

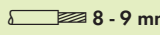


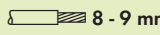





X-COM®-SYSTEM

Male Connectors




Pin Spacing 5 mm

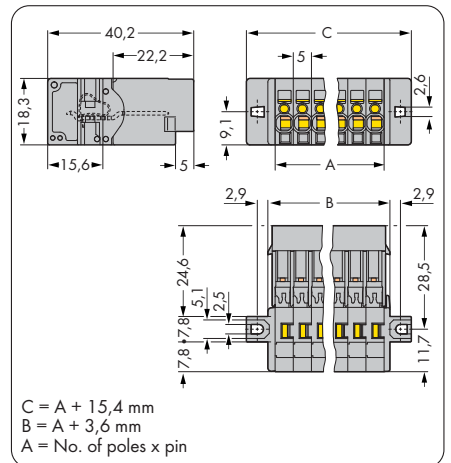
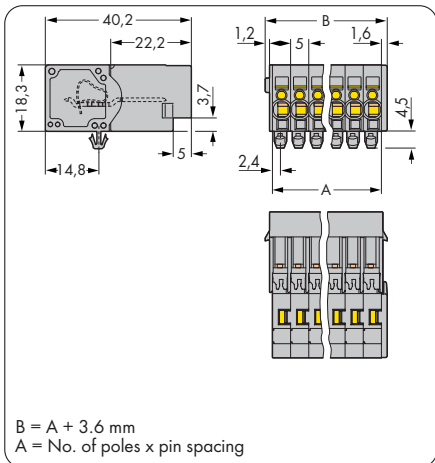
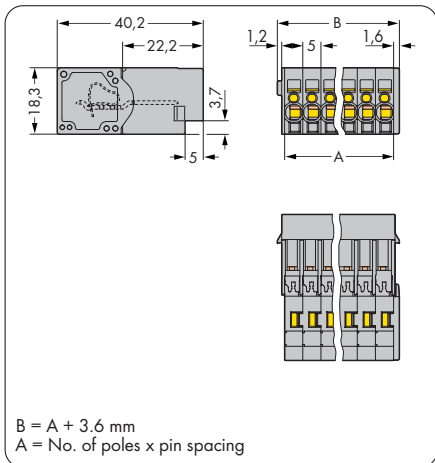
Pin spacing 5 mm / 0.197 in, gray
 0.08 - 4 mm² AWG 28 - 12
 500 V/6 kV/3 ① 300 V, 20 A 
 I_N 32 A ② 300 V, 20 A 
 8 - 9 mm / 0.33 in ③

Pin spacing 5 mm / 0.197 in, gray
 0.08 - 4 mm² AWG 28 - 12
 500 V/6 kV/3 ① 600 V, 20 A 
 I_N 32 A ② 300 V, 20 A 
 8 - 9 mm / 0.33 in ③



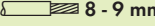
Pin spacing 5 mm / 0.197 in, gray
 0.08 - 4 mm² AWG 28 - 12
 500 V/6 kV/3 ① 300 V, 20 A 
 I_N 32 A ② 300 V, 20 A 
 8 - 9 mm / 0.33 in ③



Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
Male connector with CAGE CLAMP® for flying leads, gray			Male connector with CAGE CLAMP® and snap-in mounting feet, for plate thickness 0.6-1.2 mm, fixing hole 3.5 mm Ø, with 209-137 mounting adapter for DIN 35 rail, gray			Male connector with CAGE CLAMP® and fixing flanges, for screw or similar mounting types, for vertical or horizontal mounting, gray		
● 2	769-602	100	● 2	769-602/001-000	100	● 2	769-602/002-000	100
● 3	769-603	100	● 3	769-603/001-000	100	● 3	769-603/002-000	50
● 4	769-604	100	● 4	769-604/001-000	50	● 4	769-604/002-000	50
● 5	769-605	50	● 5	769-605/001-000	50	● 5	769-605/002-000	50
● 6	769-606	50	● 6	769-606/001-000	50	● 6	769-606/002-000	50
● 7	769-607	25	● 7	769-607/001-000	25	● 7	769-607/002-000	25
● 8	769-608	25	● 8	769-608/001-000	25	● 8	769-608/002-000	25
● 9	769-609	25	● 9	769-609/001-000	25	● 9	769-609/002-000	25
● 10	769-610	25	● 10	769-610/001-000	25	● 10	769-610/002-000	25
● 11	769-611	25	● 11	769-611/001-000	25	● 11	769-611/002-000	25
● 12	769-612	25	● 12	769-612/001-000	25	● 12	769-612/002-000	25
● 13	769-613	25	● 13	769-613/001-000	15	● 13	769-613/002-000	15
● 14	769-614	15	● 14	769-614/001-000	15	● 14	769-614/002-000	10
● 15	769-615	10	● 15	769-615/001-000	20	● 15	769-615/002-000	20
Item-Specific Accessories			Item-Specific Accessories			Item-Specific Accessories		
Strain relief plate, gray			Mounting adapter, for DIN 35 rail, can be used as end plate, 6.5 mm wide gray 209-137 25			Fixing screw M 2.5 x 16, and hexagon nut M 2.5 769-499 100 (4x25)		
	2- to 3-pole 769-411 100 (4x25)							
	4- to 5-pole 769-412 100 (4x25)							
	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.

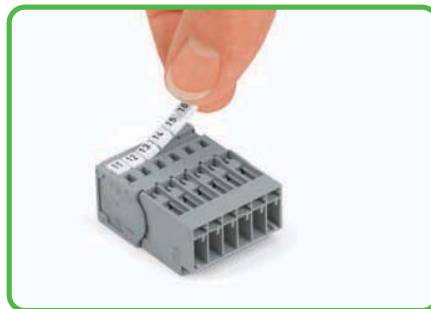
Pin spacing 5 mm / 0.197 in, gray
 0.08 - 4 mm² AWG 28 - 12
 500 V/6 kV/3 ① 300 V, 20 A 
 I_N 32 A ② 300 V, 20 A 
 8 - 9 mm / 0.33 in ③



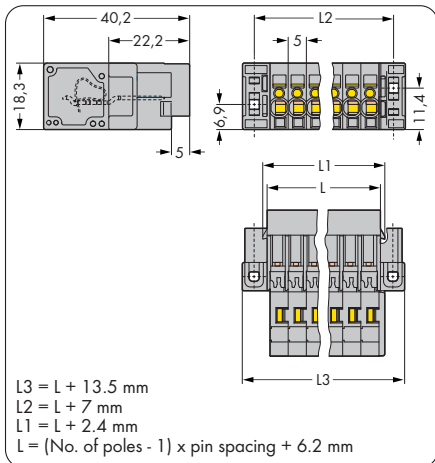
Pole No.	Item No.	Pack. Unit
Male connector with CAGE CLAMP® and feedthrough flanges,		
for screw or similar mounting types, for vertical or horizontal mounting,		
gray		
2	769-602/004-000	100
3	769-603/004-000	50
4	769-604/004-000	25
5	769-605/004-000	25
6	769-606/004-000	25
7	769-607/004-000	25
8	769-608/004-000	25
9	769-609/004-000	25
10	769-610/004-000	25
11	769-611/004-000	25
12	769-612/004-000	15
13	769-613/004-000	15
14	769-614/004-000	10
15	769-615/004-000	10



Male connector with CAGE CLAMP®. 1-conductor female plug, straight.










