		
	yellow	**280-415**	100 (4x25)
Operating lever, loose,	for female plugs and male connectors with CAGE CLAMP®		
		769-434	2000 (20x100)
Test plug,	with 500 mm cable, 2 mm Ø		
	red	**210-136**	50
Test plug,	with 500 mm cable, 2.3 mm Ø		
	yellow	**210-137**	50
Strain relief plate, gray	1-pole	**769-410**	100 (4x25)
	2- to 3-pole	**769-411**	100 (4x25)
	4- to 5-pole	**769-412**	100 (4x25)
Strain relief plate, gray	6- to 9-pole	**769-413**	100 (4x25)
	10- to 15-pole	**769-414**	100 (4x25)
Snap-on type relief housing, ❺	consisting of strain relief support/housing		
	5-pole	**769-1605**	25
Miniature WSB Quick marking system,	10 strips with 10 markers per card, 5 mm wide markers		
	plain	**248-501**	5



Angled female plugs provide reduced installation height.



Angled female plugs installed on double-deck terminal block.



L = Number of poles x module width

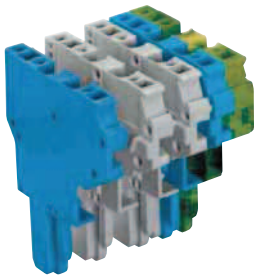
Dimensions in mm

For list of approvals and user guide, see pages 634 to 637.

X-COM®-SYSTEM
Female Plugs for Self-Assembly

0.08 - 4 mm² | AWG 28 - 12 500 V/6 kV/3 ❶ I_N 32 A ❷ module width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ❸	0.08 - 4 mm² | AWG 28 - 12 500 V/6 kV/3 ❶ I_N 32 A ❷ module width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ❸	0.08 - 4 mm² | AWG 28 - 12 500 V/6 kV/3 ❶ I_N 32 A ❷ module width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ❸







	Item No.	Pack. Unit
1-conductor end module, with coding fingers, commoning possible with miniature adjacent jumpers		
gray	**769-503**	250
blue	**769-503/000-006**	250
green-yellow	**769-503/000-016**	250
1-conductor center module, with coding fingers, commoning possible with miniature adjacent jumpers		
gray	**769-502**	250
blue	**769-502/000-006**	250
green-yellow	**769-502/000-016**	250
1-conductor base module, with integrated end plate, with coding fingers, commoning possible with miniature adjacent jumpers		
gray	**769-501**	250
blue	**769-501/000-006**	250
green-yellow	**769-501/000-016**	250

	Item No.	Pack. Unit
2-conductor end module, with coding fingers, commoning possible with adjacent jumpers and staggered jumpers		
gray	**769-506**	250
blue	**769-506/000-006**	250
green-yellow	**769-506/000-016**	250
2-conductor center module, with coding fingers, commoning possible with adjacent jumpers and staggered jumpers		
gray	**769-505**	250
blue	**769-505/000-006**	250
green-yellow	**769-505/000-016**	250
2-conductor base module, with integrated end plate, with coding fingers, commoning possible with adjacent jumpers and staggered jumpers		
gray	**769-504**	250
blue	**769-504/000-006**	250
green-yellow	**769-504/000-016**	250

	Item No.	Pack. Unit
1-conductor end module, angled, with coding fingers		
gray	**769-515**	250
blue	**769-515/000-006**	250
green-yellow	**769-515/000-016**	250
1-conductor center module, angled, with coding fingers		
gray	**769-513**	250
blue	**769-513/000-006**	250
green-yellow	**769-513/000-016**	250
1-conductor base module, angled, with integrated end plate, with coding fingers		
gray	**769-512**	250
blue	**769-512/000-006**	250
green-yellow	**769-512/000-016**	250

Item-Specific Accessories

Miniature adjacent jumper, insulated,



I_N 24 A

gray	**769-402**	100 (4x25)

