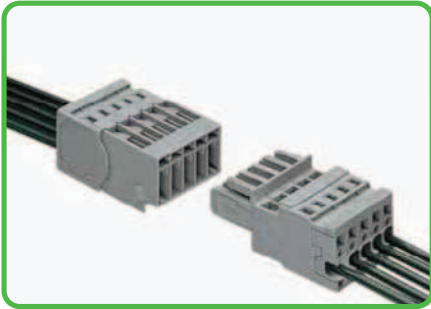
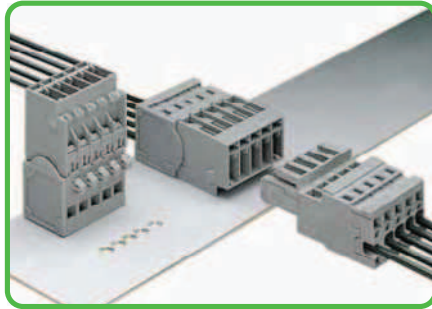


7 X-COM®-SYSTEM Male Headers and Male Connectors, 769 Series

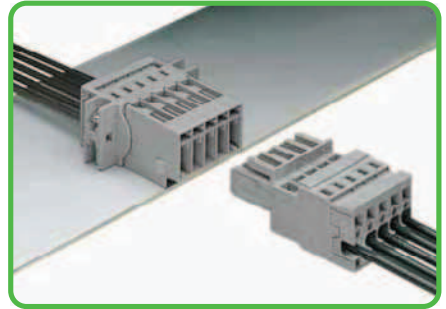
358



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



Male connector with CAGE CLAMP® connection and mounting feet.
1-conductor female plug, straight.



Male connector with CAGE CLAMP® connection and fixing flanges.
1-conductor female plug, straight.

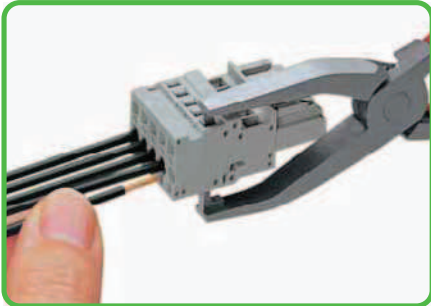
Male connector with snap-in flanges



Snap-in mounting without tools.

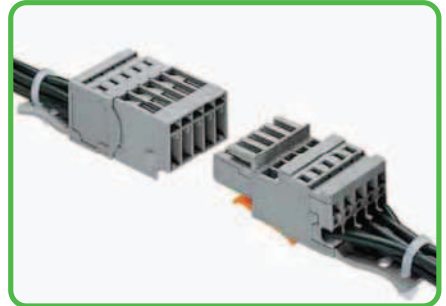


Operating tool



Conductor termination - side-entry wiring (example shows a female plug).

Strain relief plates

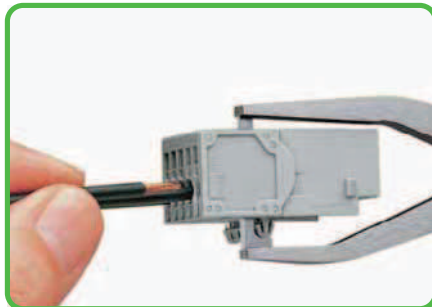


Can be snapped in male connector and female plug.

Operating tool



Conductor termination with operating tool (example shows a male connector).



Can also be used with male connectors with snap-in mounting feet.

Marking



Female connector with CAGE CLAMP® with miniature WSB quick marking system



CAGE CLAMP®
clamps the following
copper conductors:*
solid



stranded

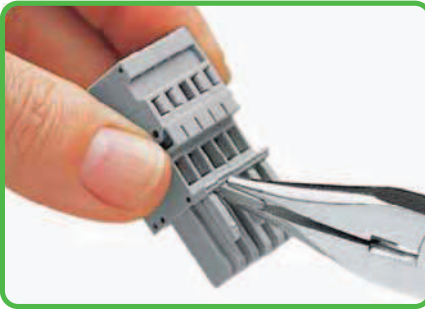


fine-stranded,
also with tinned
single strands

* For aluminum conductors, see notes in Section 14.

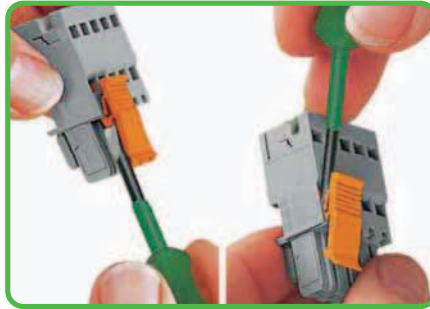
- Description and Handling -

Coding



Coding a female plug - removal of coding finger(s). Do not break off the first and last latch position coding fingers!