Male connector with CAGE CLAMP®. with miniature WSB quick marking system



- ① 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② See current-carrying capacity curve, page 379 and at www.wago.com
- ③ Strip length, see packaging or instructions.

769 Series Accessories

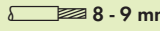
Appropriate marking system:
 Miniature WSB (see Section 13)

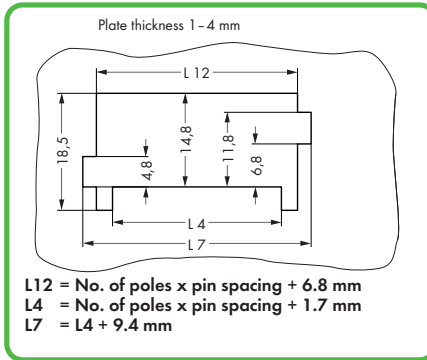
1-conductor female plug,			
	straight		
	gray	769-102	100
1-conductor female plug,			
	with lateral locking levers		
	gray	769-102/021-000	50
2-conductor female plug			
	gray	769-122	50
Coding pin,			
	for coding female plugs		
	orange	769-435	100 (4x25)
Operating tool,			
	for female and male connectors with CAGE CLAMP®		
		210-490	1
Miniature WSB Quick marking system,			
	10 strips with 10 markers per card, 5 mm wide markers		
	plain	248-501	5
Operating lever, loose,			
	for female plugs and male connectors with CAGE CLAMP®		
		769-434	2000 (20x100)

X-COM®-SYSTEM

Male Connectors with Snap-In Flanges

Pin Spacing 5 mm/0.197 in

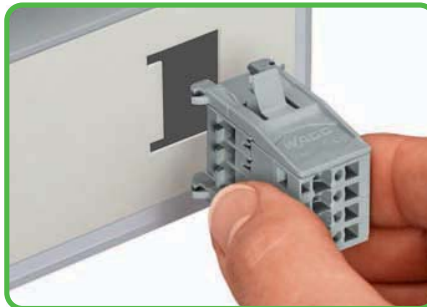
Pin spacing 5 mm / 0.197 in, gray
 0.08 - 4 mm² AWG 28 - 12
 500 V/6 kV/3 ① 300 V, 20 A^②
 I_N 32 A ② 300 V, 20 A^③
 8 - 9 mm / 0.33 in ③



Sheet metal cut-out
 Male connectors with CAGE CLAMP® connection and snap-in flanges

- ① 500 V = rated voltage
 6 kV = rated surge voltage
 3 = pollution degree
 (also see Section 14)
- ② See current-carrying capacity curve, page 379 and at www.wago.com
- ③ Strip length, see packaging or instructions.

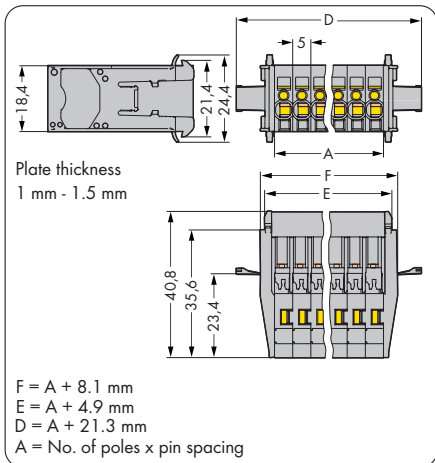
Pole No.	Item No.	Pack. Unit
Male connector with CAGE CLAMP® and snap-in flanges, for mounting without tools,		
gray		
2	769-602/005-000	50
3	769-603/005-000	25
4	769-604/005-000	25
5	769-605/005-000	25
6	769-606/005-000	25
7	769-607/005-000	25
8	769-608/005-000	20
9	769-609/005-000	20
10	769-610/005-000	20
11	769-611/005-000	15
12	769-612/005-000	15
13	769-613/005-000	15
14	769-614/005-000	10
15	769-615/005-000	10



Insert male connector into sheet metal cut-out.










Snap-in mounting without tools.



Dimensions in mm

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

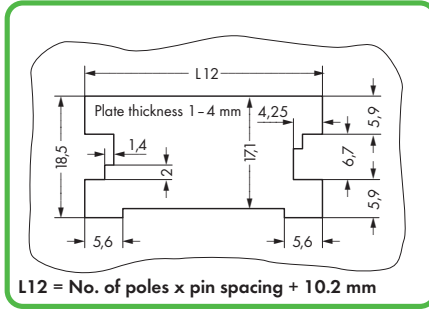
769 Series Accessories			
Appropriate marking system: Miniature WSB (see Section 13)			
1-conductor female plug,			
	straight		
	gray	769-102	100
1-conductor female plug,			
	with lateral locking levers		
	gray	769-102/021-000	50
2-conductor female plug			
	gray	769-122	50
Coding pin,			
	for coding female plugs		
	orange	769-435	100 (4x25)
Operating tool,			
	for female and male connectors with CAGE CLAMP®	210-490	1
Miniature WSB Quick marking system,			
	10 strips with 10 markers per card, 5 mm wide markers		
	plain	248-501	5
Operating lever, loose,			
	for female plugs and male connectors with CAGE CLAMP®	769-434	2000 (20x100)

X-COM®-SYSTEM

Male Connectors with Snap-In Flanges

Pin Spacing 5 mm/0.197 in

Pin spacing 5 mm / 0.197 in, gray
 0.08 - 4 mm² | AWG 28 - 12
 500 V/6 kV/3
 I_N 32 A



Sheet metal cut-out (for female plugs without locking levers)
 Male connectors with CAGE CLAMP® connection and snap-in flanges

- ❶ 500 V = rated voltage
 6 kV = rated surge voltage
 3 = pollution degree
 (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
Male connector with CAGE CLAMP® and snap-in flanges,		
for mounting without tools,		
gray		
2	769-602/006-000	100
3	769-603/006-000	100
4	769-604/006-000	50
5	769-605/006-000	25
6	769-606/006-000	25
7	769-607/006-000	25
8	769-608/006-000	25
9	769-609/006-000	20
10	769-610/006-000	25
11	769-611/006-000	25
12	769-612/006-000	25
13	769-613/006-000	15
14	769-614/006-000	15
15	769-615/006-000	10
Accessories see page 362.		



