ELECTRICAL INTERCONNECTIONS

Electrical Interconnections

Supplementary Catalog to
Full Line Catalogs, Volumes 1/2/5
Edition 2012/1

1/2/5

WAGO®
INNOVATIVE CONNECTIONS

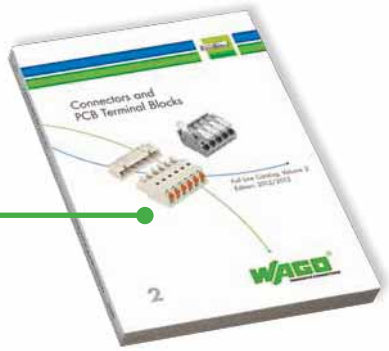
The new items in this catalog supplement products found in the following main catalogs

N 1/2/5



Volume 5

WINSTA® - The Connection System



Volume 2

Connectors and PCB Terminal Blocks



Volume 1

Rail-Mounted Terminal Block Systems

CONTENTS



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Item Numbers 78 – 79

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Volume 1



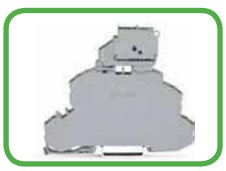
TOPJOB®S
Multilevel Installation Terminal Blocks 2.5 mm² 2003 Series 04



TOPJOB®S
Double-Deck Terminal Blocks 2.5 mm² 2002 Series 06



TOPJOB®S
Double-Deck Disconnect Terminal Blocks and
Double-Deck Carrier Terminal Blocks 2.5 mm² 2002 Series 08



TOPJOB®S
Double-Deck Fuse Disconnect
Terminal Blocks 2.5 mm² 2002 Series 09

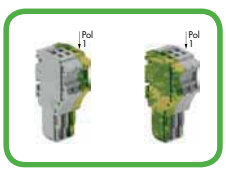


TOPJOB®S
Disconnect Terminal Blocks for Test and Measurement,
Through and Ground Terminal Blocks
for Current and Voltage Transformer Circuits
6 mm² 2007 Series 10



TOPJOB®S
Disconnect Terminal Blocks for Test and Measurement,
Through and Carrier Terminal Blocks 6 mm² 2006 Series 12

Disconnect Plug for Carrier Terminal Blocks 2.006 Series 13



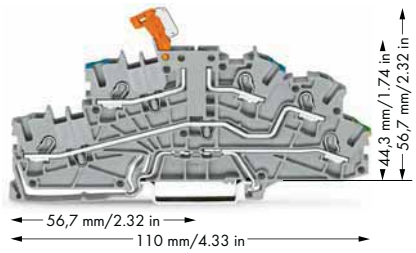
X-COM®S-SYSTEM-MINI
Pre-Assembled Female Plugs 1 mm² 2020 Series 14 – 15

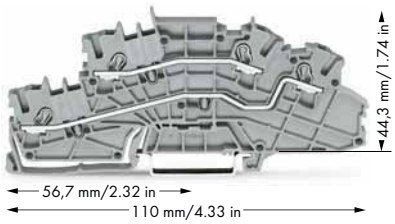


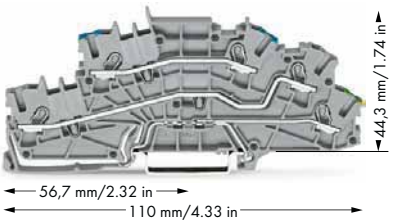
Vario-T-BOXX und Variobox 887 Series 16

TOPJOB®S
Multilevel Installation Terminal Blocks 2.5 (4) mm²
2003 Series

0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 250 V/4 kV/3; 20 A (25 A) ❷ ❸ 400 V/6 kV/3; 20 A (25 A) ❷ ❹ Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ❺	0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 400 V/6 kV/3 ❷ I_N 24 A (28 A) Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ❺	0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 250 V/4 kV/3; 24 A (28 A) ❷ ❸ 400 V/6 kV/3; 24 A (28 A) ❷ ❹ Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ❺







Item No.		Pack. Unit
Multilevel installation terminal block,		
with movable knife disconnect, gray		
◯ NT/L/PE	**2003-6641**	50
Item-Specific Accessories		
Test plug adapter N/L, for vertical test slot, gray		
2-pole	**2003-499**	1
Test plug adapter N, for vertical test slot, gray		
1-pole	**2003-500**	1

Item No.		Pack. Unit
Multilevel installation terminal block,		
gray		
◯ L/L	**2003-6642**	50
◯ N/L	**2003-6649**	50

Item No.		Pack. Unit
Multilevel installation terminal block,		
gray		
◯ N/L/PE	**2003-6646**	50
◯ L/L/PE	**2003-6645**	50

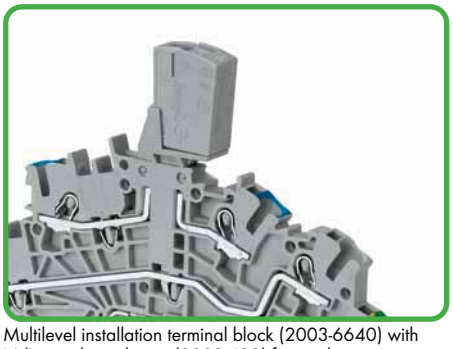




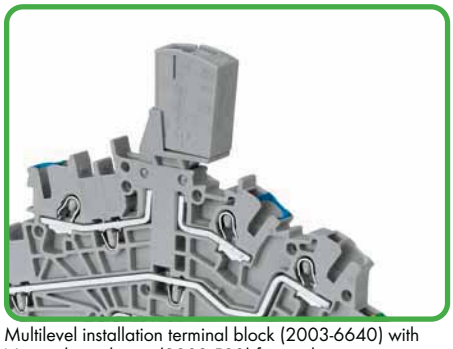
Item No.		Pack. Unit
Multilevel installation terminal block,		
carrier terminal block without knife disconnect, gray		
Maximum current depends on accessories used.		
◯ N/L/PE	**2003-6640**	50
Black upper-deck, brown middle-deck, green-yellow lower-deck printing		
◯	**2003-6643**	50
Item-Specific Accessories		
Test plug adapter N/L, for vertical test slot, gray		
2-pole	**2003-499**	1
Test plug adapter N, for vertical test slot, gray		
1-pole	**2003-500**	1

Item No.		Pack. Unit
Multilevel installation terminal block,		
gray		
◯ L	**2003-6650**	50
◯ N	**2003-6651**	50

Accessories for Multilevel Installation Terminal Blocks



Multilevel installation terminal block (2003-6640) with N/L test plug adapter (2003-499) for insulation resistance measurement with connected N and L potentials



Multilevel installation terminal block (2003-6640) with N test plug adapter (2003-500) for insulation resistance measurement of N potential

Available:
June 2012

❶ Conductor sizes: 0.25 mm² – 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² – 4 mm² "s" and 0.75 mm² – 2.5 mm² "insulated ferrules, 12 mm"

❷ 250 V/ 400 V = rated voltage
4 kV/ 6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ 250 V/4 kV potential-ground

❹ 400 V/6 kV potential-potential

❺ Strip length, see packaging or instructions.

Accessories Multilevel Installation Terminal Block

Push-in type jumper bars and staggered jumpers, see 2002 Series

End and intermediate plate,
0.8 mm thick
gray **2003-6692** 100 (4x25)

Adjacent jumper for continuous commoning, insulated,
I_N 25 A,
light gray
2-way **2002-400** 100 (4x25)

Busbar carrier, 100 (4x25)
not suitable as end stop,
for DIN 35 rail,
1.5 mm thick
blue **2009-304**

Busbar carrier,
can replace end bracket, with detachable separator plate,
for DIN 35 rail, 25
7.5 mm thick
blue **2009-305**

Push-in type jumper bar, insulated,
I_N 25 A,
light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type jumper bar, insulated,
I_N 25 A,
light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Operating tool,
3.5 mm and 2.5 mm blade,
for TOPJOB®S installation terminal blocks
2009-309 50

Insulation stop,
5 pcs/strip,
0.25 - 0.5 mm²
light gray **2002-171** 200 (8x25)

Insulation stop,
5 pcs/strip,
0.75 - 1 mm²
dark gray **2002-172** 200 (8x25)

Staggered jumper,
insulated,
I_N 25 A,
light gray

2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Push-in type wire jumper,
insulated,
I_N 16 A,
wire size 1.5 mm²

L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

WMB Multi marking system,
10 strips with 10 markers per card,
stretchable 5 - 5.2 mm
plain **793-5501** 5

WMB Inline, plain,
stretchable 5 - 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white **2009-115** 1

Marking strip, plain,
11 mm wide,
50 m roll
white **2009-110** 1

Operating tool,
3.5 mm and 5.5 mm blade,
for TOPJOB®S installation terminal blocks
2009-310 50



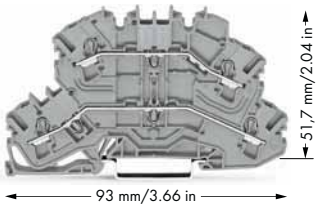
Multilevel installation terminal block (2003-6641) with N/L test plug adapter (2003-499) for insulation resistance measurement with connected N and L potentials



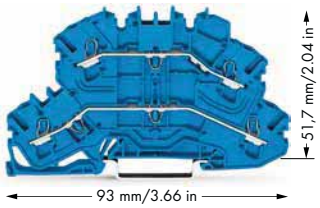
Multilevel installation terminal block (2003-6641) with N test plug adapter (2003-500) for insulation resistance measurement of N potential

TOPJOB®S
Double-Deck Terminal Blocks 2.5 (4) mm²
2002 Series

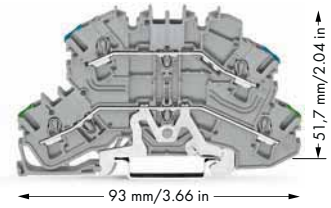
0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 **500 V/6 kV/3 ❷** **I_N 24 A (28 A)** **Terminal block width 5.2 mm / 0.205 in** **10 - 12 mm / 0.43 in ❸**	**0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12** **500 V/6 kV/3 ❷** **I_N 24 A (28 A)** **Terminal block width 5.2 mm / 0.205 in** **10 - 12 mm / 0.43 in ❸**	**0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12** **500 V/6 kV/3 ❷** **I_N 24 A (28 A)** **Terminal block width 5.2 mm / 0.205 in** **10 - 12 mm / 0.43 in ❸**



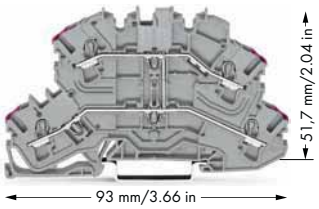
	Item No.	Pack. Unit
Through/through terminal block,		
same profile as double-deck disconnect terminal block		
without marker carrier,		
gray housing		
◯ L/L	**2002-2601**	50
◯ N/L	**2002-2602**	50
◯ L/N	**2002-2603**	50
Other terminal blocks with the same profile:		
Carrier	**2002-2661**	
Disconnect	**2002-2671**	



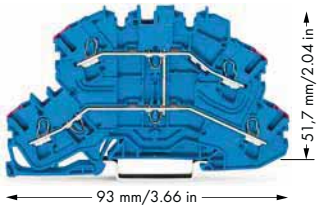
	Item No.	Pack. Unit
Through/through terminal block,		
same profile as double-deck disconnect terminal block		
without marker carrier,		
blue housing		
◯ N/N	**2002-2604 ❹**	50



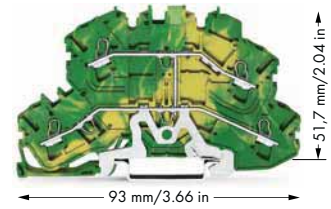
	Item No.	Pack. Unit
Ground conductor/through terminal block,		
same profile as double-deck disconnect terminal block		
without marker carrier,		
gray housing		
◯ PE/N	**2002-2647**	50
◯ PE/L	**2002-2657**	50



	Item No.	Pack. Unit
4-conductor through terminal block,		
same profile as double-deck disconnect terminal block,		
without marker carrier, internal commoning, conductor		
entry position colored in violet,		
gray housing		
◯ L	**2002-2608**	50



	Item No.	Pack. Unit
4-conductor through terminal block,		
same profile as double-deck disconnect terminal block,		
without marker carrier, internal commoning, conductor		
entry position colored in violet,		
blue housing		
◯ N	**2002-2609 ❹**	50



	Item No.	Pack. Unit
Through/through terminal block,		
same profile as double-deck disconnect terminal block		
without marker carrier, internal commoning,		
green-yellow housing		
◯ PE	**2002-2607**	50

Available:
August 2012

❶ Conductor sizes: 0.25 mm² – 4 mm² "s + f-st";
Push-in conductor sizes: 0.75 mm² – 4 mm² "s"
and 0.75 mm² – 2.5 mm²
"insulated ferrule, 12 mm"

❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ Suitable for Ex i applications – noch klären

❺ See application notes in Full Line Catalog, Volume 1, for:
Colored push-in type jumper bars, page 139
Vertical jumper, page 142

2002 Series Accessories

Appropriate marking systems: WMB/Marking strips/WMB Inline

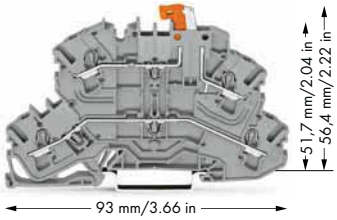
End and intermediate plate,			
	1 mm thick		
	gray	**2002-2692**	1
	gray	**2002-2691**	1
Double-deck marker carrier,			
	pivoting		
	gray	**2002-121**	50 (2x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 - 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.75 - 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated,			
❺ 	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Double-deck vertical jumper, insulated,			
❺	I_N 24 A		
	light gray	**2002-492**	100 (4x25)

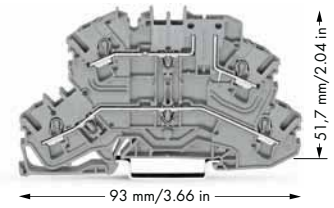
TOPJOB®S
Double-Deck Disconnect Terminal Blocks and Carrier Terminal Blocks
2.5 (4) mm², 2002 Series

CAGE CLAMP®S

0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 **400 V/6 kV/3 ❷** **I_N 16 A** **Terminal block width 5.2 mm / 0.205 in** **10 - 12 mm / 0.43 in ❸**	**0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12** **400 V/6 kV/3 ❷** **I_N 16 A** **Terminal block width 5.2 mm / 0.205 in** **10 - 12 mm / 0.43 in ❸**

Available:
August 2012





❶ Conductor sizes: 0.25 mm² – 4 mm² "s + f-st";
Push-in conductor sizes: 0.75 mm² – 4 mm² "s"
and 0.75 mm² – 2.5 mm²
"insulated ferrule, 12 mm"

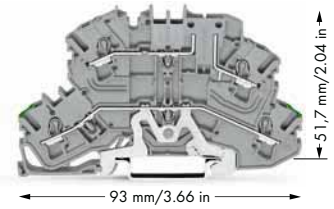
❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ See application notes in Full Line Catalog, Volume 1, for:
Colored push-in type jumper bars, page 139
Vertical jumper, page 142

	Item No.	Pack. Unit
Double-deck disconnect terminal block,		
with movable knife disconnect,		
gray housing		
◯ L/L	**2002-2671**	50
◯ N/L	**2002-2672**	50

	Item No.	Pack. Unit
Double-deck carrier terminal block,		
upper deck carrier,		
gray housing		
◯ L/L	**2002-2661**	50
◯ N/L	**2002-2662**	50