Item-Specific Accessories

Adjacent jumper, insulated,



I_N = I_N terminal block

gray	**280-402**	200 (8x25)

Accessories for Female Plugs

Appropriate marking system:
Miniature WSB (see Section 13)

Insulation stop,



5 pcs/strip,
0.08 - 0.2 mm² "s" (0.14 mm² "f-st")

white	**769-470**	200 (8x25)

Insulation stop,



5 pcs/strip,
0.25 - 0.5 mm²

light gray	**769-471**	200 (8x25)

Insulation stop,



5 pcs/strip,
0.75 - 1 mm²

dark gray	**769-472**	200 (8x25)

Protective warning marker,



with high-voltage symbol, black,
for 5 terminal blocks

yellow	**280-415**	100 (4x25)

Locking lever,



female plugs with 1-pole

gray	**769-428**	100 (4x25)
orange	**769-429**	100 (4x25)

Locking lever,



female plugs with 2-poles or more

orange	**769-431**	100 (4x25)
gray	**769-430**	100

Test plug,



with 500 mm cable,
2 mm Ø

red	**210-136**	50

Test plug,



with 500 mm cable,
2.3 mm Ø

yellow	**210-137**	50

Operating lever, loose,



for female plugs and male connectors with CAGE CLAMP®

	769-434	2000 (20x100)

Miniature WSB Quick marking system,



10 strips with 10 markers per card,
5 mm wide markers

plain	**248-501**	5

Strain relief plate, gray



1-pole	**769-410**	100 (4x25)
2- to 3-pole	**769-411**	100 (4x25)
4- to 5-pole	**769-412**	100 (4x25)

Strain relief plate, gray



6- to 9-pole	**769-413**	100 (4x25)
10- to 15-pole	**769-414**	100 (4x25)

For list of approvals and user guide, see pages 634 to 637.

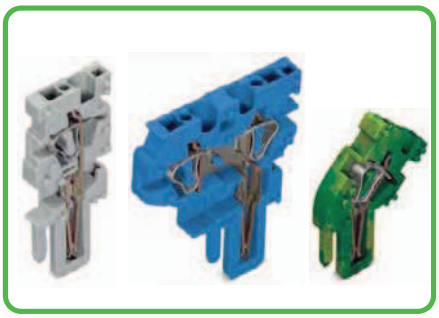
Self-assembly of individual female plugs:
Using modular female plugs from the X-COM®-SYSTEM, female plugs can be customized for applications requiring varying numbers of poles (e.g., when designing prototypes).

Modules and pole numbers:
A self-assembled female plug consists of:
Base module with integrated end plate,
up to 13 center modules (corresponding to a 15-pole female plug = maximum number of poles),
end module.

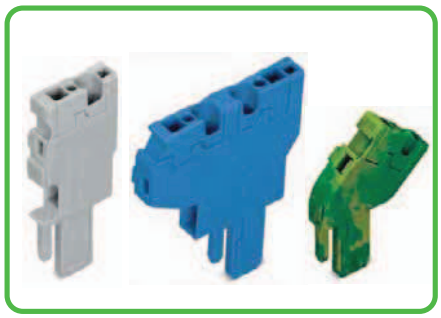
Intended use:
According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.

Assembly:
The appropriate mounting tool shall be used to guarantee that the individual modules are properly attached to each other without damaging the locking latches.

1. 500 V = rated voltage
   6 kV = rated surge voltage
   3 = pollution degree
   (also see Section 14)
2. See current-carrying capacity curve at www.wago.com
3. Strip length, see packaging or instructions.


End module


Center module


Base module

Example: 5-Pole, 1-Conductor Female Plug



Base module with integrated end plate
769-501/000-016

Center module
769-502/000-006

Center modules
769-502

End module
769-503

X-COM®-SYSTEM
1-Conductor Female Plugs

CAGE CLAMP®

0.08 - 4 mm² | AWG 28 - 12 500 V/6 kV/3 ❶ I_N 32 A ❷ module width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ❸	0.08 - 4 mm² | AWG 28 - 12 500 V/6 kV/3 ❶ I_N 32 A ❷ module width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ❸









❶ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❷ See current-carrying capacity curve at www.wago.com

❸ Strip length, see packaging or instructions.

Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground base module		
(green-yellow), for insertion into carrier terminal blocks		
or male connectors, with coding fingers, commoning		
possible with miniature adjacent jumpers		
3	**769-103/000-038**	50
1-conductor female plug with ground end module		
(green-yellow), for insertion into carrier terminal blocks		
or male connectors, with coding fingers, commoning		
possible with miniature adjacent jumpers		
3	**769-103/000-039**	50

Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground base module		
(green-yellow), for insertion into carrier terminal blocks		
or male connectors, with coding fingers, commoning		
possible with miniature adjacent jumpers		
5	**769-105/000-038**	50
1-conductor female plug with ground end module		
(green-yellow), for insertion into carrier terminal blocks		
or male connectors, with coding fingers, commoning		
possible with miniature adjacent jumpers		
5	**769-105/000-039**	50

Accessories for 1-Conductor Female Plugs

Appropriate marking system:
Miniature WSB (see Section 13)

Insulation stop,			
	5 pcs/strip,		
	0.08 - 0.2 mm² "s" (0.14 mm² "f-st")		
	white	**769-470**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 - 0.5 mm²		
	light gray	**769-471**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.75 - 1 mm²		
	dark gray	**769-472**	200 (8x25)
Miniature adjacent jumper, insulated,			
	I_N 24 A		
	gray	**769-402**	100 (4x25)
Locking lever,			
	female plugs with 1-pole		
	gray	**769-428**	100 (4x25)
	orange	**769-429**	100 (4x25)
Locking lever,			
	female plugs with 2-poles or more		
	orange	**769-431**	100 (4x25)
	gray	**769-430**	100
Test plug,			
	with 500 mm cable,		
	2 mm Ø		
	red	**210-136**	50
Test plug,			
	with 500 mm cable,		
	2.3 mm Ø		
	yellow	**210-137**	50

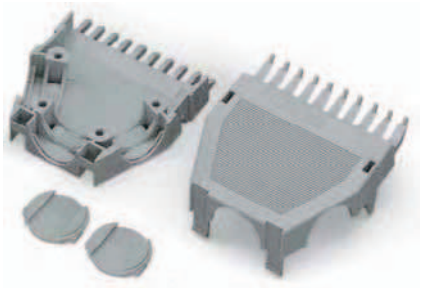
Protective warning marker,			
	with high-voltage symbol, black,		
	for 5 terminal blocks		
	yellow	**280-415**	100 (4x25)
Strain relief plate,			
	gray		
	2- to 3-pole	**769-411**	100 (4x25)
Strain relief plate,			
	gray		
	4- to 5-pole	**769-412**	100 (4x25)
Snap-on type relief housing,			
	consisting of strain relief support/housing		
	3-pole	**769-1603**	25
Snap-on type relief housing,			
	consisting of strain relief support/housing		
	5-pole	**769-1605**	25
Operating lever, loose,			
	for female plugs and male connectors with		
	CAGE CLAMP®		
		769-434	2000 (20x100)
Miniature WSB Quick marking system,			
	10 strips with 10 markers per card,		
	5 mm wide markers		
	plain	**248-501**	5

For list of approvals and user guide, see pages 634 to 637.