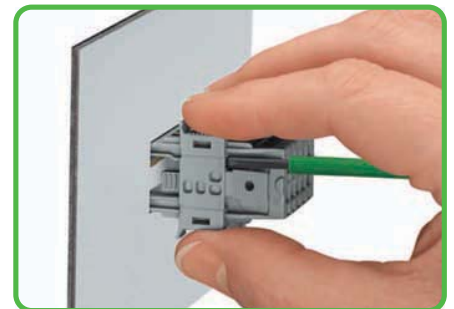
Insert male connector into sheet metal cut-out.



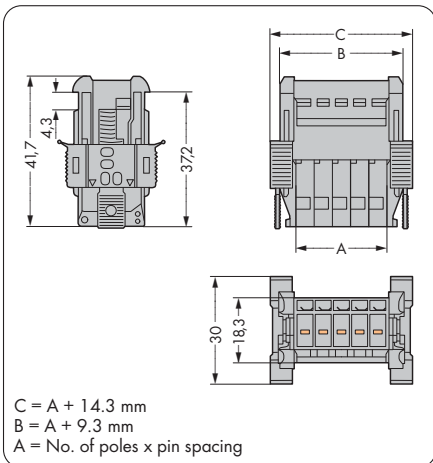
Fix snap-in flange.



For removal, insert operating tool (blade width 2.5 mm) into release slot.



Press center part of connector. Then remove snap-in flange.



Dimensions in mm

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

X-COM®-SYSTEM

Male Headers with Solder Pins

Pin Spacing 5 mm

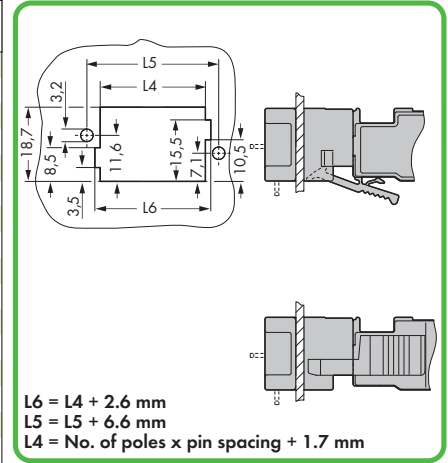
Pin spacing 5 mm / 0.197 in, gray
 250 V/4 kV/3 ① | 600 V, 20 A **A**
 500 V/4 kV/2 ① | 300 V, 20 A **A**
 I_N 32 A ②

Pin spacing 5 mm / 0.197 in, gray
 250 V/4 kV/3 ① | 600 V, 20 A **A**
 500 V/4 kV/2 ① | 300 V, 20 A **A**
 I_N 32 A ②

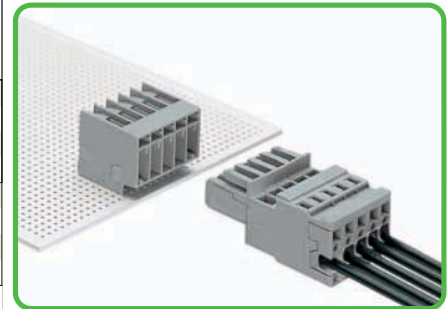


- ① 250 V/500 V = rated voltage
 4 kV = rated surge voltage
 3/2 = pollution degree
 (also see Section 14)
- ② See current-carrying capacity curve, page 378 and at www.wago.com

(also see Section 14)



Sheet metal cut-out for male header

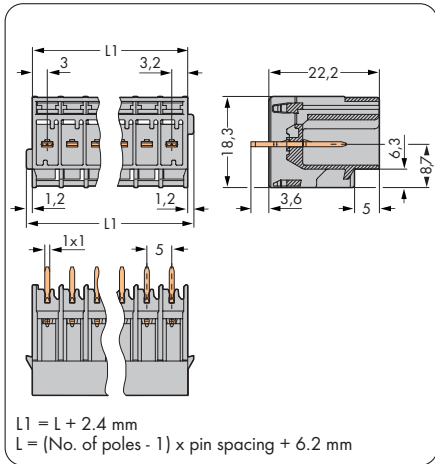


Male header with angled solder pins

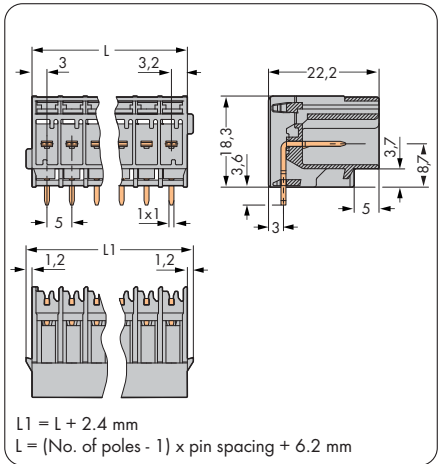
Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
Male header with straight solder pins, 1 x 1 mm, gray			Male header with angled solder pins, 1 x 1 mm, gray		
2	769-632	200	2	769-662	200
3	769-633	100	3	769-663	100
4	769-634	50	4	769-664	50
5	769-635	50	5	769-665	50
6	769-636	50	6	769-666	50
7	769-637	50	7	769-667	50
8	769-638	25	8	769-668	25
9	769-639	25	9	769-669	25
10	769-640	25	10	769-670	25
11	769-641	25	11	769-671	25
12	769-642	25	12	769-672	25
13	769-643	25	13	769-673	25
14	769-644	25	14	769-674	25
15	769-645	25	15	769-675	25

Accessories

1-conductor female plug, straight gray	769-102	100	1-conductor female plug, with lateral locking levers gray	769-102/021-000	50
Coding pin, for coding female plugs orange	769-435	100 (4x25)			