	Item No.	Pack. Unit
Double-deck carrier terminal block,		
upper deck carrier,		
gray housing		
◯ PE/L	**2002-2667**	50

2002 Series Accessories

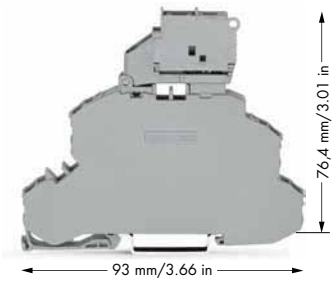
Appropriate marking systems: WMB/Marking strips/WMB Inline

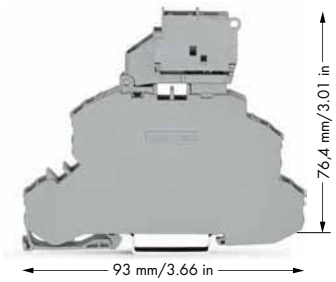
End and intermediate plate,			
	1 mm thick		
	gray	**2002-2692**	1
	gray	**2002-2691**	1
Double-deck marker carrier,			
	pivoting		
	gray	**2002-121**	50 (2x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 - 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.75 - 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated,			
❹	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Double-deck vertical jumper, insulated,			
❹	I_N 24 A		
	light gray	**2002-492**	100 (4x25)

TOPJOB®S
Double-Deck Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder 2.5 (4) mm², 2002 Series

0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 **400 V/6 kV/3 ❷** **I_N 16 A** **Terminal block width 6.2 mm / 0.244 in** **10 - 12 mm / 0.43 in ❸**	**0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12** **400 V/6 kV/3 ❷** **I_N 16 A** **Terminal block width 6.2 mm / 0.244 in** **10 - 12 mm / 0.43 in ❸**

Available:
August 2012





❶ Conductor sizes: 0.25 mm² – 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² – 4 mm² "s" and 0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"

❷ 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❺ See application notes in Full Line Catalog, Volume 1, for:
Vertical jumper, page 142

	Item No.	Pack. Unit
Double-deck fuse disconnect terminal block with pivoting fuse holder,		
Through/fuse terminal block,		
for miniature metric fuses 5 x 20 mm,		
without blown fuse indication		
Nominal voltage and current are given by the fuse.		
◯ L/L	**2002-2611**	25
◯ N/L	**2002-2612**	25

	Item No.	Pack. Unit
Double-deck fuse disconnect terminal block with pivoting fuse holder,		
Through/fuse terminal block,		
for miniature metric fuses 5 x 20 mm,		
with blown fuse indication by LED, gray		
Nominal voltage and current are given by the LED or fuse.		
Leakage current in case of blown fuse: LED 2mA		
◯ 12 - 30 V	**2002-2611/1000-541**	25
◯ 30 - 65 V	**2002-2611/1000-542**	25
◯ 230 V	**2002-2611/1000-836**	25

Protective warning marker and insulation stop must be applied individually. Due to the 6.2 mm/0.244 in width of the fuse terminal blocks with pivoting fuse holder, 2004 Series jumpers must be used.

2002 Series Accessories

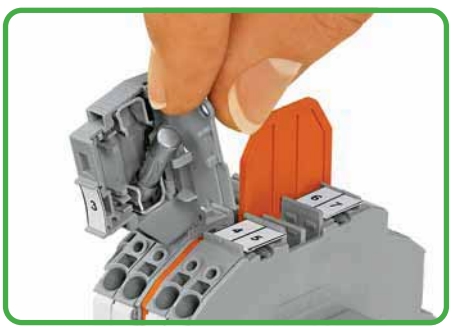
Appropriate marking systems: WMB/Marking strips
(see Full Line Catalog, Volume 1, Section 13)

End and intermediate plate,			
1 mm thick			
gray	**2002-2692**		1
gray	**2002-2691**		1
Push-in type jumper bar, insulated,			
I_N 32 A,			
light gray			
2-way	**2004-402**	200	(8x25)
3-way	**2004-403**	200	(8x25)
4-way	**2004-404**	100	(4x25)
5-way	**2004-405**	100	(4x25)
6-way	**2004-406**	100	(4x25)
7-way	**2004-407**	100	(4x25)
8-way	**2004-408**	100	(4x25)
9-way	**2004-409**	100	(4x25)
10-way	**2004-410**	100	(4x25)
Push-in type jumper bar, insulated,			
❹ I_N 32 A,			
light gray			
from 1 to 3	**2004-433**	200	(8x25)
from 1 to 4	**2004-434**	200	(8x25)
from 1 to 5	**2004-435**	100	(4x25)
from 1 to 6	**2004-436**	100	(4x25)
from 1 to 7	**2004-437**	100	(4x25)
from 1 to 8	**2004-438**	100	(4x25)
from 1 to 9	**2004-439**	100	(4x25)
from 1 to 10	**2004-440**	100	(4x25)
Double-deck vertical jumper, insulated,			
❹ I_N 24 A			
light gray	**2002-492**	100	(4x25)

End plate for fuse terminal blocks,			
2 mm thick			
gray	**2002-1092**	100	(4x25)
gray	**2009-1091**	100	(4x25)
Insulation stop,			
5 pcs/strip,			
0.25 - 0.5 mm²			
light gray	**2002-171**	200	(8x25)
Insulation stop,			
5 pcs/strip,			
0.75 - 1 mm²			
dark gray	**2002-172**	200	(8x25)
Protective warning marker,			
with high-voltage symbol, black,			
for 5 terminal blocks			
yellow	**2002-115**	100	(4x25)
Marking strip, plain,			
11 mm wide,			
50 m roll			
white	**2009-110**		1



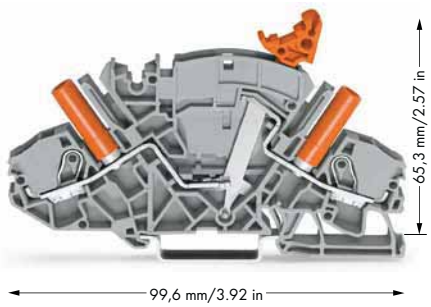
Pivoting the fuse holder in the locked open position.

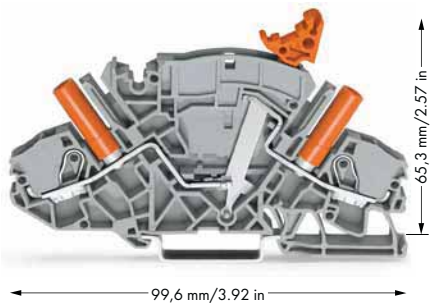


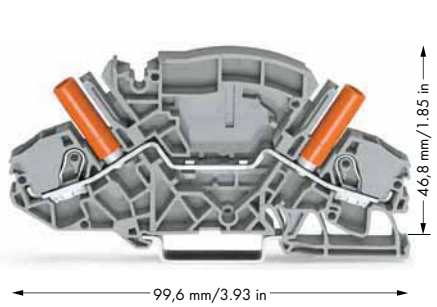
Fuse replacement

TOPJOB®S
Disconnect Terminal Blocks for Test and Measurement, 6 mm²/30 A, for Current and Voltage Transformer Circuits, 2006 Series

0.5 - 6 (10) mm² ❶ | AWG 20 - 8 **500 V/6 kV/3 ❷** **I_N 30 A** **Terminal block width 8 mm / 0.315 in** **13 - 15 mm / 0.55 in ❸**	**0.5 - 6 (10) mm² ❶ | AWG 20 - 8** **500 V/6 kV/3 ❷** **I_N 30 A** **Terminal block width 8 mm / 0.315 in** **13 - 15 mm / 0.55 in ❸**	**0.5 - 6 (10) mm² ❶ | AWG 20 - 8** **500 V/6 kV/3 ❷** **I_N 30 A** **Terminal block width 8 mm / 0.315 in** **13 - 15 mm / 0.55 in ❸**







Item No.	Pack. Unit
2-conductor disconnect terminal block for test and measurement, e.g., current and voltage transformer circuits, with touch-proof test sockets, for 4 mm Ø test plug	
◯ gray **2007-8821**	20

Item No.	Pack. Unit
2-conductor disconnect terminal block, with touch-proof test sockets, for 4 mm Ø test plug	
◯ gray **2007-8811**	20

Item No.	Pack. Unit
2-conductor through terminal block, with touch-proof test socket, for 4 mm Ø test plug	
◯ gray **2007-8801**	20

2006 Series Accessories

Appropriate marking systems: WMB/Marking strips
(see Full Line Catalog, Volume 1, Section 13)

End and separator plate, 1.5 mm thick,



without use of lock-out seal

orange	**2007-8892**	1
gray	**2007-8891**	1

End and separator plate, 1.5 mm thick,



for use of lock-out seal

orange	**2007-8894**	1
gray	**2007-8893**	1

Lock-out,



for disconnect link

yellow	**2007-8899**	1

Locking cover, transparent,



mechanically locks multiple links

1-pole	**282-881**	50 (5x10)
2-pole	**282-882**	50 (5x10)
3-pole	**282-883**	50 (5x10)
4-pole	**282-884**	50 (5x10)
5-pole	**282-885**	50 (5x10)
6-pole	**282-886**	50 (5x10)
7-pole	**282-887**	50 (5x10)
8-pole	**282-888**	50 (5x10)

Interlocking link,



mechanically locks multiple links,
1 m/3'3" long

transparent	**210-254**	1

Protective warning marker,



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

yellow	**2006-115**	100 (4x25)

Adjacent jumper for switch lever, insulated, orange,



I_N 30 A

2-way	**2007-8442**	1
3-way	**2007-8443**	1
4-way	**2007-8444**	1
5-way	**2007-8445**	1
6-way	**2007-8446**	1
7-way	**2007-8447**	1
8-way	**2007-8448**	1

Jumper, insulated,



I_N 30 A,
orange

2-way	**282-432**	50 (5x10)
3-way	**282-433**	50 (5x10)
4-way	**282-434**	50 (5x10)
5-way	**282-435**	50 (5x10)
6-way	**282-436**	50 (5x10)
7-way	**282-437**	50 (5x10)
8-way	**282-438**	50 (5x10)
9-way	**282-439**	50 (5x10)
10-way	**282-440**	50 (5x10)

Jumper with safety lid, insulated,



I_N 30 A,
orange

2-way	**282-432/100-000**
3-way	**282-433/100-000**
4-way	**282-434/100-000**

50 (5x10)

Jumper, special design,



I_N 30 A,
orange

1-3-5	**282-435/011-000**
1-3-5-7	**282-437/011-000**

50 (5x10)

WMB Multi marking system,

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

plain	**793-501**	5

WMB Multi marking system, plain,



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

yellow	**793-501/000-002**	
red	**793-501/000-005**	
blue	**793-501/000-006**	
gray	**793-501/000-007**	
orange	**793-501/000-012**	
light green	**793-501/000-017**	
green	**793-501/000-023**	
violet	**793-501/000-024**	
		5

WMB Multi marking system,



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

k/l (50x)	**794-5553/000-002**	
		5

WMB Multi marking system,



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

U/V (50x)	**794-5554/000-006**	
		5

Marking strip, plain,

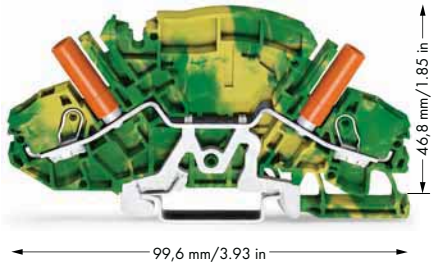


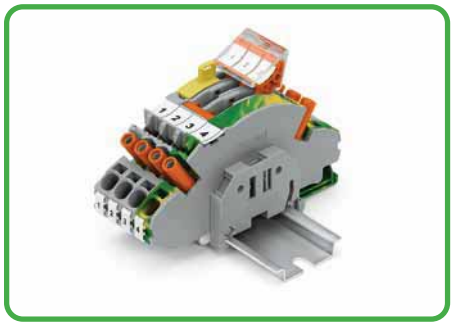
11 mm wide,
50 m roll

white	**2009-110**	1

0.5 - 6 (10) mm² | **AWG 20 - 8**

Terminal block width 8 mm / 0.315 in
13 - 15 mm / 0.55 in





Integrated test sockets for touchproof 4 mm Ø test plugs.

Available:
July 2012

❶ Conductor sizes: 0.5 mm² – 10 mm² "s + f-st"; Push-in conductor sizes: 1 mm² – 10 mm² "s" and 1.5 mm² – 6 mm² "insulated ferrule, 12 mm"

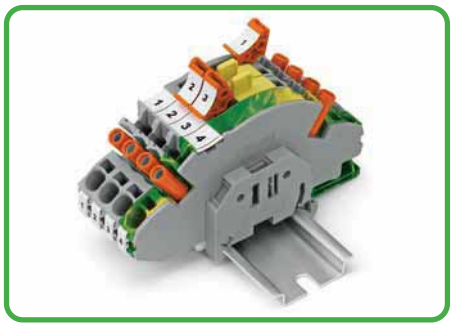
❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

	Item No.	Pack. Unit
2-conductor ground terminal block,		
with touch-proof test socket,		
for 4 mm Ø test plug		
◯ green-yellow	**2007-8807**	20



Lock-out prevents accidental operation of disconnect link.



Lock-out has "snap" action into two notched positions.



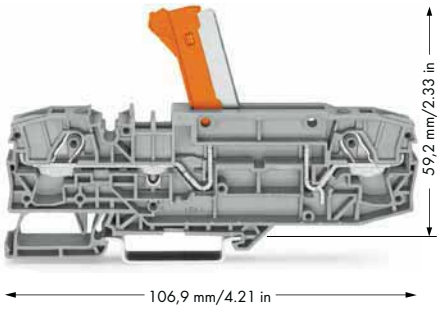
Marking via WMB Multi markers or marking strips.

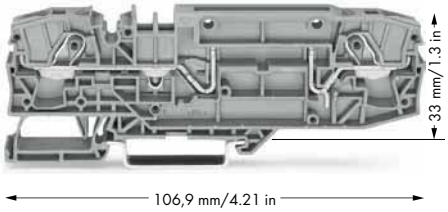


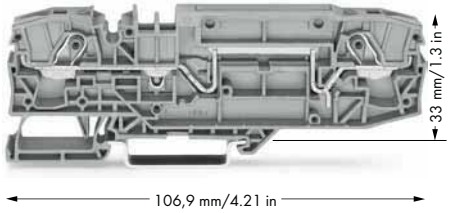
Multipole switching via snap-on type, transparent (locking) cover for disconnect links.