Locking lever



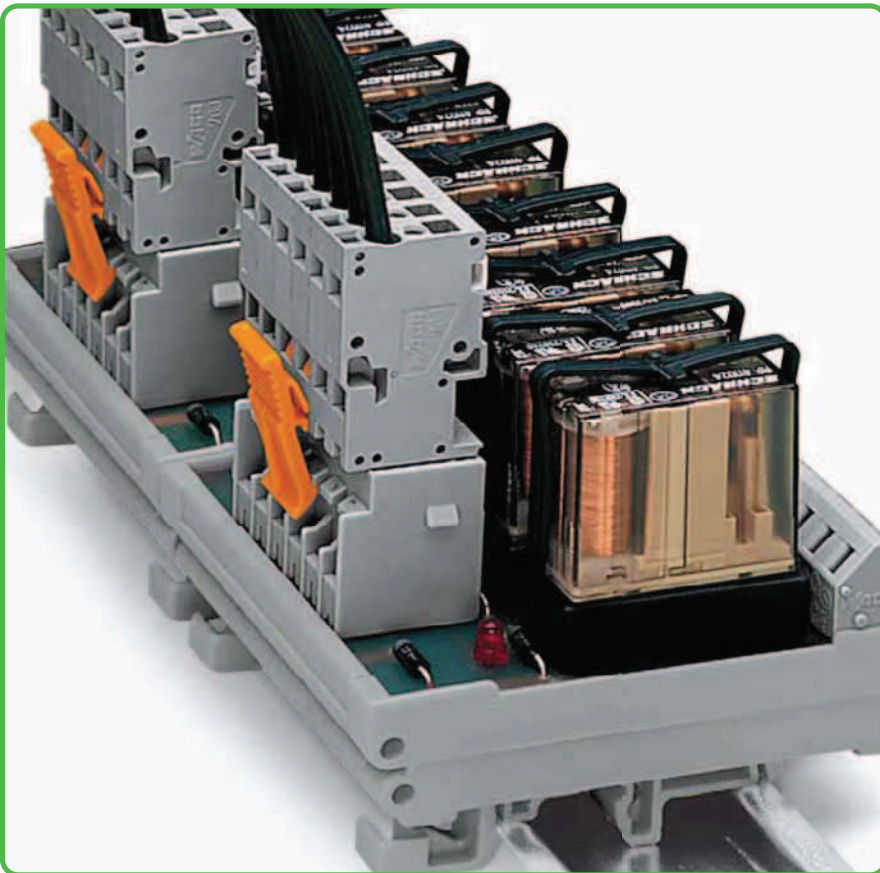
Snapping in/removal of locking lever.

Commoning

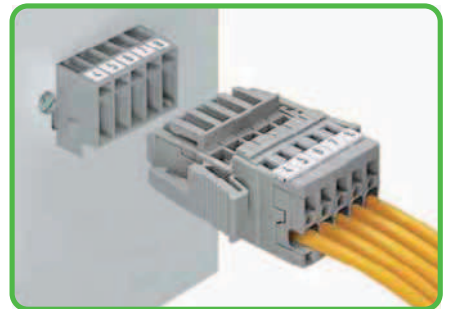


Commoning 1-conductor female plugs with miniature adjacent jumpers.

Note: Connectors used according to the regulations shall not be connected or disconnected when live or under load.



Plugging a female connector

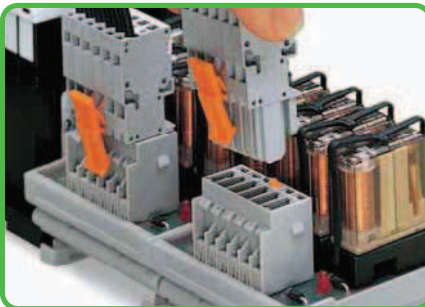


Male header and 1-conductor female plug with lateral locking levers.

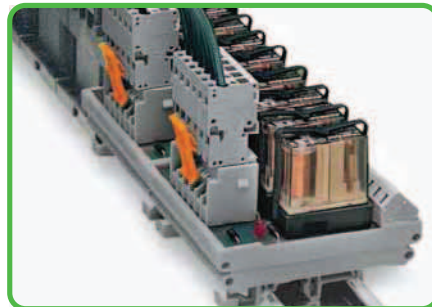


Male headers with solder pins for printed circuit boards.

Pluggable PCB connection



Connection to a relay module inside the switchgear cabinet.



Application example showing a relay module: Male headers with straight solder pins and 1-conductor female plugs.



Male headers with solder pins: Integration of PCB sub-assemblies into the system wiring.



fine-stranded, tip-bonded



fine-stranded, with ferrule ① (gastight crimped)





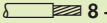
fine-stranded, with pin terminal (gastight crimped)



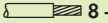
① When using ferrules, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.



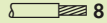
X-COM®-SYSTEM

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)								