Dimensions in mm



Dimensions in mm

X-COM®-SYSTEM

Male Headers with Solder Pins and Fixing Flanges

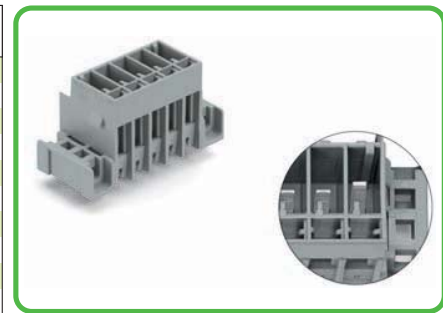
Pin Spacing 5 mm

Pin spacing 5 mm / 0.197 in, gray 250 V/4 kV/3 ① 600 V, 20 A 500 V/4 kV/2 ① 300 V, 20 A I _N 32 A ②	Pin spacing 5 mm / 0.197 in, gray 250 V/4 kV/3 ① 600 V, 20 A 500 V/4 kV/2 ① 300 V, 20 A I _N 32 A ②
--	--



- ① 250 V/500 V = rated voltage
4 kV = rated surge voltage
3/2 = pollution degree
(also see Section 14)
- ② See current-carrying capacity curve, page 378 and at www.wago.com

Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
Male header with straight solder pins and fixing flanges, 1 x 1 mm,			Male header with angled solder pins and fixing flanges, 1 x 1 mm,		
gray			gray		
2	769-632/003-000	200	2	769-662/003-000	100
3	769-633/003-000	100	3	769-663/003-000	100
4	769-634/003-000	50	4	769-664/003-000	50
5	769-635/003-000	50	5	769-665/003-000	50
6	769-636/003-000	25	6	769-666/003-000	50
7	769-637/003-000	25	7	769-667/003-000	25
8	769-638/003-000	25	8	769-668/003-000	25
9	769-639/003-000	25	9	769-669/003-000	25
10	769-640/003-000	25	10	769-670/003-000	25
11	769-641/003-000	25	11	769-671/003-000	25
12	769-642/003-000	25	12	769-672/003-000	25
13	769-643/003-000	15	13	769-673/003-000	15
14	769-644/003-000	15	14	769-674/003-000	15
15	769-645/003-000	15	15	769-675/003-000	15

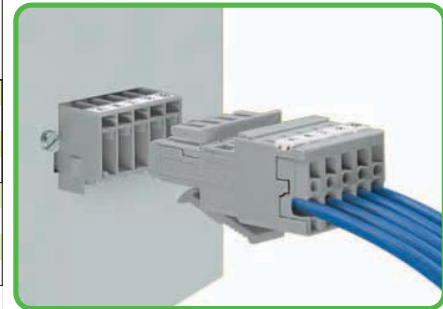


Male headers with preceding ground contact, with straight solder pins and fixing flanges
 769-632/003-036
 769-633/003-036
 769-634/003-036
 769-635/003-036
 769-636/003-036

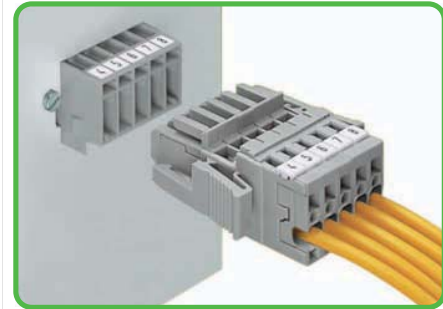
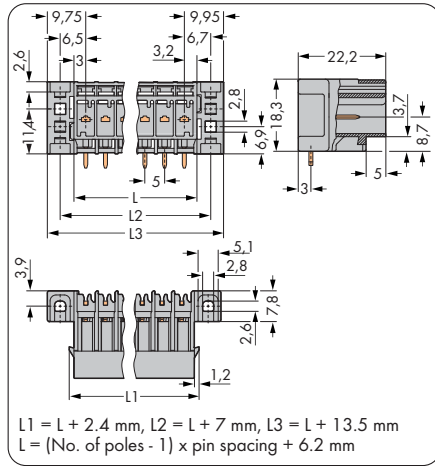
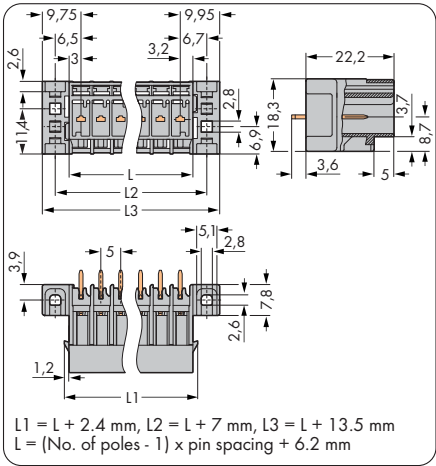


Accessories

1-conductor female plug, straight gray 769-102 100	1-conductor female plug, with lateral locking levers gray 769-102/021-000 50
Coding pin, for coding female plugs orange 769-435 100 (4x25)	



Male header and 1-conductor female plug with locking levers



Male header and 1-conductor female plug with lateral locking levers

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

X-COM®-SYSTEM

Male Headers with Solder Pins and Feedthrough Flanges

Pin Spacing 5 mm

Pin spacing 5 mm / 0.197 in, gray
 250 V/4 kV/3 ① 300 V, 20 A ②
 500 V/4 kV/2 ① 300 V, 20 A ②
 I_N 32 A ②

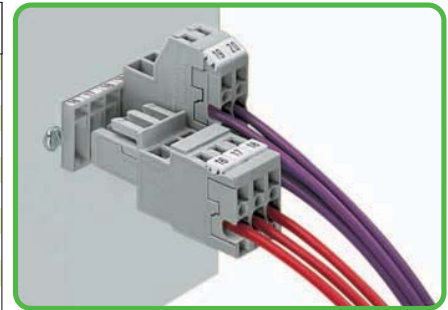
Pin spacing 5 mm / 0.197 in, gray
 250 V/4 kV/3 ① 300 V, 20 A ②
 500 V/4 kV/2 ① 300 V, 20 A ②
 I_N 32 A ②



- ① 250 V/500 V = rated voltage
 4 kV = rated surge voltage
 3/2 = pollution degree
 (also see Section 14)

- ② See current-carrying capacity curve, page 378 and at www.wago.com

Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
Male header with straight solder pins and feedthrough flanges, 1 x 1 mm,			Male header with angled solder pins and feedthrough flanges, 1 x 1 mm,		
gray			gray		
2	769-632/004-000	200	2	769-662/004-000	200
3	769-633/004-000	50	3	769-663/004-000	100
4	769-634/004-000	50	4	769-664/004-000	50
5	769-635/004-000	50	5	769-665/004-000	50
6	769-636/004-000	50	6	769-666/004-000	50
7	769-637/004-000	25	7	769-667/004-000	50
8	769-638/004-000	25	8	769-668/004-000	25
9	769-639/004-000	25	9	769-669/004-000	25
10	769-640/004-000	25	10	769-670/004-000	25
11	769-641/004-000	25	11	769-671/004-000	25
12	769-642/004-000	25	12	769-672/004-000	25
13	769-643/004-000	15	13	769-673/004-000	25
14	769-644/004-000	15	14	769-674/004-000	15
15	769-645/004-000	15	15	769-675/004-000	15