TOPJOB®S
Disconnect Terminal Blocks for Test and Measurement 1500 VDC, Carrier/ Through Terminal Blocks of Same Profile 6 (10) mm²/30 A, 2006 Series

0.5 - 6 (10) mm² ❶ | AWG 20 - 8 **AC/DC 1000 V/ DC 1500 V/12 kV/3 ❷** **I_N 30 A** **Terminal block width 15 mm / 0.591 in** **13 - 15 mm / 0.55 in ❸**	**0.5 - 6 (10) mm² ❶ | AWG 20 - 8** **AC/DC 1000 V/ DC 1500 V/12 kV/3 ❷** **I_N 30 A** **Terminal block width 15 mm / 0.591 in** **13 - 15 mm / 0.55 in ❸**	**0.5 - 6 (10) mm² ❶ | AWG 20 - 8** **AC/DC 1000 V/ DC 1500 V/12 kV/3 ❷** **I_N 30 A** **Terminal block width 15 mm / 0.591 in** **13 - 15 mm / 0.55 in ❸**







Item No.	Pack. Unit
2-conductor disconnect terminal block for test and measurement, with test point, orange disconnect link	
gray **2006-8671**	12
blue **2006-8674**	12

Item No.	Pack. Unit
2-conductor carrier terminal block, with test point	
gray **2006-8661**	12
blue **2006-8664**	12

Item No.	Pack. Unit
2-conductor through terminal block, with test point, same profile as 2-conductor disconnect terminal block	
gray **2006-8601**	12
blue **2006-8604**	12

2006 Series Accessories

Appropriate marking systems: WMB/Marking strips
(see Full Line Catalog, Volume 1, Section 13)

End and intermediate plate,



1 mm thick

orange	**2006-8692**	1
gray	**2006-8691**	1

Protective warning marker,



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

yellow	**2006-115**	100 (4x25)

Push-in type jumper bar, insulated,



I_N 41 A, light gray

from 1 to 3	**2006-433**	50 (2x25)
from 1 to 5	**2006-435**	50 (2x25)

Lockout cap,



for conductor entry hole and operating slot

gray	**2006-191**	25

WMB Multi marking system,

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

plain	**793-501**	5

WMB Multi marking system, plain,



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

yellow	**793-501/000-002**	
red	**793-501/000-005**	
blue	**793-501/000-006**	
gray	**793-501/000-007**	
orange	**793-501/000-012**	
light green	**793-501/000-017**	
green	**793-501/000-023**	
violet	**793-501/000-024**	
		5

Marking strip, plain,



11 mm wide, 50 m roll

white	**2009-110**	1

WMB Multi marking system,

10 strips with 10 markers per card, stretchable 5 - 5.2 mm

plain	**793-5501**	5

WMB Multi marking system, plain,



10 strips with 10 markers per card, stretchable 5 - 5.2 mm

yellow	**793-5501/000-002**	
red	**793-5501/000-005**	
blue	**793-5501/000-006**	
gray	**793-5501/000-007**	
orange	**793-5501/000-012**	
light green	**793-5501/000-017**	
green	**793-5501/000-023**	
violet	**793-5501/000-024**	
		5

WMB Inline, plain,



stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll

white	**2009-115**	1

Disconnect plug for carrier terminal blocks
1500 V/12 kV/3
I_N 30 A

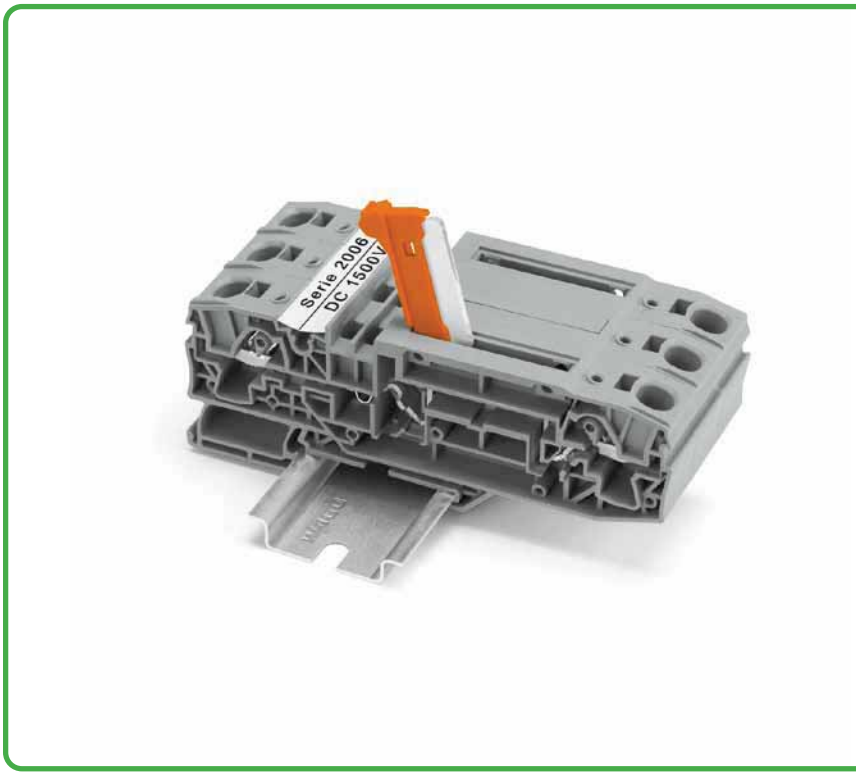
Available:
August 2012

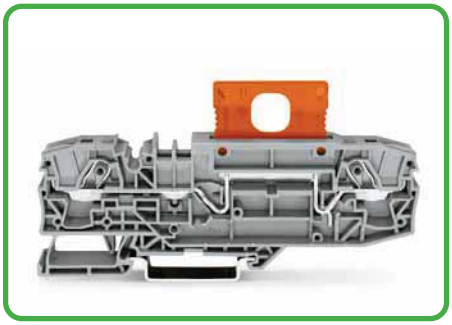


Protective warning marker must be applied individually.

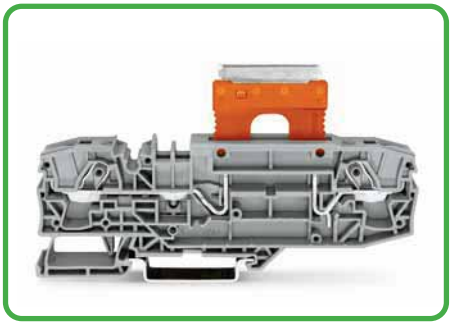
1. Conductor sizes: 0.5 mm² – 10 mm² "s + f-st"; Push-in conductor sizes: 1 mm² – 10 mm² "s" and 1.5 mm² – 6 mm² "insulated ferrule, 12 mm"
2. AC/DC 1000 V = rated voltage
   DC 1000 V
   12 kV = rated surge voltage
   3 = pollution degree
   (see Full Line Catalog, Volume 1, Section 14)
3. Strip length, see packaging or instructions.

	Item No.	Pack. Unit
Disconnect plug for carrier terminal blocks, suited when using a carrier terminal block as disconnect terminal block		
orange	**2006-8401**	48 (4x12)





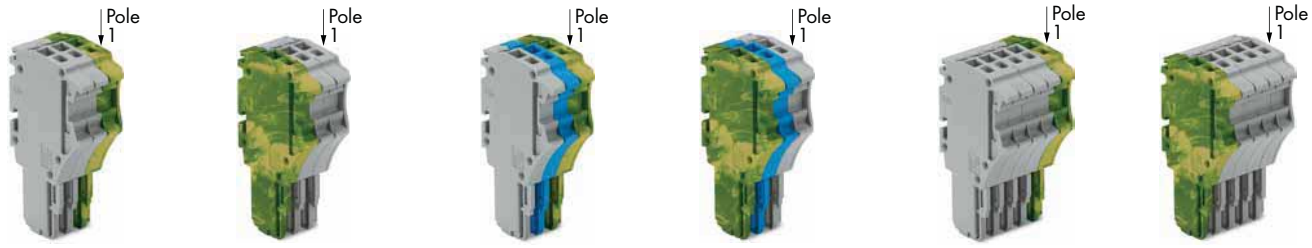
Carrier terminal block with disconnect plug in parked position.



Carrier terminal block with disconnect plug in operating position.

X-COM® S-SYSTEM-MINI
Pre-Assembled Female Plugs
2020 Series

0.14 - 1 (1.5) mm² ❶ | AWG 24 - 16 **500 V/6 kV/3 ❷** **I_N 13.5 A ❸** **module width 3.5 mm / 0.138 in** **9 - 11 mm / 0.39 in ❹**	**0.14 - 1 (1.5) mm² ❶ | AWG 24 - 16** **500 V/6 kV/3 ❷** **I_N 13.5 A ❸** **module width 3.5 mm / 0.138 in** **9 - 11 mm / 0.39 in ❹**	**0.14 - 1 (1.5) mm² ❶ | AWG 24 - 16** **500 V/6 kV/3 ❷** **I_N 13.5 A ❸** **module width 3.5 mm / 0.138 in** **9 - 11 mm / 0.39 in ❹**



Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground base module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2020-103/000-036**	50
1-conductor female plug with ground end module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2020-103/000-037**	50
For other lengths up to maximum 15 poles, please contact factory.		

Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground base module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2020-103/000-038**	50
1-conductor female plug with ground end module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2020-103/000-039**	50
For other lengths up to maximum 15 poles, please contact factory.		

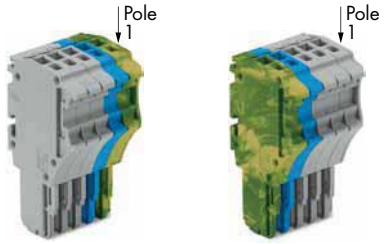
Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground base module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
5	**2020-105/000-036**	50
1-conductor female plug with ground end module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
5	**2020-105/000-037**	50
For other lengths up to maximum 15 poles, please contact factory.		

Accessories Female Plugs

Appropriate marking systems: WMB/Marking strips
(see Full Line Catalog, Volume 1, Section 13)

Protective warning marker,			
	with high-voltage symbol, black, for 5 terminal blocks		
	yellow	**2000-115**	100 (4x25)
Locking lever,			
	9.6 mm wide		
	orange	**2022-152**	100 (4x25)
	gray	**2022-151**	100 (4x25)
Locking lever,			
	4.8 mm wide		
	orange	**2022-142**	100 (4x25)
	gray	**2022-141**	100 (4x25)
Strain relief plate, gray			
	35 mm width	**734-326**	100 (4x25)
	6 mm wide	**734-327**	100 (4x25)
	12.5 mm width	**734-328**	100 (4x25)
	25 mm wide	**734-329**	100 (4x25)
WMB Multi marking system,			
	10 strips with 10 markers per card, for 3.5 mm terminal block width		
	plain	**793-3501**	5
Marking strip, plain,			
	11 mm wide, 50 m roll		
	white	**2009-110**	1

0.14 - 1 (1.5) mm² ❶ | AWG 24 - 16
500 V/6 kV/3 ❷
I_N 13.5 A ❸
module width 3.5 mm / 0.138 in
9 - 11 mm / 0.39 in ❹



Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground base module (green-yellow),		
for insertion into carrier terminal blocks,		
with coding fingers		
5	**2020-105/000-038**	50
1-conductor female plug with ground end module (green-yellow),		
for insertion into carrier terminal blocks,		
with coding fingers		
5	**2020-105/000-039**	50
For other lengths up to maximum 15 poles, please contact factory.		

❶ Conductor sizes: 0.14 mm² – 1.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² – 1.5 mm² "s" and 0.5 mm² – 0.75 mm² "insulated ferrule, 10 mm"

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

❸ Current-carrying capacity curves upon request

❹ Strip length, see packaging or instructions.

Vario-T-BOXX and Variobox

	Vario-T-BOXX High-quality Sortimo® plastic case containing a selection of WAGO installation connectors Dimensions: 440 x 350 x 80 mm	Variobox Indestructible Sortimo® metal case containing a selection of WAGO installation connectors Dimensions: 440 x 330 x 66 mm
		

Description	Item No.	Pack. Unit	Item No.	Pack. Unit
Vario-T-BOXX,	**Vario-T-BOXX**		**Variobox**	
Variobox	**887-910**	1	**887-911**	1
High-quality Sortimo® cases contain a selection of WAGO connectors for all applications in electrical building installations.				
	Contains:		**Contains:**	
	COMPACT PUSH WIRE® connectors for junction boxes		**COMPACT PUSH WIRE® connectors for junction boxes**	
	2 x 0.5 - 2.5 mm² **2273-202**	100	2 x 0.5 - 2.5 mm² **2273-202**	100
	3 x 0.5 - 2.5 mm² **2273-203**	100	3 x 0.5 - 2.5 mm² **2273-203**	100
	5 x 0.5 - 2.5 mm² **2273-205**	100	5 x 0.5 - 2.5 mm² **2273-205**	100
	8 x 0.5 - 2.5 mm² **2273-208**	50	8 x 0.5 - 2.5 mm² **2273-208**	50
	Compact splicing connectors		**Compact splicing connectors**	
	3 x 0.08 - 4 mm² **222-413**	50	3 x 0.08 - 4 mm² **222-413**	50
	5 x 0.08 - 4 mm² **222-415**	40	5 x 0.08 - 4 mm² **222-415**	40
	Lighting connectors		**Lighting connectors**	
	1 - 2.5 mm² **224-101**	100	1 - 2.5 mm² **224-101**	100
	MICRO PUSH WIRE® connectors for junction boxes		**MICRO PUSH WIRE® connectors for junction boxes**	
	dark gray		dark gray	
	4 x 0.6 - 0.8 mm Ø **243-204**	100	4 x 0.6 - 0.8 mm Ø **243-204**	100
	red		red	
	4 x 0.6 - 0.8 mm Ø **243-804**	100	4 x 0.6 - 0.8 mm Ø **243-804**	100
	dark gray		dark gray	
	8 x 0.6 - 0.8 mm Ø **243-208**	50	8 x 0.6 - 0.8 mm Ø **243-208**	50
	Mounting carrier		**Mounting carrier**	
	for 6 connectors **243-113**	10	for 6 connectors **243-113**	10


WAGO
INNOVATIVE CONNECTIONS


2
1


1
2
3
4
5
5
4
3
2
1




L
N
L
N
0771-5001/0100-0000
N
Y
2L
1L

Contents
Volume 5



***WINSTA®* MINI special** 20 – 37
Sockets and Plugs, 2- to 4-Pole 890 Series
Snap-In Sockets and Plugs, 2- to 4-Pole 890 Series
Distribution Connectors, 2- and 3-Pole 890 Series
Cable Assemblies, 2- to 4-Pole 891 Series



***WINSTA®* MIDI special** 38 – 69
Sockets and Plugs, 2- to 5-Pole 770 Series
Snap-In Sockets and Plugs, 3- to 5-Pole 770 Series
PCB Connectors, 3- and 5-Pole 770 Series
Distribution Connectors, 2- and 5-Pole 770 Series
Cable Assemblies, 2- to 5-Pole 771 Series



***WINSTA®* MIDI**
T-Distribution Connectors, 2-Pole 770 Series 70



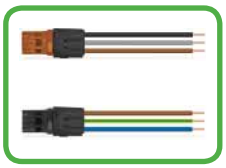
***WINSTA®* MIDI, IP 2XD**
Strain Relief Housings, 3-Pole 770 Series 71
Cable Assemblies, 3-Pole 771 Series 72 – 73



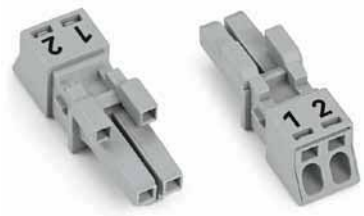
***WINSTA®* MIDI**
Cable Assemblies, 3-Pole 771 Series 74 – 75



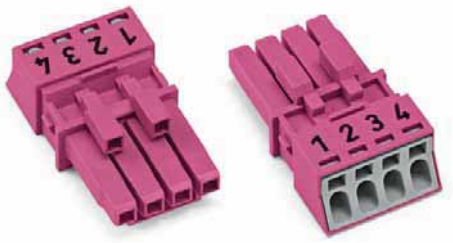
***WINSTA®* RD**
Cable Assemblies, 3-Pole
Coding A and S 774 Series 76



***WINSTA®* RD**
Connecting Adapter for Attema's Hollow-Wall Boxes 774 Series 77







Important note:

***WINSTA*® MINI special connectors with B coding are designed for specialty applications. In addition to the gray models for voltages from 110 to 400 V, there is now also a variant in light green for low voltages up to 48 V, as well as a pink one for bus applications. Each of the three versions is available in 2-, 3- or 4-pole configurations. Pole marking can be printed at the factory according to customer requirements. According to IEC 61535, B-coded products are protected from accidental connection with all other coding types of the *WINSTA*® system. Within coding B, the special variants are plug-compatible according to IEC 60320; they can be clearly differentiated on the basis of their color and pole marking.**

WINSTA® MINI special 890/891 Series up to 1.5 mm² / 16 A

Note:
- Installation connectors are designed for connection and disconnection while not under load.
- There is no hazard-inducing interchangeability with other systems based on IEC 60309, IEC 60320, IEC 60906 and with national connector and socket systems.
- Compliance with the standards does not guarantee hazard-avoiding, non-interchangeability with installation connector systems from various manufacturers.
- Installation connector systems are not a substitute for residential connector/socket systems.