Snap-on Type Strain Relief Housings for 769 Series Female Plugs and Male Connectors with CAGE CLAMP® Connection

Snap-on type relief housing	Snap-on type relief housing





1 cable outlet rear, 2- to 5-pole only suitable for cable ties (Fa. Hellermann – not offered by WAGO) not for cable clamp

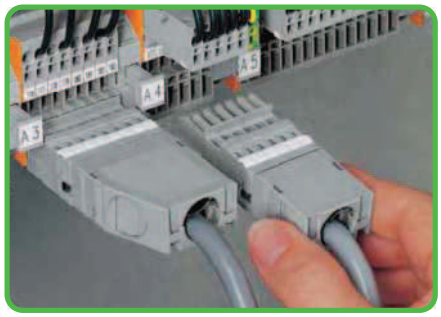
2 1 cable outlet rear

3 2 cable outlets, 1 cover

4 3 cable outlets, 2 covers

Pole No.	Item No.	Pack. Unit
Snap-on type relief housing, consisting of strain relief support/housing, gray		
2	**769-1602** 1	25
3	**769-1603** 1	25
4	**769-1604** 1	25
5	**769-1605** 1	25

Pole No.	Item No.	Pack. Unit
Snap-on type relief housing, consisting of strain relief support/housing, gray		
6	**769-1606** 2	25
7	**769-1607** 2	25
8	**769-1608** 3	25
9	**769-1609** 3	25
10	**769-1610** 4	25
11	**769-1611** 4	25
12	**769-1612** 4	25
13	**769-1613** 4	25
14	**769-1614** 4	25
15	**769-1615** 4	25



Application

Item-Specific Accessories

WSB Quick marking system,



10 strips with 10 markers per card, for terminal widths 5 - 17.5 mm

plain **209-501** 5

Item-Specific Accessories

Cable clamp,

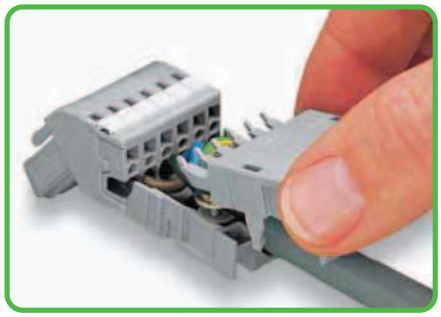


for strain relief from 7-pole and on **209-174** 25

Fixing screw,

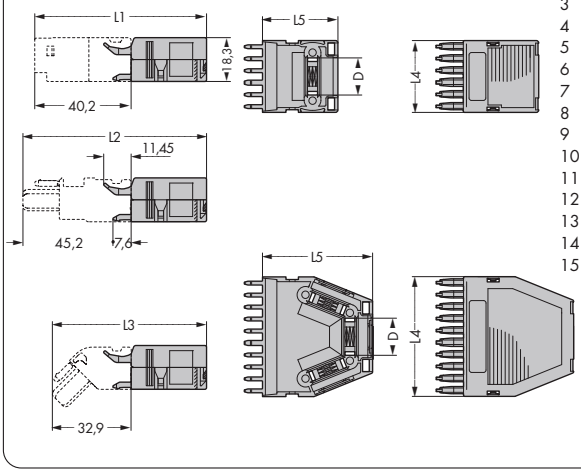


for cable clamp for 7 or more poles **209-173** 50



Snapping on strain relief housing

Dimensions for strain relief housings



No. of poles	L1	L2	L3	L4	L5	D
2	71.7	76.7	64.4	10	31.5	5
3	71.7	76.7	64.4	15	31.5	9.7
4	71.7	76.7	64.4	20	31.5	14
5	71.7	76.7	64.4	25	31.5	14
6	71.7	76.7	64.4	30	31.5	15.5
7	77.7	81.7	69.4	35	36.5	15.5
8	86.2	91.2	78.9	40	46	15.5
9	86.2	91.2	78.9	45	46	15.5
10	86.2	91.2	78.9	50	46	15.5
11	86.2	91.2	78.9	55	46	15.5
12	86.2	91.2	78.9	60	46	15.5
13	86.2	91.2	78.9	65	46	15.5
14	86.2	91.2	78.9	70	46	15.5
15	86.2	91.2	78.9	75	46	15.5

Dimensions in mm