Male header and 1- and 2-conductor female plugs

Accessories

1-conductor female plug,

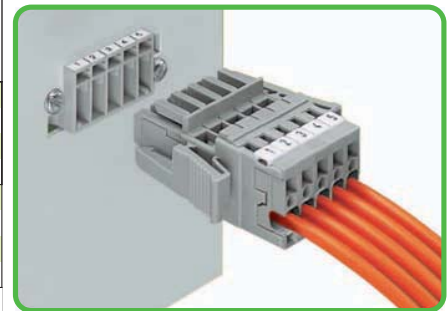
straight		
gray	769-102	100

1-conductor female plug,

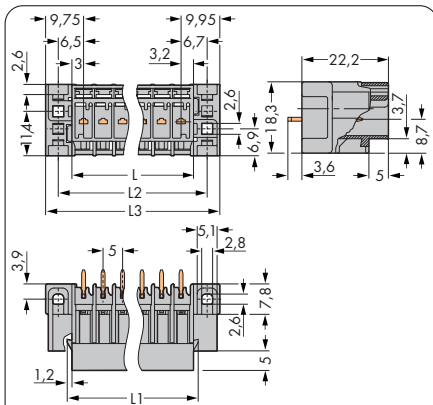
with lateral locking levers		
gray	769-102/021-000	50

Coding pin,

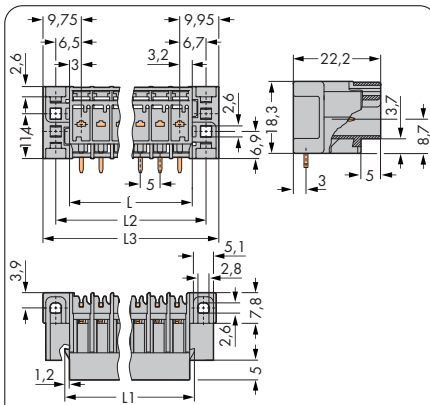
for coding female plugs		
orange	769-435	100 (4x25)



Male header and 1-conductor female plug with lateral locking levers



Dimensions in mm



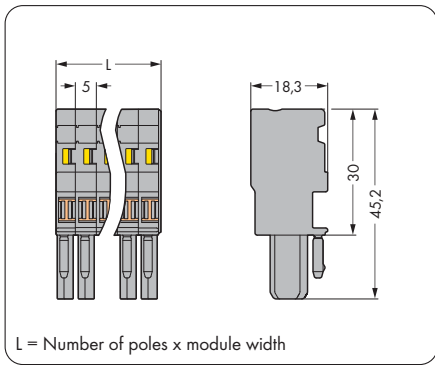
Dimensions in mm

0.08 - 4 mm² AWG 28 - 12
 500 V/6 kV/3 ① 600 V, 20 A ④
 I_N 32 A ② 300 V, 20 A ④
 module width 5 mm / 0.197 in
 8 - 9 mm / 0.33 in ③



- ① 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② See current-carrying capacity curve, pages 376 to 379 and at www.wago.com
- ③ Strip length, see packaging or instructions.
- ④ Item-no. suffix
blue .../000-006
green-yellow .../000-016
- ⑤ 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
- ⑥ See page 375

Pole No.	Item No.	Pack. Unit	Accessories
1-conductor female plug , for insertion into carrier terminal blocks or male connectors, with coding fingers, gray, commoning possible with miniature adjacent jumpers			Appropriate marking system: Miniature WSB (see Section 13)
①	769-101	200	Insulation stop , 5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "fs") white 769-470 200 (8x25)
②	769-102	100	Operating lever , loose, for female plugs and male connectors with CAGE CLAMP® 769-434 2000 (20x100)
③	769-103	50	Insulation stop , 5 pcs/strip, 0.25 - 0.5 mm ² light gray 769-471 200 (8x25)
④	769-104	50	Locking lever , female plugs with 1-pole gray 769-428 100 (4x25) orange 769-429 100 (4x25)
⑤	769-105	50	Insulation stop , 5 pcs/strip, 0.75 - 1 mm ² dark gray 769-472 200 (8x25)
⑥	769-106	25	Locking lever , female plugs with 2-poles or more orange 769-431 100 (4x25) gray 769-430 100
⑦	769-107	25	Miniature adjacent jumper , insulated, I _N 24 A gray 769-402 100 (4x25)
⑧	769-108	25	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)
⑨	769-109	25	Jumper cover , for 1-conductor female plugs, for 5 poles gray 769-436 100 (4x25)
⑩	769-110	25	Strain relief plate , gray 6- to 9-pole 769-413 100 (4x25) 10- to 15-pole 769-414 100 (4x25)
⑪	769-111	20	Protective warning marker , with high-voltage symbol, black, for 5 terminal blocks yellow 280-415 100 (4x25)
⑫	769-112	20	Snap-on type relief housing , consisting of strain relief support/housing 5-pole 769-1605 25
⑬	769-113	10	Miniature WSB Quick marking system , 10 strips with 10 markers per card, 5 mm wide markers plain 248-501 5
⑭	769-114	10	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
⑮	769-115	10	



X-COM®-SYSTEM

1-Conductor Female Plugs with Lateral Locking Levers

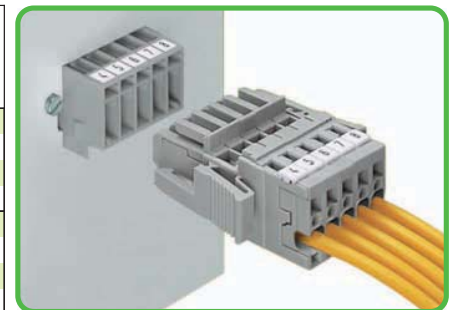
0.08 - 4 mm² AWG 28 - 12
 500 V/6 kV/3 ① 300 V, 20 A ②
 I_N 32 A ② 300 V, 20 A ②
 module width 5 mm / 0.197 in
 ③ 8 - 9 mm / 0.33 in ③



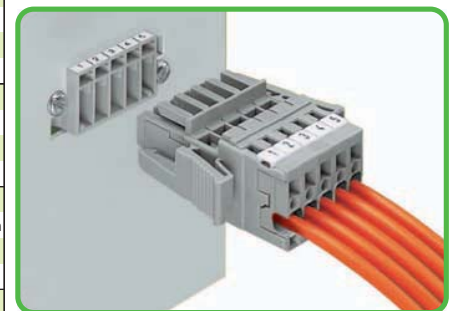
Jumper cover for 1-conductor female plugs