- *WINSTA*® MINI special connectors are not intended for installation in open or easily accessible areas.

2



890 Series
Connectors, 2-Pole 23
Connectors, 3-Pole 28
Connectors, 4-Pole 34



890 Series
Snap-In Device Connectors, 2-Pole 24
Snap-In Device Connectors, 3-Pole 29
Snap-In Device Connectors, 4-Pole 35



890 Series
Distribution Connectors, 2-Pole 25
Distribution Connectors, 3-Pole 30



891 Series
Cable Assemblies, 2-Pole 26 - 27
Cable Assemblies, 3-Pole 32 - 33
Cable Assemblies, 4-Pole 36 - 37

Handling *WINSTA*® MINI special, 890 Series

Pole marking



Gray, B-coded connector with "2 1" marking; e.g., control signal (A circuit).

Circuit identification



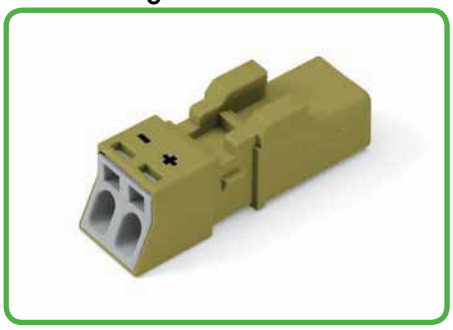
Easy circuit identification via different marking and colors.

Protection against mismating



B-coded connectors (shown in gray) not only differ in color, but also in their design, making them incompatible with other coded connectors.

Pole marking

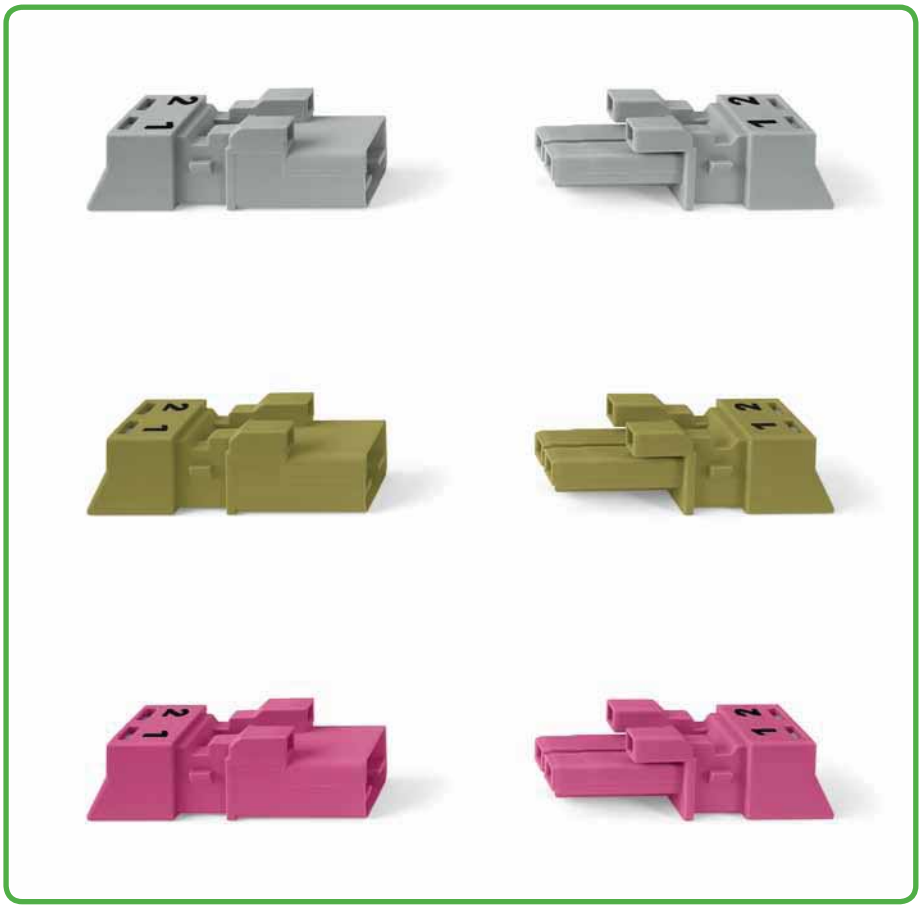


Light green, B-coded connector with "- +" marking; e.g., DC power supply (24V circuit).

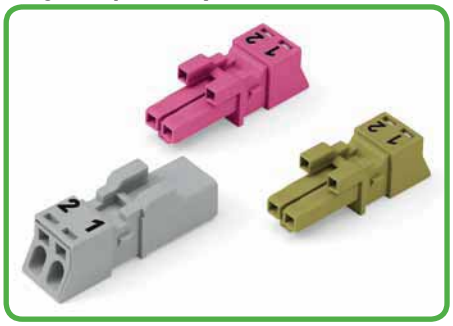
Pole marking

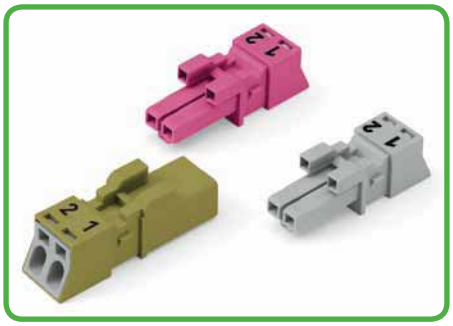


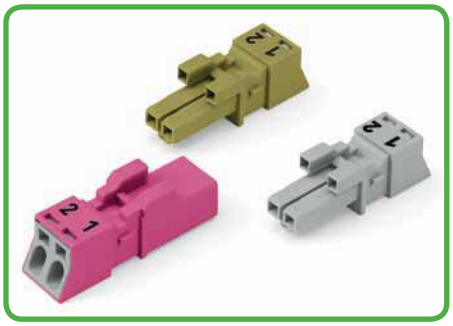
Pink, B-coded connector with "2 1" marking; e.g., control signal (B circuit).



Plug compatibility







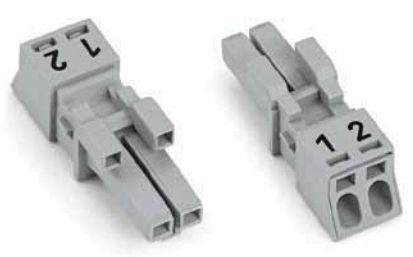
B-coded connectors with different colors can be plugged together.
Important note:
Different colors and/or pole marking are used for circuit identification.
Only connectors of the same color and same pole marking must be plugged together.

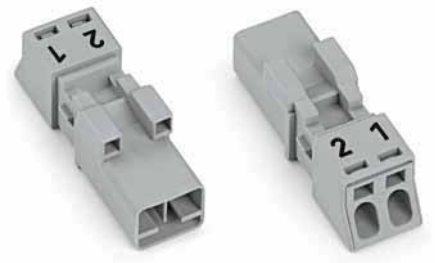
Handling instructions for conductor connection, shield termination, operating tools, mounting aids for *WINSTA*® MINI special connectors can be found in our Full Line Catalog, Volume 5.

WINSTA® MINI special Sockets and Plugs, 2-Pole

	0.25 – 1.5 mm² ❶ 250 V/4 kV/3 I_N 16 A | AWG 22 – 16 9 mm / 0.35 in ❷ Approvals	0.25 – 1.5 mm² ❶ 250 V/4 kV/3 I_N 16 A | AWG 22 – 16 9 mm / 0.35 in ❷ Approvals

Note:
All connectors for fixed installations (snap-in versions for lighting fixtures, devices or all types of PCBs and distribution cabinets) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).





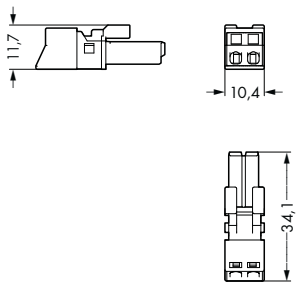
Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, 2-pole, with CAGE CLAMP®S connection	**Socket without strain relief housing**			**Plug without strain relief housing**		
	gray	**890-242**	50	gray	**890-252**	50
	light green	**890-262**	50	light green	**890-272**	50
	pink	**890-282**	50	pink	**890-292**	50
Item-Specific Accessories						
	Operating tool, insulated			**Operating tool,** insulated		
		2-way **890-392**	1		2-way **890-392**	1
	Strain relief housing,	for 4.5 – 10 mm cable diameter		**Strain relief housing,**	for 4.5 – 10 mm cable diameter	
		black **890-502**	50		black **890-502**	50
		white **890-512**	50		white **890-512**	50
Accessories, 890 Series						
	Locking lever, for "flying leads,"	**tool operated**		**Locking lever, for "flying leads,"**	**tool operated**	
		black **890-111**	100 (2x50)		black **890-111**	100 (2x50)
		white **890-131**	100 (2x50)		white **890-131**	100 (2x50)
	Mounting carrier, for 2- to 5-pole	"flying leads"		**Mounting carrier,** for 2- to 5-pole	"flying leads"	
		black **890-310**	100		black **890-310**	100
		white **890-311**	100		white **890-311**	100
	Dimensions					

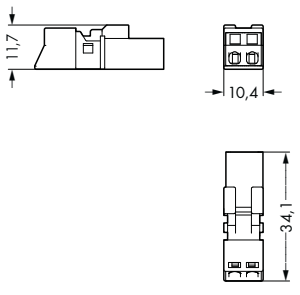
❶ Conductor sizes: 0.25 – 1.5 mm² "s + f-st"
0.25 – 1 mm² "stranded"

❷ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.

gray	Coding B	(1 2)
light green	Coding B	(1 2)
pink	Coding B	(1 2)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.



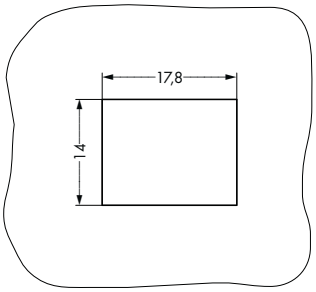


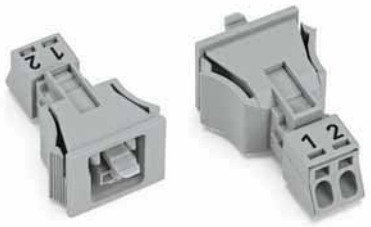
WINSTA® MINI special

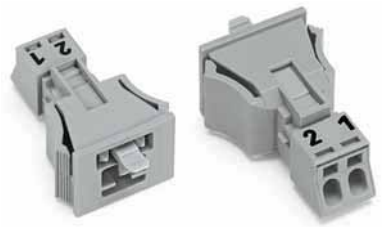
Snap-In Sockets and Plugs, 2-Pole

CAGE CLAMP®S

Cutout dimensions Plate thickness: 0.5 – 2 mm Cutout tolerance: + 0.1 mm	0.25 – 1.5 mm² ❶ | AWG 22 – 16 250 V/4 kV/3 I_N 16 A 9 mm / 0.35 in ❷ Approvals	0.25 – 1.5 mm² ❶ | AWG 22 – 16 250 V/4 kV/3 I_N 16 A 9 mm / 0.35 in ❷ Approvals







Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, snap-in device connection, 2-pole, with CAGE CLAMP®S connection	**Socket**			**Plug**		
	gray	**890-742**	50	gray	**890-752**	50
	light green	**890-762**	50	light green	**890-772**	50
	pink	**890-782**	50	pink	**890-792**	50

Item-Specific Accessories

	Operating tool, insulated	2-way		**Operating tool,** insulated	2-way	
		890-392	1		**890-392**	1

Accessories, 890 Series

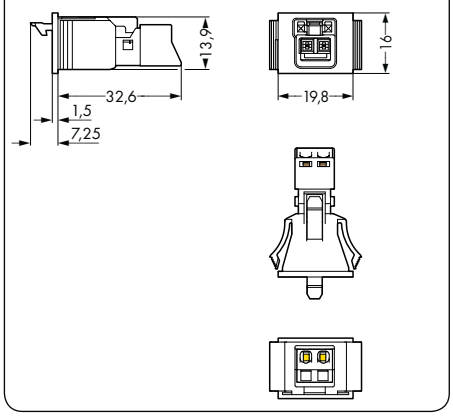
	Lockout cap, for cutout, 2-pole			**Lockout cap,** for cutout, 2-pole		
		black	**890-642** 100		black	**890-642** 100
		white	**890-692** 100		white	**890-692** 100

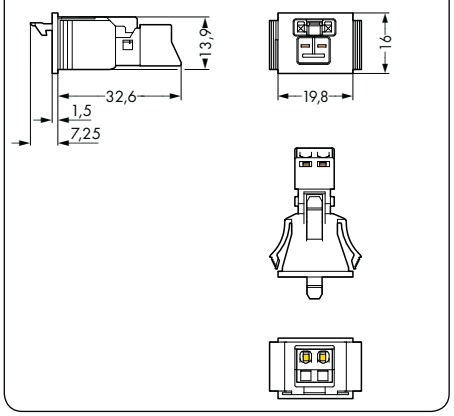
Info	Dimensions

❶ Conductor sizes: 0.25 – 1.5 mm² "s + f-st"
0.25 – 1 mm² "stranded"
❷ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.
❸ 5.0 mm Ø, 0.2 – 1.2 mm plate thickness

gray Coding B (1 2)
light green Coding B (1 2)
pink Coding B (1 2)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.