- ① 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② See current-carrying capacity curve, pages 376 to 379 and at www.wago.com
- ③ Strip length, see packaging or instructions.
- ④ See page 375

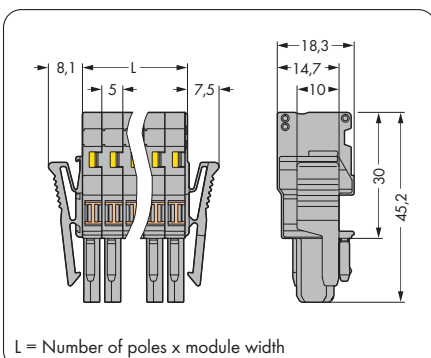
Pole No.	Item No.	Pack. Unit	Accessories
1-conductor female plug with lateral locking levers, with coding fingers, gray, commoning possible with miniature adjacent jumpers, only to be used with male connectors			Appropriate marking system: Miniature WSB (see Section 13)
2	769-102/021-000	50	Insulation stop, 5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st") white 769-470 200 (8x25)
3	769-103/021-000	25	Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm ² light gray 769-471 200 (8x25)
4	769-104/021-000	25	
5	769-105/021-000	25	Insulation stop, 5 pcs/strip, 0.75 - 1 mm ² dark gray 769-472 200 (8x25)
6	769-106/021-000	25	
7	769-107/021-000	25	Miniature adjacent jumper, insulated, I _N 24 A gray 769-402 100 (4x25)
8	769-108/021-000	20	
9	769-109/021-000	20	Jumper cover, for 1-conductor female plugs, for 5 poles gray 769-436 100 (4x25)
10	769-110/021-000	10	
11	769-111/021-000	10	Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks yellow 280-415 100 (4x25)
12	769-112/021-000	10	
13	769-113/021-000	10	Operating lever, loose, for female plugs and male connectors with CAGE CLAMP® 769-434 2000 (20x100)
14	769-114/021-000	10	
15	769-115/021-000	10	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 5-pole 769-1605 25



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



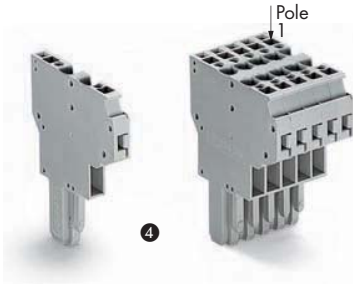
Male connector and 1-conductor female plug with lateral locking levers
















Dimensions in mm

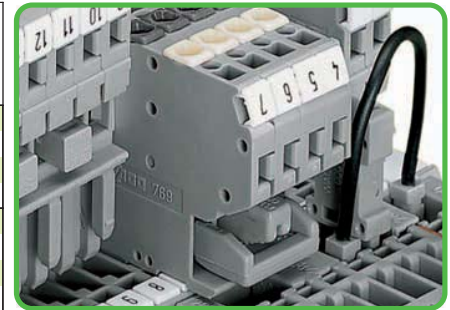
For list of approvals and user guide, see pages 634 to 637.

0.08 - 4 mm² AWG 28 - 12
 500 V/6 kV/3 ① 600 V, 20 A ②
 I_N 32 A ② 300 V, 20 A ③
 module width 5 mm / 0.197 in
 8 - 9 mm / 0.33 in ⑤



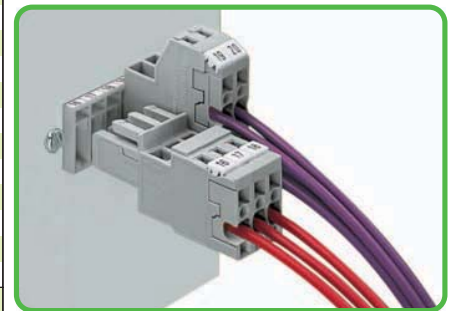
- ① 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② See current-carrying capacity curve at www.wago.com
- ③ Strip length, see packaging or instructions.
- ④ Item-no. suffix
blue .../000-006
green-yellow .../000-016
- ⑤ See application notes for:
Staggered jumper, page 201

Pole No.	Item No.	Pack. Unit	Accessories
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			Appropriate marking system: Miniature WSB (see Section 13)
Insulation stop ,  5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "fs#") white 769-470 200 (8x25)			
Insulation stop ,  5 pcs/strip, 0.25 - 0.5 mm ² light gray 769-471 200 (8x25)			
Insulation stop ,  5 pcs/strip, 0.75 - 1 mm ² dark gray 769-472 200 (8x25)			
Adjacent jumper, insulated ,  I _N = I _N terminal block gray 280-402 200 (8x25)			
Staggered jumper ,  ⑤ insulated, width 5 mm/0.197 in, I _N 24 A			
1	769-121	100	from 1 to 2 780-452 100 (4x25)
2	769-122	50	from 1 to 3 780-453 100 (4x25)
3	769-123	25	from 1 to 4 780-454 100 (4x25)
4	769-124	25	from 1 to 5 780-455 50 (2x25)
5	769-125	20	from 1 to 6 780-456 50 (2x25)
6	769-126	10	from 1 to 7 780-457 50 (2x25)
7	769-127	10	from 1 to 8 780-458 50 (2x25)
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	
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)			



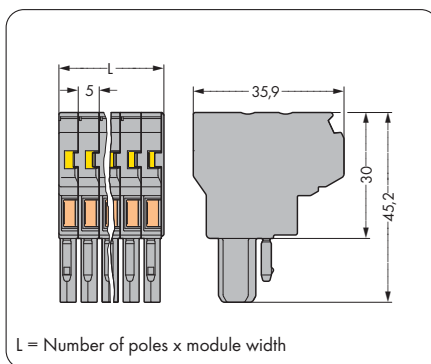
Commoning possibility of female plugs

- 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



Dimensions in mm

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

X-COM®-SYSTEM

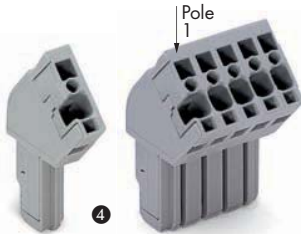
1-Conductor Female Plugs, Angled

CAGE CLAMP®

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0.08 - 4 mm² AWG 28 - 12
 500 V/6 kV/3 ① 600 V, 20 A ②
 I_N 32 A ② 300 V, 20 A ③
 module width 5 mm / 0.197 in
 8 - 9 mm / 0.33 in ③



- ① 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree

(also see Section 14)

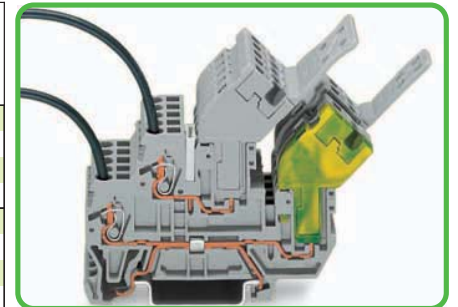
- ② See current-carrying capacity curve at www.wago.com

- ③ Strip length, see packaging or instructions.

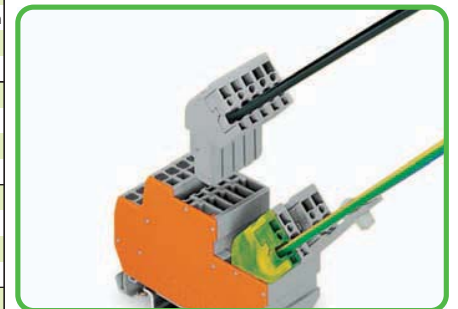
- ④ Item-no. suffix
blue ... /000-006
green-yellow ... /000-016

- ⑤ See page 375

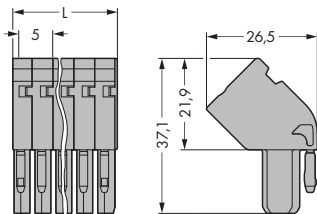
Pole No.	Item No.	Pack. Unit	Accessories
1-conductor female plug, angled, for insertion into carrier terminal blocks or male connectors, with coding fingers, gray			Appropriate marking system: Miniature WSB (see Section 13)
①	769-101/022-000	200	Insulation stop, 5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st") white 769-470 200 (8x25)
②	769-102/022-000	100	Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm ² light gray 769-471 200 (8x25)
③	769-103/022-000	50	Insulation stop, 5 pcs/strip, 0.75 - 1 mm ² dark gray 769-472 200 (8x25)
④	769-104/022-000	50	Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks yellow 280-415 100 (4x25)
⑤	769-105/022-000	50	Operating lever, loose, for female plugs and male connectors with CAGE CLAMP® 769-434 2000 (20x100)
⑥	769-106/022-000	25	Test plug, with 500 mm cable, 2 mm Ø red 210-136 50
⑦	769-107/022-000	25	Test plug, with 500 mm cable, 2.3 mm Ø yellow 210-137 50
⑧	769-108/022-000	25	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)
⑨	769-109/022-000	25	Strain relief plate, gray 6- to 9-pole 769-413 100 (4x25) 10- to 15-pole 769-414 100 (4x25)
⑩	769-110/022-000	25	Snap-on type relief housing, consisting of strain relief support/housing 5-pole 769-1605 25
⑪	769-111/022-000	20	Miniature WSB Quick marking system, 10 strips with 10 markers per card, 5 mm wide markers plain 248-501 5
⑫	769-112/022-000	20	
⑬	769-113/022-000	10	
⑭	769-114/022-000	10	
⑮	769-115/022-000	10	



Angled female plugs provide reduced installation height.



Angled female plugs installed on double-deck terminal block.



L = Number of poles x module width

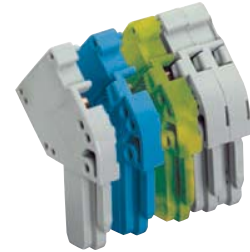
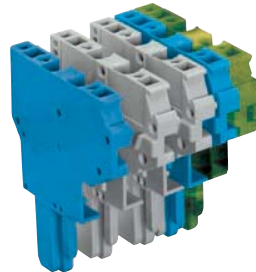
Dimensions in mm

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

X-COM®-SYSTEM

Female Plugs for Self-Assembly

0.08 - 4 mm ² AWG 28 - 12 500 V/6 kV/3 ① I _N 32 A ② module width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ③	0.08 - 4 mm ² AWG 28 - 12 500 V/6 kV/3 ① I _N 32 A ② module width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ③	0.08 - 4 mm ² AWG 28 - 12 500 V/6 kV/3 ① I _N 32 A ② module width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ③
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
1-conductor end module , with coding fingers, commoning possible with miniature adjacent jumpers		2-conductor end module , with coding fingers, commoning possible with adjacent jumpers and staggered jumpers		1-conductor end module , angled, with coding fingers	
gray 769-503	250	gray 769-506	250	gray 769-515	250
blue 769-503/000-006	250	blue 769-506/000-006	250	blue 769-515/000-006	250
green-yellow 769-503/000-016	250	green-yellow 769-506/000-016	250	green-yellow 769-515/000-016	250
1-conductor center module , with coding fingers, commoning possible with miniature adjacent jumpers		2-conductor center module , with coding fingers, commoning possible with adjacent jumpers and staggered jumpers		1-conductor center module , angled, with coding fingers	
gray 769-502	250	gray 769-505	250	gray 769-513	250
blue 769-502/000-006	250	blue 769-505/000-006	250	blue 769-513/000-006	250
green-yellow 769-502/000-016	250	green-yellow 769-505/000-016	250	green-yellow 769-513/000-016	250
1-conductor base module , with integrated end plate, with coding fingers, commoning possible with miniature adjacent jumpers		2-conductor base module , with integrated end plate, with coding fingers, commoning possible with adjacent jumpers and staggered jumpers		1-conductor base module , angled, with integrated end plate, with coding fingers	
gray 769-501	250	gray 769-504	250	gray 769-512	250
blue 769-501/000-006	250	blue 769-504/000-006	250	blue 769-512/000-006	250
green-yellow 769-501/000-016	250	green-yellow 769-504/000-016	250	green-yellow 769-512/000-016	250
Item-Specific Accessories			Item-Specific Accessories		
Miniature adjacent jumper , insulated, I _N 24 A			Adjacent jumper , insulated, I _N = I _N terminal block		
gray 769-402	100 (4x25)	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 mm ² "s" (0.14 mm ² "f-st") white 769-470 200 (8x25)	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)
Insulation stop , 5 pcs/strip, 0.25 - 0.5 mm ² light gray 769-471 200 (8x25)	Test plug , with 500 mm cable, 2 mm Ø red 210-136 50	Strain relief plate , gray 6- to 9-pole 769-413 100 (4x25) 10- to 15-pole 769-414 100 (4x25)
Insulation stop , 5 pcs/strip, 0.75 - 1 mm ² dark gray 769-472 200 (8x25)	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)	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)	Miniature WSB Quick marking system , 10 strips with 10 markers per card, 5 mm wide markers plain 248-501 5	

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.