Distribution Connectors, 2-Pole

	250 V/4 kV/3 I_N 16 A Available 4th Quarter 2012 ❷ Approvals	



Description	Color	Item No.	Pack. Unit
T-distribution connectors, 2-pole, pluggable	**T-distribution connector, 1 x plug / 2 x socket**		
	gray	**890-1601**	25
	light green	**890-1602**	25
	pink	**890-1603**	25
	for "flying leads," with 3rd locking lever		
	gray	**890-1701**	25
	light green	**890-1702**	25
	pink	**890-1703**	25

Accessories, 890 Series

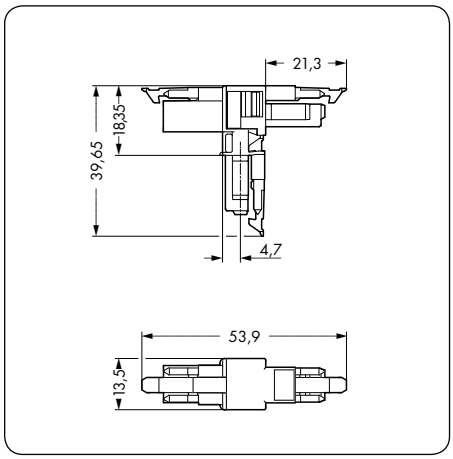
Locking lever, for "flying leads,"



tool operated

black	**890-111**	100 (2x50)
white	**890-131**	100 (2x50)

Dimensions



WINSTA® MINI special Cable Assemblies, 2 x 1 mm²

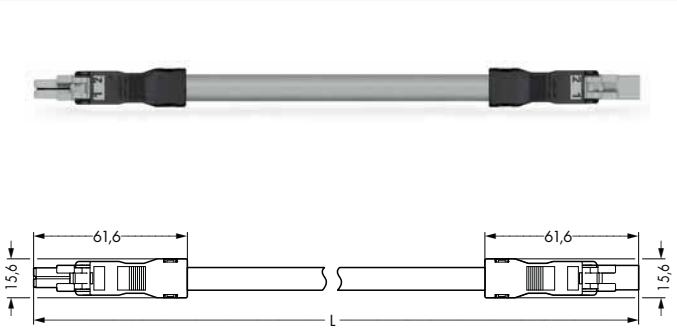
PVC **Control line: 2 x 1, gray**

250 V/4 kV/3 **I_N 10 A**

Conductor ends, bonded: 9 mm

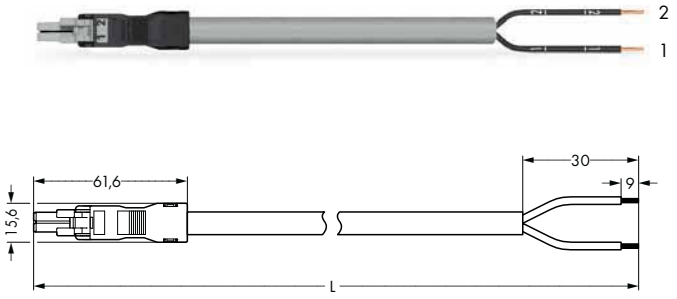
❶ Approvals

Interconnecting cable, socket – plug



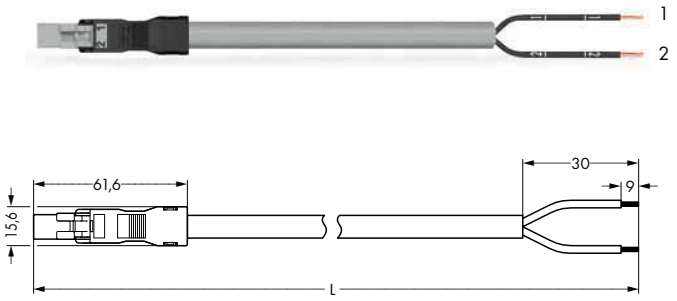
Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8992/005-103**
○	1 m	**891-8992/005-105**
○	1 m	**891-8992/005-107**

Connecting cable, socket – free end



Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8992/105-103**
○	1 m	**891-8992/105-105**
○	1 m	**891-8992/105-107**

Connecting cable, plug – free end



Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8992/205-103**
○	1 m	**891-8992/205-105**
○	1 m	**891-8992/205-107**

Info

❶ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5. Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

For other cables, please contact factory.

○ gray	Coding B	(1 2)
○ light green	Coding B	(1 2)
○ pink	Coding B	(1 2)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Accessories

Locking lever, for "flying leads,"



tool operated		
black	**890-111**	100 (2x50)
white	**890-131**	100 (2x50)

Mounting carrier, for 2- to 5-pole "flying leads"



black	**890-310**	100
white	**890-311**	100

Cable Assemblies, 2 x 1.5 mm²

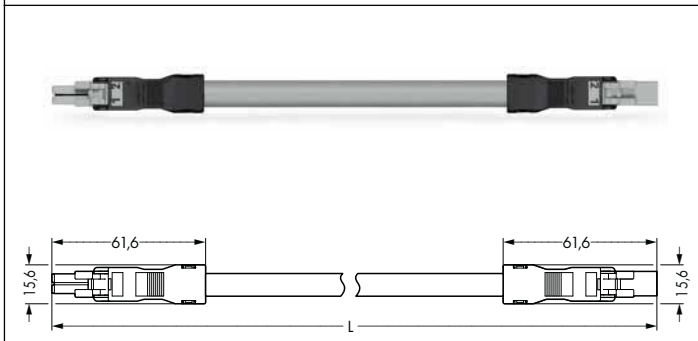
PVC **Control line: 2 x 1.5, gray**

250 V/4 kV/3 I_N **16 A**

Conductor ends, bonded: 9 mm

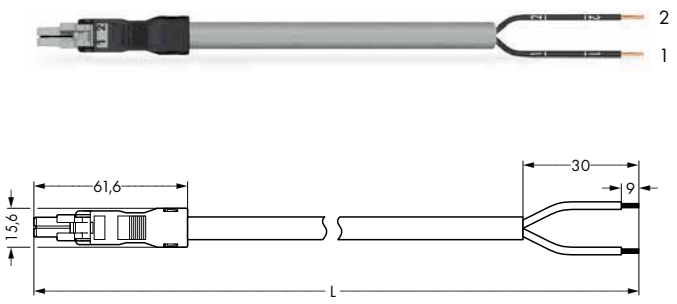
❶ Approvals

Interconnecting cable, socket – plug



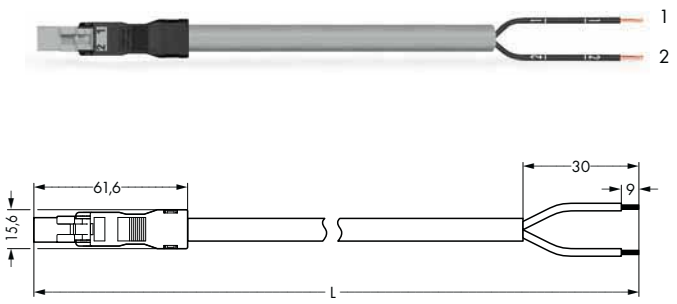
Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8992/006-103**
○	1 m	**891-8992/006-105**
○	1 m	**891-8992/006-107**

Connecting cable, socket – free end



Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8992/106-103**
○	1 m	**891-8992/106-105**
○	1 m	**891-8992/106-107**

Connecting cable, plug – free end



Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8992/206-103**
○	1 m	**891-8992/206-105**
○	1 m	**891-8992/206-107**

Item numbers overview for other cable lengths

Position	1 - 3	-	4	5	6	7	/	8	9	10	-	11	12	13
gray	**891**	**-**	**8**	**9**	**9**	**2**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**3**
light green	**891**	**-**	**8**	**9**	**9**	**2**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**5**
pink	**891**	**-**	**8**	**9**	**9**	**2**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**7**

The item numbers listed above correspond to the following cable version:
Interconnecting cable, 2-pole, socket – plug, PVC control line, 2 x 1.5 mm², 1 m

The 9th position defines whether it is a PVC or halogen-free cable. For example, an halogen-free cable with pink connectors has the following item number: 891-8992/0**1**6-107
The 10th position defines the cable cross-section. For example, a 2 x 1 mm² cable with light green connectors has the following item number: 891-8992/00**5**-105
The 11th position defines the cable length. For example, a 5 m cable with gray connectors has the following item number: 891-8992/006-**5**03

WINSTA® MINI special Sockets and Plugs, 3-Pole

	0.25 – 1.5 mm² ❶ 250 V/4 kV/3 I_N 16 A ❸ | AWG 22 – 16 9 mm / 0.35 in ❷ Approvals	0.25 – 1.5 mm² ❶ 250 V/4 kV/3 I_N 16 A ❸ | AWG 22 – 16 9 mm / 0.35 in ❷ Approvals

Note:
All connectors for fixed installations (snap-in versions for lighting fixtures, devices or all types of PCBs and distribution cabinets) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).



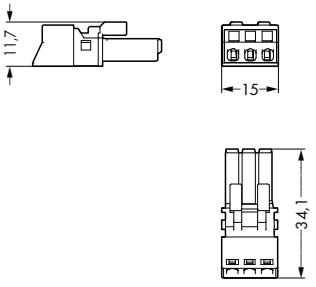


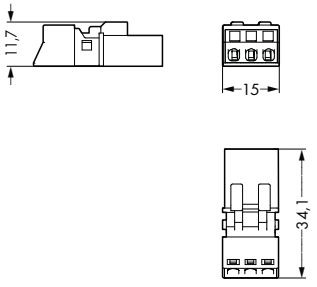
Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, 3-pole, with CAGE CLAMP® S connection	**Socket without strain relief housing**			**Plug without strain relief housing**		
	gray	**890-243**	50	gray	**890-253**	50
	light green	**890-263**	50	light green	**890-273**	50
	pink	**890-283**	50	pink	**890-293**	50
Item-Specific Accessories						
	Operating tool, insulated			**Operating tool,** insulated		
	3-way	**890-393**	1	3-way	**890-393**	1
	Strain relief housing,			**Strain relief housing,**		
	for 4.5 – 10 mm cable diameter			for 4.5 – 10 mm cable diameter		
	black	**890-503**	50	black	**890-503**	50
	white	**890-513**	50	white	**890-513**	50
Accessories, 890 Series						
	Locking lever, for "flying leads,"			**Locking lever, for "flying leads,"**		
	tool operated			**tool operated**		
	black	**890-111**	100 (2x50)	black	**890-111**	100 (2x50)
	white	**890-131**	100 (2x50)	white	**890-131**	100 (2x50)
	Mounting carrier, for 2- to 5-pole			**Mounting carrier,** for 2- to 5-pole		
	"flying leads"			"flying leads"		
	black	**890-310**	100	black	**890-310**	100
	white	**890-311**	100	white	**890-311**	100
Info	**Dimensions**					

❶ Conductor sizes: 0.25 – 1.5 mm² "s + f-st"
0.25 – 1 mm² "stranded"
❷ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.
❸ Full rated current can only be applied to a maximum of 2 poles!
For 3-pole load I_N = 13 A!

- gray Coding B (1 2 3)
- light green Coding B (1 2 3)
- pink Coding B (1 2 3)

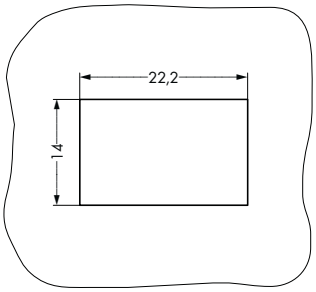
For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

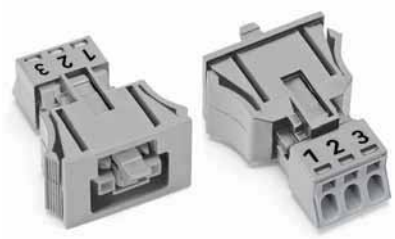




Snap-In Sockets and Plugs, 3-Pole

Cutout dimensions Plate thickness: 0.5 – 2 mm Cutout tolerance: + 0.1 mm	0.25 – 1.5 mm² ❶ | AWG 22 – 16 250 V/4 kV/3 I_N 16 A ❸ 9 mm / 0.35 in ❷ Approvals	0.25 – 1.5 mm² ❶ | AWG 22 – 16 250 V/4 kV/3 I_N 16 A ❸ 9 mm / 0.35 in ❷ Approvals

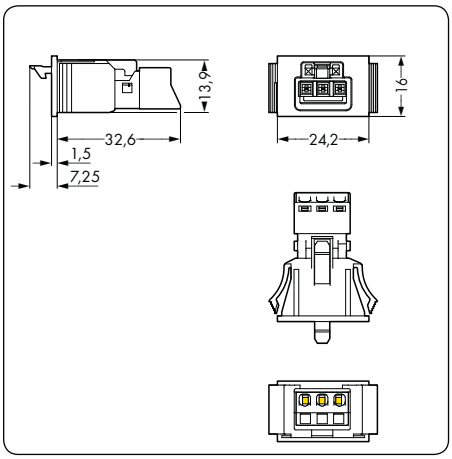


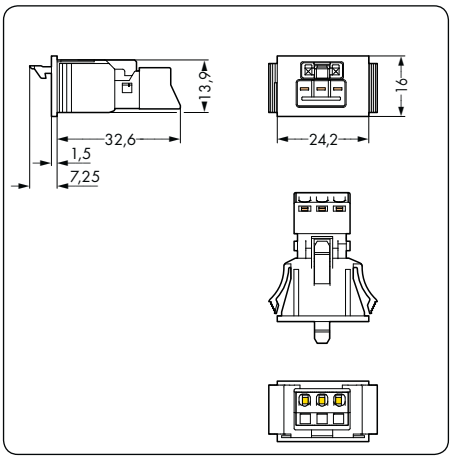




Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, snap-in device connection, 3-pole, with CAGE CLAMP® S connection	**Socket**			**Plug**		
	gray	**890-743**	50	gray	**890-753**	50
	light green	**890-763**	50	light green	**890-773**	50
	pink	**890-783**	50	pink	**890-793**	50
Item-Specific Accessories						
	Operating tool, insulated			**Operating tool,** insulated		
	3-way	**890-393**	1	3-way	**890-393**	1
Accessories, 890 Series						
	Lockout cap, for cutout, 3-pole			**Lockout cap,** for cutout, 3-pole		
	black	**890-643**	100	black	**890-643**	100
	white	**890-693**	100	white	**890-693**	100

Dimensions





WINSTA® MINI special Distribution Connectors, 3-Pole

	250 V/4 kV/3 I_N 16 A ❹ *Available 4th Quarter 2012* ❷ Approvals	



Description	Color	Item No.	Pack. Unit
h-distribution connectors, 3-pole	**h-distribution connector, unidirectional, plug / socket - socket**		
	gray	**890-1661**	50
	light green	**890-1662**	50
	pink	**890-1663**	50
	for "flying leads," with 3rd locking lever		
	gray	**890-1761**	50
	light green	**890-1762**	50
	pink	**890-1763**	50

Item-Specific Accessories

Mounting plate, for distribution connectors



black	**890-623**	100
white	**890-673**	100

Fixing pin, for mounting plates



❸ black	**890-601**	250

Accessories, 890 Series

Locking lever, for "flying leads,"



tool operated

black	**890-111**	100 (2x50)
white	**890-131**	100 (2x50)

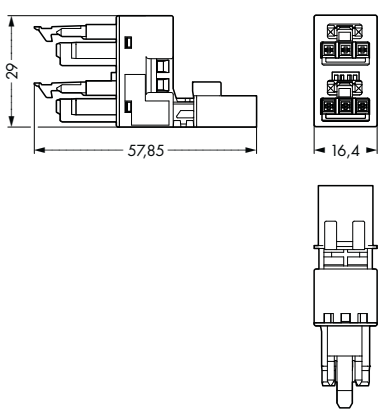
Info

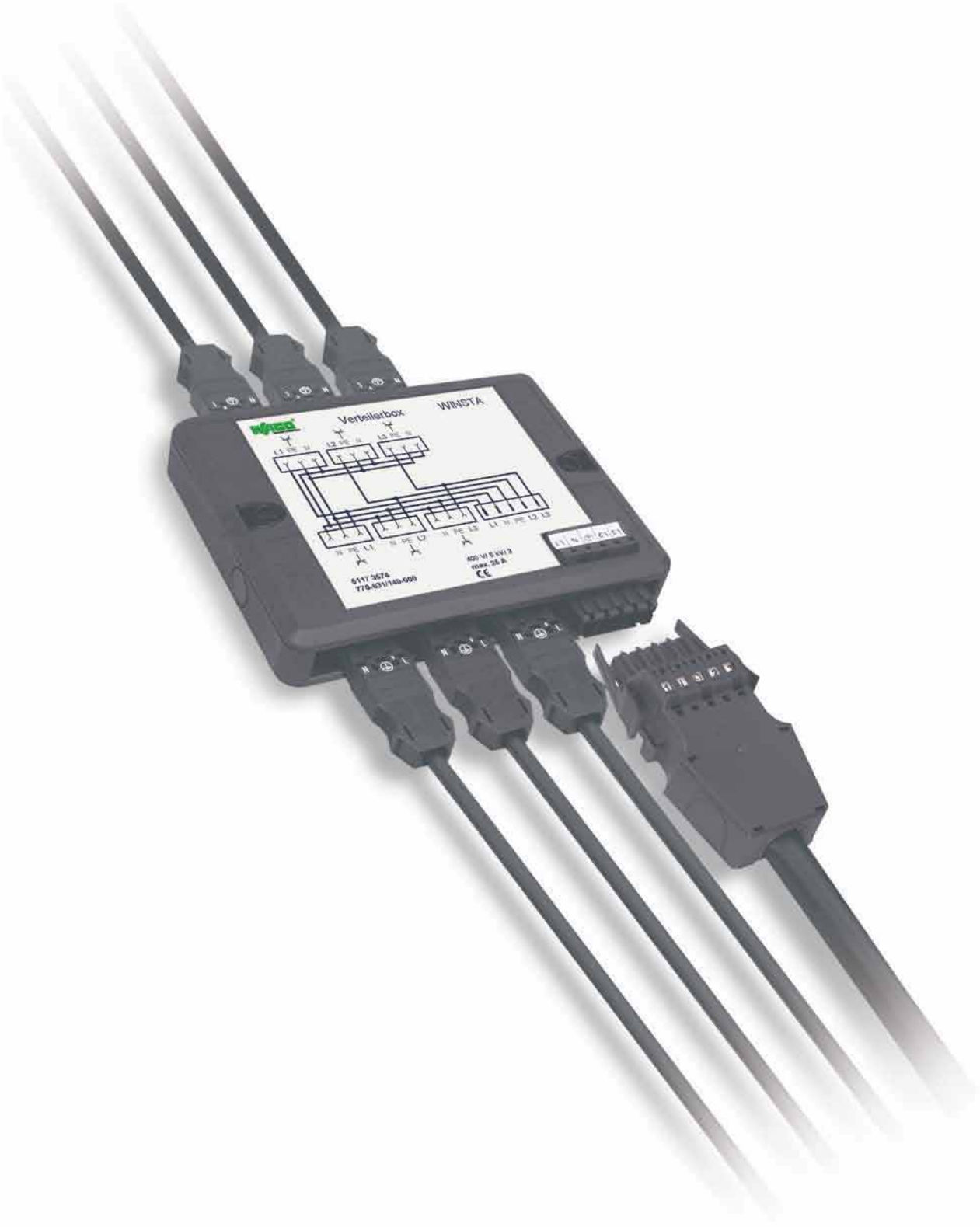
❶ Conductor sizes: 0.25 – 1.5 mm² "s + f-st"
0.25 – 1 mm² "stranded"
❷ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.
❸ 5.0 mm Ø, 0.2 – 1.2 mm plate thickness
❹ Full rated current can only be applied to a maximum of 2 poles!
For 3-pole load I_N = 13 A!

gray	Coding B	(1 2 3)
light green	Coding B	(1 2 3)
pink	Coding B	(1 2 3)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Dimensions




Verteilerbox
WINSTA

WINSTA® MINI special Cable Assemblies, 3 x 1 mm²

PVC **Control line: 3 x 1, gray**

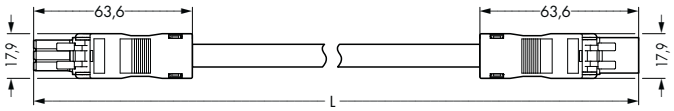
250 V/4 kV/3 **I_N 10 A**

Conductor ends, bonded: 9 mm

❶ Approvals

Interconnecting cable, socket – plug

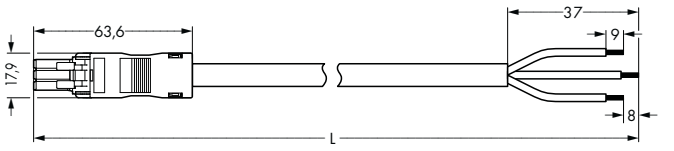




Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8993/005-103**
○	1 m	**891-8993/005-105**
○	1 m	**891-8993/005-107**

Connecting cable, socket – free end

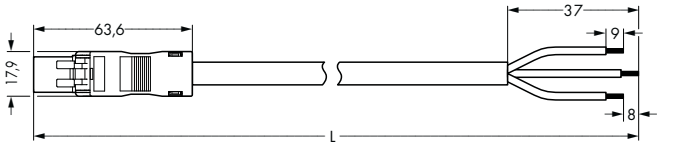




Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8993/105-103**
○	1 m	**891-8993/105-105**
○	1 m	**891-8993/105-107**

Connecting cable, plug – free end





Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8993/205-103**
○	1 m	**891-8993/205-105**
○	1 m	**891-8993/205-107**

Info

❶ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5. Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

❷ Full rated current can only be applied to a maximum of 2 poles!
For 3-pole load I_N = 13 A!
For other cables, please contact factory.

- ○ gray Coding B (1 2 3)
- ○ light green Coding B (1 2 3)
- ○ pink Coding B (1 2 3)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Accessories

Locking lever, for "flying leads,"



tool operated		
black	**890-111**	100 (2x50)
white	**890-131**	100 (2x50)

Mounting carrier, for 2- to 5-pole "flying leads"



black	**890-310**	100
white	**890-311**	100

Cable Assemblies, 3 x 1.5 mm²

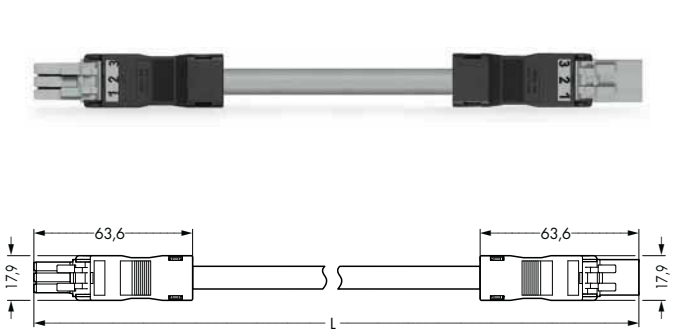
PVC **Control line: 3 x 1.5, gray**

250 V/4 kV/3 I_N 16 A ❷

Conductor ends, bonded: 9 mm

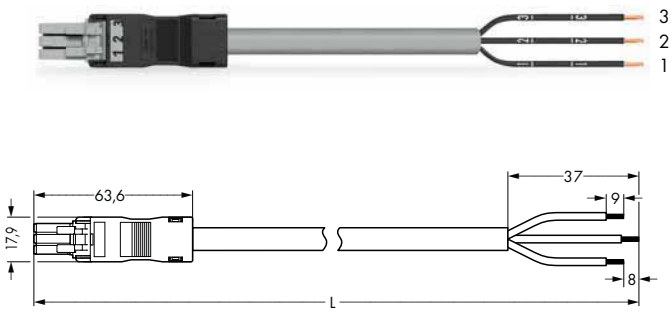
❶ Approvals

Interconnecting cable, socket – plug



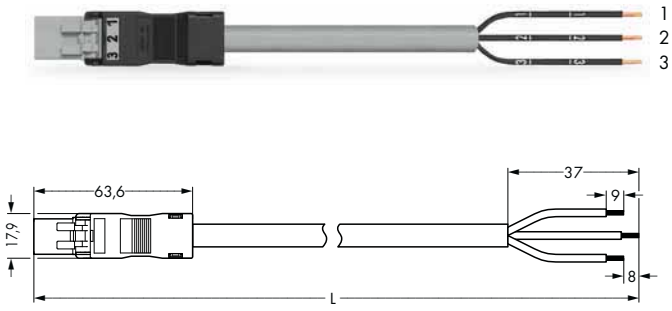
Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8993/006-103**
○	1 m	**891-8993/006-105**
○	1 m	**891-8993/006-107**

Connecting cable, socket – free end



Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8993/106-103**
○	1 m	**891-8993/106-105**
○	1 m	**891-8993/106-107**

Connecting cable, plug – free end



Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8993/206-103**
○	1 m	**891-8993/206-105**
○	1 m	**891-8993/206-107**

Item numbers overview for other cable lengths

Position	1 - 3	-	4	5	6	7	/	8	9	10	-	11	12	13
gray	**891**	**-**	**8**	**9**	**9**	**3**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**3**
light green	**891**	**-**	**8**	**9**	**9**	**3**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**5**
pink	**891**	**-**	**8**	**9**	**9**	**3**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**7**

The item numbers listed above correspond to the following cable version:
Interconnecting cable, 3-pole, socket – plug, PVC control line, 3 x 1.5 mm², 1 m

The 9th position defines whether it is a PVC or halogen-free cable. For example, an halogen-free cable with pink connectors has the following item number: 891-8993/0**1**6-107
The 10th position defines the cable cross-section. For example, a 3 x 1 mm² cable with light green connectors has the following item number: 891-8993/00**5**-105
The 11th position defines the cable length. For example, a 5 m cable with gray connectors has the following item number: 891-8993/006-**5**03

WINSTA® MINI special Sockets and Plugs, 4-Pole

	0.25 – 1.5 mm² ❶ 400 V/6 kV/3 I_N 16 A ❸ | AWG 22 – 16 9 mm / 0.35 in ❷ Approvals	0.25 – 1.5 mm² ❶ 400 V/6 kV/3 I_N 16 A ❸ | AWG 22 – 16 9 mm / 0.35 in ❷ Approvals

Note:
All connectors for fixed installations (snap-in versions for lighting fixtures, devices or all types of PCBs and distribution cabinets) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).



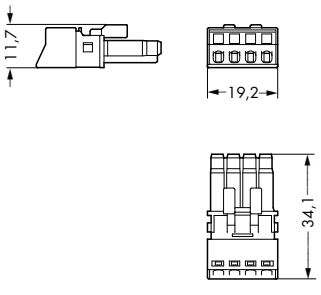


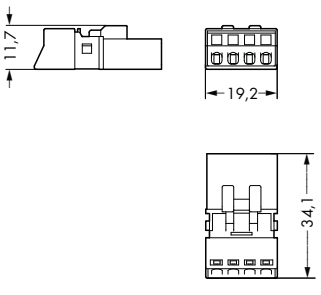
Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, 4-pole, with CAGE CLAMP® S connection	**Socket without strain relief housing**			**Plug without strain relief housing**		
	gray	**890-244**	50	gray	**890-254**	50
	light green	**890-264**	50	light green	**890-274**	50
	pink	**890-284**	50	pink	**890-294**	50
Item-Specific Accessories						
	Strain relief housing, for 6.5 – 10.5 mm cable diameter			**Strain relief housing,** for 6.5 – 10.5 mm cable diameter		
	black	**890-504**	50	black	**890-504**	50
	white	**890-514**	50	white	**890-514**	50
Accessories, 890 Series						
	Locking lever, for "flying leads," tool operated			**Locking lever, for "flying leads,"** tool operated		
	black	**890-111**	100 (2x50)	black	**890-111**	100 (2x50)
	white	**890-131**	100 (2x50)	white	**890-131**	100 (2x50)
	Mounting carrier, for 2- to 5-pole "flying leads"			**Mounting carrier,** for 2- to 5-pole "flying leads"		
	black	**890-310**	100	black	**890-310**	100
	white	**890-311**	100	white	**890-311**	100
Info	**Dimensions**					

❶ Conductor sizes: 0.25 – 1.5 mm² "s + f-st"
0.25 – 1 mm² "stranded"
❷ "Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5.
❸ Full rated current can only be applied to a maximum of 2 poles!
I_N = 10 A for 3- and 4-pole load!

gray	Coding B	(1 2 3 4)
light green	Coding B	(1 2 3 4)
pink	Coding B	(1 2 3 4)

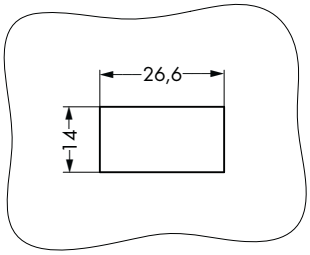
For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

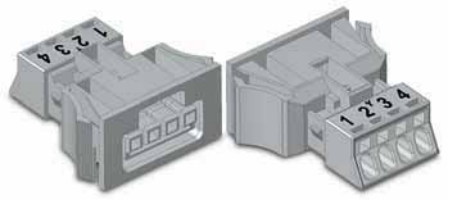


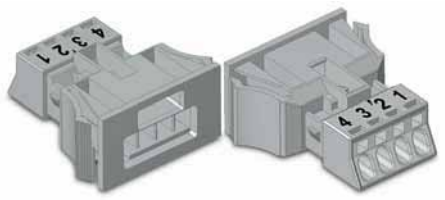


Snap-In Sockets and Plugs, 4-Pole

Cutout dimensions Plate thickness: 0.5 – 2 mm Cutout tolerance: + 0.1 mm	0.25 – 1.5 mm² ❶ | AWG 22 – 16 400 V/6 kV/3 I_N 16 A ❸ 9 mm / 0.35 in ❷ Approvals	0.25 – 1.5 mm² ❶ | AWG 22 – 16 400 V/6 kV/3 I_N 16 A ❸ 9 mm / 0.35 in ❷ Approvals

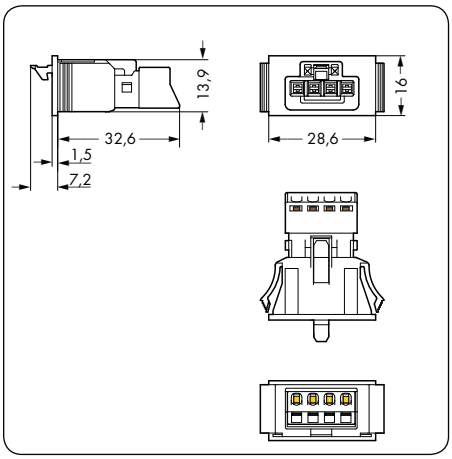


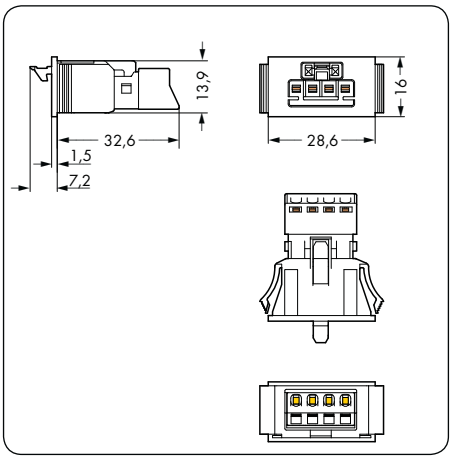




Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, snap-in device connection, 4-pole, with CAGE CLAMP®S connection	**Socket**			**Plug**		
	gray	**890-744**	50	gray	**890-754**	50
	light green	**890-764**	50	light green	**890-774**	50
	pink	**890-784**	50	pink	**890-794**	50
Accessories, 890 Series						
	Lockout cap, for cutout, 4-pole			**Lockout cap,** for cutout, 4-pole		
	black	**890-644**	100	black	**890-644**	100
	white	**890-694**	100	white	**890-694**	100