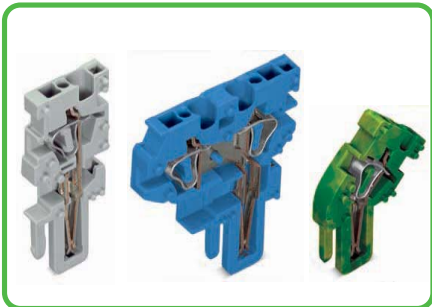
Intended use:

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

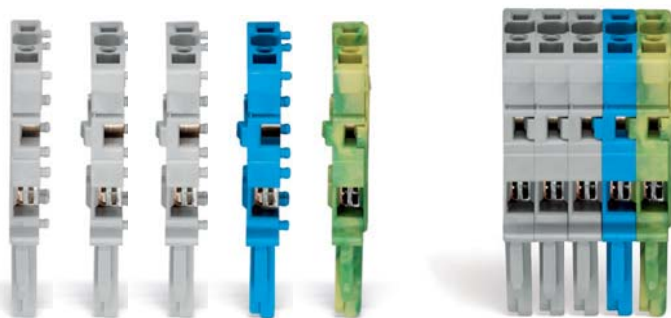


Center module



Base module

Example: 5-Pole, 1-Conductor Female Plug



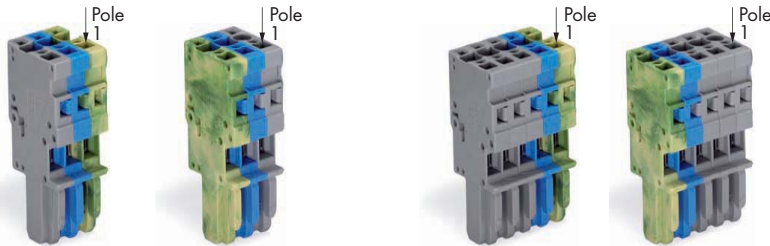
Base module with integrated end plate
769-501/000-016

Center module
769-502/000-006

Center modules
769-502

End module
769-503

0.08 - 4 mm ² AWG 28 - 12 500 V/6 kV/3 ① I _N 32 A ② module width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ③	0.08 - 4 mm ² AWG 28 - 12 500 V/6 kV/3 ① I _N 32 A ② module width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ③
---	---



- 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.

Pole No.	Item No.	Pack. Unit	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			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	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			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	5	769-105/000-039	50

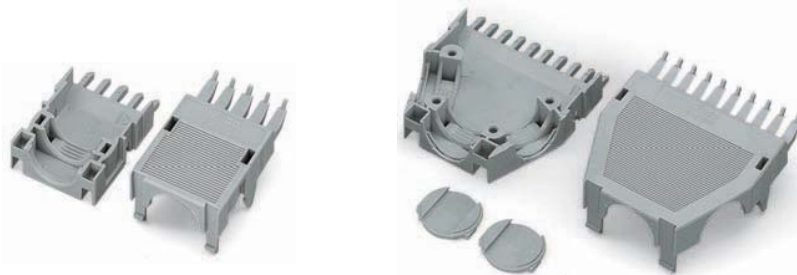
Accessories for 1-Conductor Female Plugs

Appropriate marking system:
Miniature WSB (see Section 13)

Insulation stop, 5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st") white 769-470 200 (8x25)	Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks yellow 280-415 100 (4x25)
Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm ² light gray 769-471 200 (8x25)	Strain relief plate, gray 2- to 3-pole 769-411 100 (4x25)
Insulation stop, 5 pcs/strip, 0.75 - 1 mm ² dark gray 769-472 200 (8x25)	Strain relief plate, gray 4- to 5-pole 769-412 100 (4x25)
Miniature adjacent jumper, insulated, I _N 24 A gray 769-402 100 (4x25)	Snap-on type relief housing, consisting of strain relief support/housing 3-pole 769-1603 25
Locking lever, female plugs with 1-pole gray 769-428 100 (4x25) orange 769-429 100 (4x25)	Snap-on type relief housing, consisting of strain relief support/housing 5-pole 769-1605 25
Locking lever, female plugs with 2-poles or more orange 769-431 100 (4x25) gray 769-430 100	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	Miniature WSB Quick marking system, 10 strips with 10 markers per card, 5 mm wide markers plain 248-501 5
Test plug, with 500 mm cable, 2.3 mm Ø yellow 210-137 50	

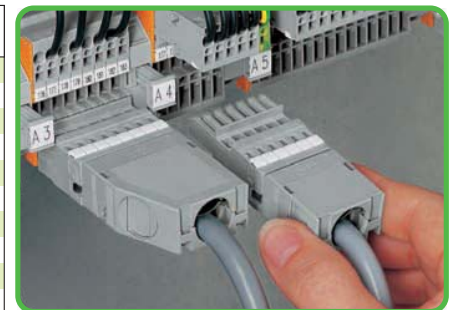
Snap-on Type Strain Relief Housings for 769 Series Female Plugs and Male Connectors with CAGE CLAMP® Connection

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



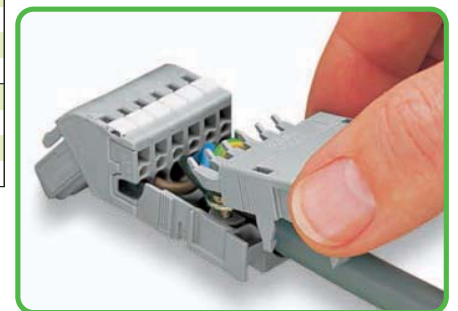
- ❶ 1 cable outlet rear, 2- to 5-pole only suitable for cable ties (Fa. Hellermann – not offered by WAGO) not for cable clamp
- ❷ 1 cable outlet rear
- ❸ 2 cable outlets, 1 cover
- ❹ 3 cable outlets, 2 covers

Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
Snap-on type relief housing , consisting of strain relief support/housing, gray			Snap-on type relief housing , consisting of strain relief support/housing, gray		
❶ 2	769-1602	❶ 25	❶ 6	769-1606	❷ 25
❶ 3	769-1603	❶ 25	❶ 7	769-1607	❷ 25
❶ 4	769-1604	❶ 25	❶ 8	769-1608	❸ 25
❶ 5	769-1605	❶ 25	❶ 9	769-1609	❸ 25
			❶ 10	769-1610	❹ 25
			❶ 11	769-1611	❹ 25
			❶ 12	769-1612	❹ 25
			❶ 13	769-1613	❹ 25
			❶ 14	769-1614	❹ 25
			❶ 15	769-1615	❹ 25



Application

Item-Specific Accessories			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			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