Dimensions





WINSTA® MINI special Cable Assemblies, 4 x 1 mm²

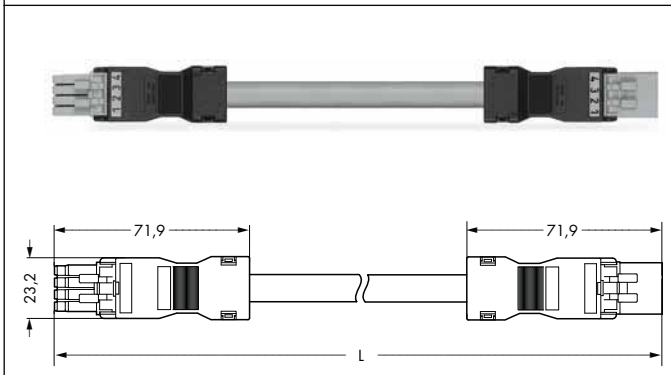
PVC **Control line: 4 x 1, gray**

400 V/6 kV/3 **I_N 10 A**

Conductor ends, bonded: 9 mm

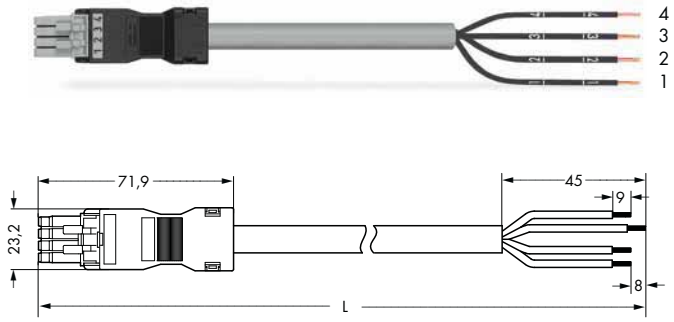
❶ Approvals

Interconnecting cable, socket - plug



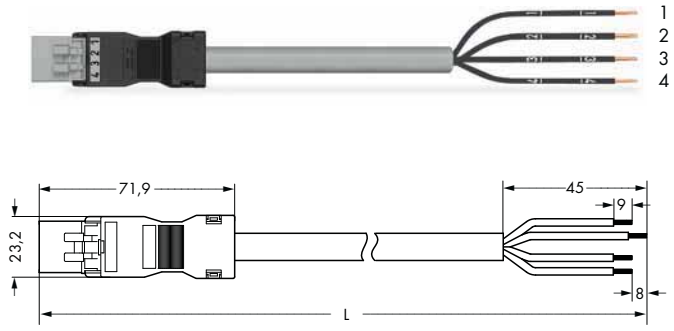
Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8994/005-103**
○	1 m	**891-8994/005-105**
○	1 m	**891-8994/005-107**

Connecting cable, socket – free end



Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8994/105-103**
○	1 m	**891-8994/105-105**
○	1 m	**891-8994/105-107**

Connecting cable, plug – free end



Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8994/205-103**
○	1 m	**891-8994/205-105**
○	1 m	**891-8994/205-107**

Info

❶ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5. Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

❷ Full rated current can only be applied to a maximum of 2 poles!
I_N = 10 A for 3- and 4-pole load!
For other cables, please contact factory.

- ○ gray Coding B (1 2 3 4)
- ○ light green Coding B (1 2 3 4)
- ○ pink Coding B (1 2 3 4)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Accessories

Locking lever, for "flying leads,"



tool operated		
black	**890-111**	100 (2x50)
white	**890-131**	100 (2x50)

Mounting carrier, for 2- to 5-pole "flying leads"



black	**890-310**	100
white	**890-311**	100

Cable Assemblies, 4 x 1.5 mm²

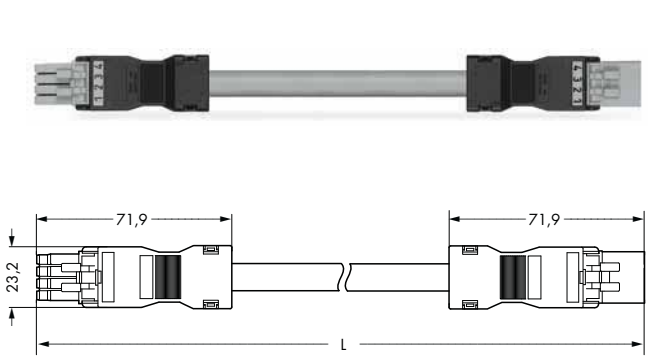
PVC **Control line: 4 x 1.5, gray**

400 V/6 kV/3 I_N **16 A ❷**

Conductor ends, bonded: 9 mm

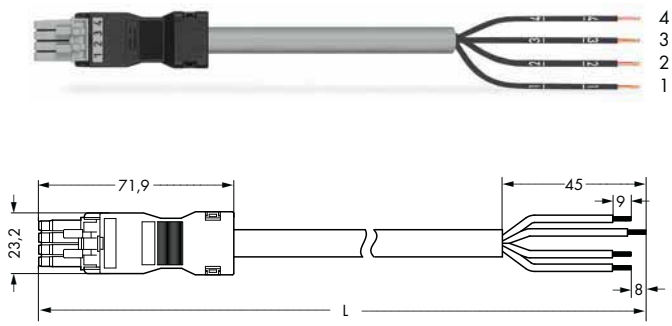
❶ Approvals

Interconnecting cable, socket - plug



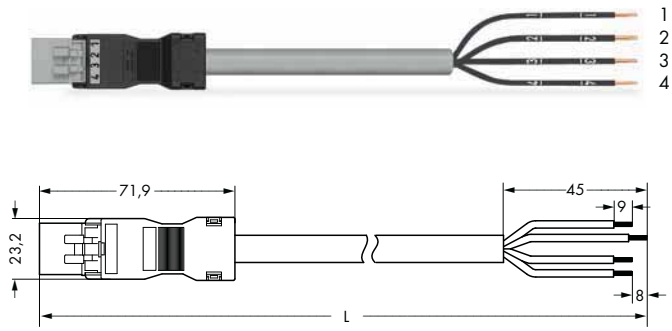
Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8994/006-103**
○	1 m	**891-8994/006-105**
○	1 m	**891-8994/006-107**

Connecting cable, socket – free end



Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8994/106-103**
○	1 m	**891-8994/106-105**
○	1 m	**891-8994/106-107**

Connecting cable, plug – free end



Color	Length	Item No. black
Coding B		
		PVC
○	1 m	**891-8994/206-103**
○	1 m	**891-8994/206-105**
○	1 m	**891-8994/206-107**

Item numbers overview for other cable lengths

Position	1 - 3	-	4	5	6	7	/	8	9	10	-	11	12	13
gray	**891**	**-**	**8**	**9**	**9**	**4**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**3**
light green	**891**	**-**	**8**	**9**	**9**	**4**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**5**
pink	**891**	**-**	**8**	**9**	**9**	**4**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**7**

The item numbers listed above correspond to the following cable version:
Interconnecting cable, 4-pole, socket – plug, PVC control line, 4 x 1.5 mm², 1 m

The 9th position defines whether it is a PVC or halogen-free cable. For example, an halogen-free cable with pink connectors has the following item number: 891-8994/0**1**6-107
The 10th position defines the cable cross-section. For example, a 4 x 1 mm² cable with light green connectors has the following item number: 891-8994/00**5**-105
The 11th position defines the cable length. For example, a 5 m cable with gray connectors has the following item number: 891-8994/006-**5**03







Important note:

***WINSTA*® MIDI special connectors with B coding are designed for specialty applications. In addition to the gray models for voltages from 110 to 400 V, there is now also a variant in light green for low voltages up to 48 V, as well as a pink one for bus applications. Each of the three versions is available in 2-, 3- or 4- and 5-pole configurations. Pole marking can be printed at the factory according to customer requirements. According to IEC 61535, B-coded products are protected from accidental connection with all other coding types of the *WINSTA*® system. Within coding B, the special variants are plug-compatible according to IEC 60320; they can be clearly differentiated on the basis of their color and pole marking.**

WINSTA® MIDI special

770/771 Series, up to 4 mm² / 25 A

Note:
- Installation connectors are designed for connection and disconnection while under load.
- There is no hazard-inducing interchangeability with other systems based on IEC 60309, IEC 60320, IEC 60906 and with national connector and socket systems.
- Compliance with the standards does not guarantee hazard-avoiding, non-interchangeability with installation connector systems from various manufacturers.
- Installation connector systems are not a substitute for residential connector/socket systems.

- *WINSTA*® MINI special connectors are not intended for installation in open or easily accessible areas.

4



770 Series
Connectors, 2-Pole 41
Connectors, 3-Pole 46
Connectors, 4-Pole 54
Connectors, 5-Pole 62



770 Series
Snap-In Device Connectors, 2-Pole 42
Snap-In Device Connectors, 3-Pole 47
Snap-In Device Connectors, 4-Pole 55
Snap-In Device Connectors, 5-Pole 63



770 Series
PCB Connectors, 3-Pole 48 – 49
PCB Connectors, 4-Pole 56 – 57
PCB Connectors, 5-Pole 64 – 65



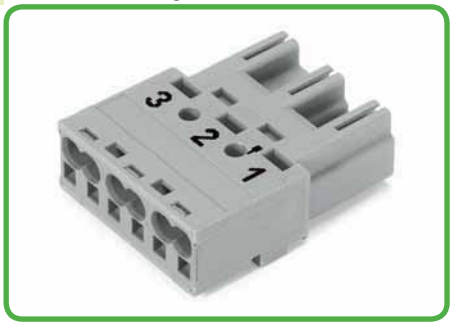
770 Series
Distribution Connectors, 2-Pole 43
Distribution Connectors, 3-Pole 50 – 51
Distribution Connectors, 4-Pole 58 – 59
Distribution Connectors, 5-Pole 66



771 Series
Cable Assemblies, 2-Pole 44 – 45
Cable Assemblies, 3-Pole 52 – 53
Cable Assemblies, 4-Pole 60 – 61
Cable Assemblies, 5-Pole 68 – 69

Handling *WINSTA*® MINI special, 770 Series

Pole marking



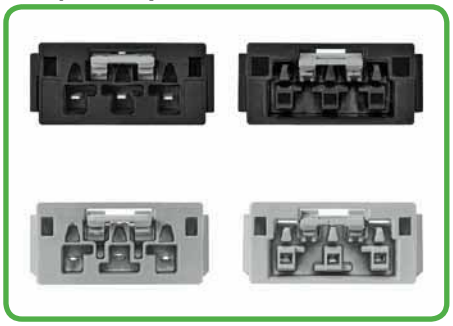
Gray, B-coded connector with "3 2 1" marking; e.g., control signal (A circuit).

Circuit identification



Easy circuit identification via different marking and colors.

Compatibility



B-coded connectors (shown in gray) not only differ in color, but also in their design, making them incompatible with other coded connectors.

Pole marking

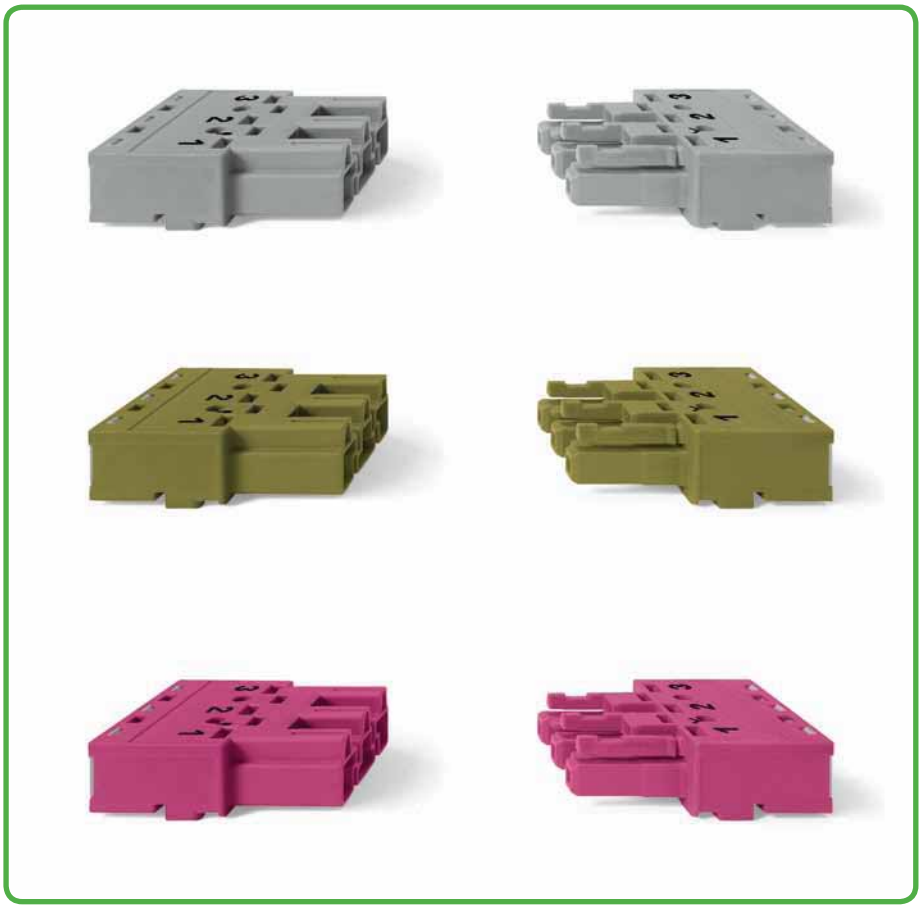


Light green, B-coded connector with "3 2 1" marking; e.g., DC power supply (24V circuit).

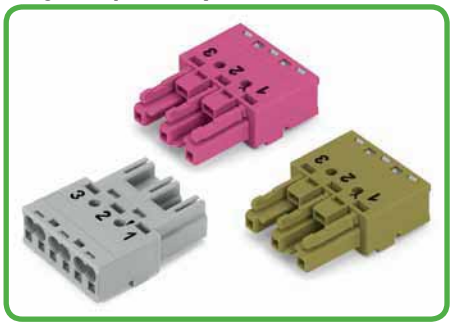
Pole marking

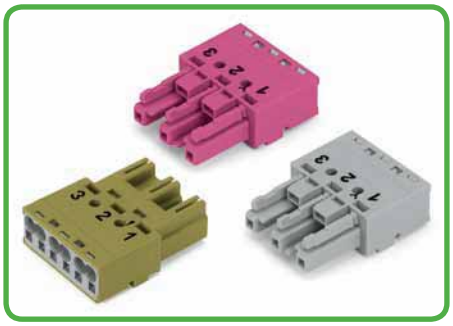


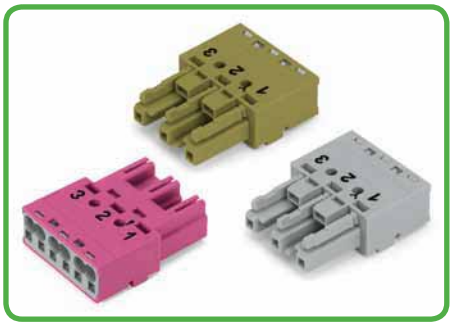
Pink, B-coded connector with "3 2 1" marking; e.g., bus signal (B circuit).



Plug compatibility







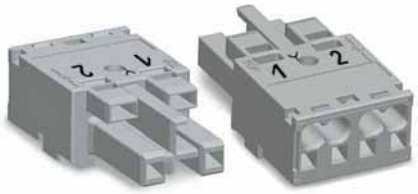
B-coded connectors with different colors can be plugged together.
Important note:
Different colors and/or pole marking are used for circuit identification.
Only connectors of the same color and same pole marking must be plugged together.

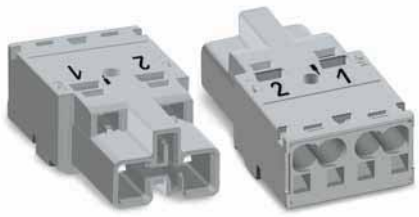
Handling instructions for conductor connection, shield termination, operating tools, mounting aids for *WINSTA*® MINI special connectors can be found in our Full Line Catalog, Volume 5.

WINSTA® MIDI special

Sockets and Plugs, 2-Pole

	2 x 0.5 – 4 mm² ❶ | 2 x AWG 20 – 12 250 V/4 kV/3 I_N 25 A 9 mm / 0.35 in ❷ Approvals	2 x 0.5 – 4 mm² ❶ | 2 x AWG 20 – 12 250 V/4 kV/3 I_N 25 A 9 mm / 0.35 in ❷ Approvals





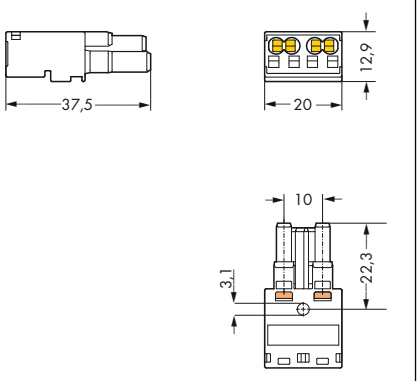
Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, 2-pole, with CAGE CLAMP® S connection	**Socket without strain relief housing**			**Plug without strain relief housing**		
	gray	**770-242**	100	gray	**770-252**	100
	light green	**770-262**	100	light green	**770-272**	100
	pink	**770-282**	100	pink	**770-292**	100
Item-Specific Accessories	**Item-Specific Accessories**					
	Lockout cap, for socket, separable, 12-pole			**Lockout cap,** for plug, separable, 5-pole		
		black	**770-201** 100		yellow	**770-360** 100
		white	**770-221** 100			
	Strain relief housing, for 1 cable, 5 – 9 mm diameter			**Strain relief housing,** for 1 cable, 5 – 9 mm diameter		
		black	**770-502/042-000** 50		black	**770-502/042-000** 50
		white	**770-512/042-000** 50		white	**770-512/042-000** 50
Accessories, 770 Series	**Accessories, 770 Series**					
	Locking lever, for "flying leads,"			**Locking lever, for "flying leads,"**		
		manually operated			**tool operated**	
		black	**770-101** 100 (4x25)		black	**770-111** 100 (4x25)
		white	**770-121** 100 (4x25)		white	**770-131** 100 (4x25)
Info	**Dimensions**					

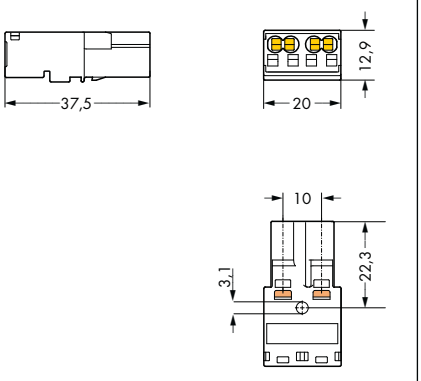
❶ Conductor sizes: 0.5 – 4 mm² "s + f-st"
0.5 – 2.5 mm² "stranded"

❷ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.

gray	Coding B	(1 2)
light green	Coding B	(1 2)
pink	Coding B	(1 2)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

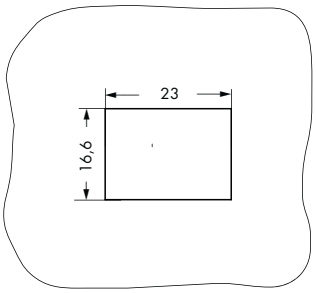




WINSTA® MIDI special

Snap-In Frames, 2-Pole

Cutout dimensions	Snap-in frames: – for 2-pole sockets and plugs (see page 41)	
Plate thickness: 0.5 – 2 mm Cutout tolerance: + 0.1 mm	Plate thickness: 1 – 3 mm	





Description	Color	Item No.	Pack. Unit
Snap-in frames	**Snap-in frame, 2-pole**		
	black	**770-317**	100
	white	**770-337**	100



Insert the socket or plug into the frame (observe the "TOP" marking on the frame!). Snap the assembled unit into the cutout (example shows a 3-pole connector).

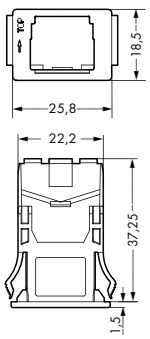
Info

❶ "Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5.

gray	Coding B	(1 2)
light green	Coding B	(1 2)
pink	Coding B	(1 2)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Dimensions



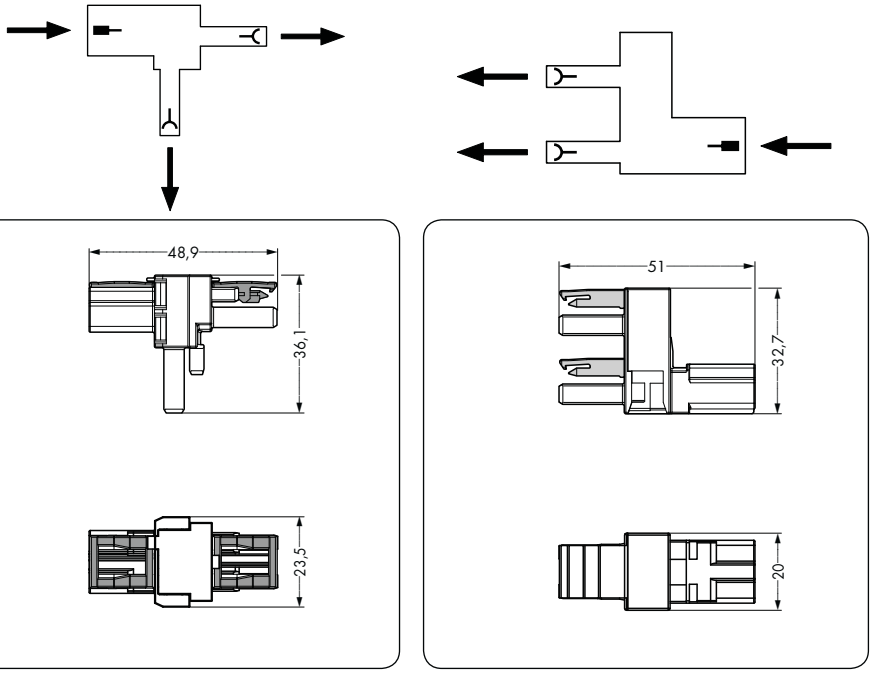
T- and h-Distribution Connectors, 2-Pole

	250 V/4 kV/3 I_N 25 A Available November 2012 ❶ Approvals	250 V/4 kV/3 I_N 25 A Available October 2012 ❶ Approvals





Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
T-distribution connectors,	**T-distribution connector, 1 x plug / 2 x socket**			**h-distribution connector, unidirectional,**		
h-distribution connectors	gray	**770-1601**	50	**plug / socket - socket**		
	light green	**770-1602**	50	gray	**770-1651**	50
	pink	**770-1603**	50	light green	**770-1652**	50
				pink	**770-1653**	50
	for "flying leads," with 3rd Locking lever			for "flying leads," with 3rd Locking lever		
	gray	**770-1701**	50	gray	**770-1751**	50
	light green	**770-1702**	50	light green	**770-1752**	50
	pink	**770-1703**	50	pink	**770-1753**	50
Item-Specific Accessories						
	Lockout cap, for socket, separable, 12-pole			**Lockout cap,** for socket, separable, 12-pole		
		black	**770-201** 100		black	**770-201** 100
		white	**770-221** 100		white	**770-221** 100
	Lockout cap, for plug, separable, 5-pole			**Lockout cap,** for plug, separable, 5-pole		
		yellow	**770-360** 100		yellow	**770-360** 100
Info	**Dimensions**					



WINSTA® MIDI special Cable Assemblies 2 x 1.5 mm²

PVC **Control line: 2 x 1.5, gray**

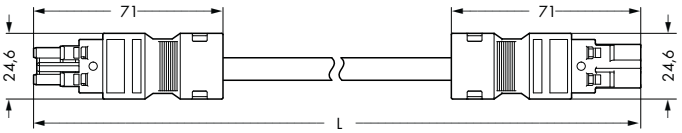
250 V/4 kV/3 I_N **16 A**

Conductor ends, bonded: 9 mm

❶ Approvals

Interconnecting cable, socket – plug

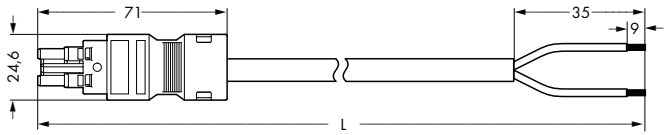




Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8992/006-103**
○	1 m	**771-8992/006-105**
○	1 m	**771-8992/006-107**

Connecting cable, socket – free end

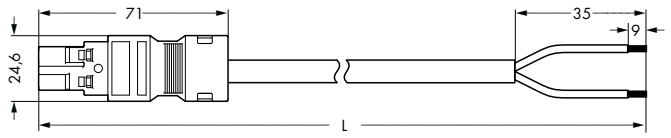




Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8992/106-103**
○	1 m	**771-8992/106-105**
○	1 m	**771-8992/106-107**

Connecting cable, plug – free end





Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8992/206-103**
○	1 m	**771-8992/206-105**
○	1 m	**771-8992/206-107**

Info

❶ "Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5.
Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

For other cables, please contact factory.

○ gray	Coding B	(1 2)
○ light green	Coding B	(1 2)
○ pink	Coding B	(1 2)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Accessories

Locking lever, for "flying leads,"



manually operated		
black	**770-101**	100 (4x25)
white	**770-121**	100 (4x25)

Locking lever, for "flying leads,"



tool operated		
black	**770-111**	100 (4x25)
white	**770-131**	100 (4x25)

Lockout cap, for socket, separable, 12-pole



black	**770-201**	100
white	**770-221**	100

Lockout cap, for plug, separable, 5-pole



yellow	**770-360**	100

Cable Assemblies 2 x 2.5 mm²

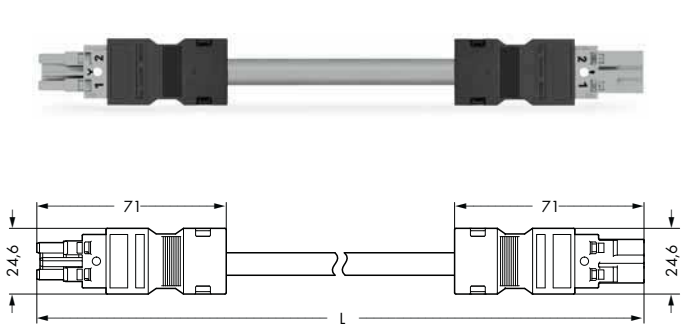
PVC **Control line: 2 x 2.5, gray**

250 V/4 kV/3 I_N 20 A

Conductor ends, bonded: 9 mm

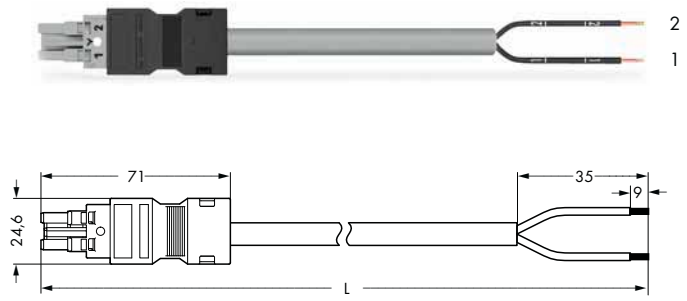
❶ Approvals

Interconnecting cable, socket – plug



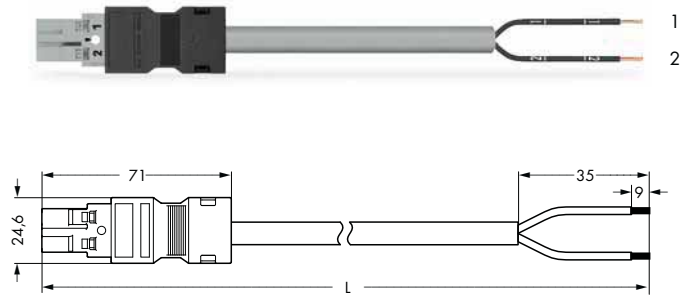
Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8992/007-103**
○	1 m	**771-8992/007-105**
○	1 m	**771-8992/007-107**

Connecting cable, socket – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8992/107-103**
○	1 m	**771-8992/107-105**
○	1 m	**771-8992/107-107**

Connecting cable, plug – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8992/207-103**
○	1 m	**771-8992/207-105**
○	1 m	**771-8992/207-107**

Item numbers overview for other cable lengths

Position	1 - 3	-	4	5	6	7	/	8	9	10	-	11	12	13
gray	**771**	**-**	**9**	**9**	**9**	**2**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**3**
light green	**771**	**-**	**9**	**9**	**9**	**2**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**5**
pink	**771**	**-**	**9**	**9**	**9**	**2**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**7**

The item numbers listed above correspond to the following cable version:
Interconnecting cable, 2-pole, socket – plug, PVC control line, 2 x 1.5 mm², 1 m

The 9th position defines whether it is a PVC or halogen-free cable. For example, an halogen-free cable with pink connectors has the following item number: 771-9992/0**1**6-107
The 10th position defines the cable cross-section. For example, a 2 x 1.5 mm² cable with light green connectors has the following item number: 771-9992/00**6**-105
The 11th position defines the cable length. For example, a 5 m cable with gray connectors has the following item number: 771-9992/006-**5**03

WINSTA® MIDI special Sockets and Plugs, 3-Pole

	2 x 0.5 – 4 mm² ❶ | 2 x AWG 20 – 12 250 V/4 kV/3 I_N 25 A 9 mm / 0.35 in ❷ Approvals	2 x 0.5 – 4 mm² ❶ | 2 x AWG 20 – 12 250 V/4 kV/3 I_N 25 A 9 mm / 0.35 in ❷ Approvals





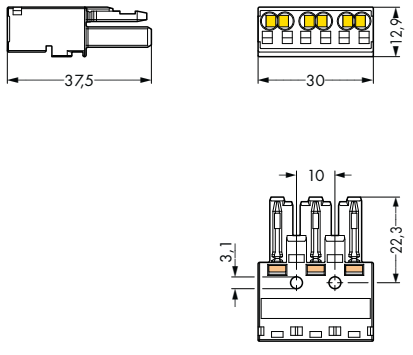
Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, 3-pole, with CAGE CLAMP® S connection	**Socket**			**Plug**		
	gray	**770-243**	100	gray	**770-253**	100
	light green	**770-263**	100	light green	**770-273**	100
	pink	**770-283**	100	pink	**770-293**	100
Item-Specific Accessories						
	Strain relief housing, for 2 cables, 8.5 – 11.5 mm diameter			**Strain relief housing,** for 2 cables, 8.5 – 11.5 mm diameter		
	black	**770-503**	50	black	**770-503**	50
	white	**770-513**	50	white	**770-513**	50
	Lockout cap, for socket, separable, 12-pole			**Lockout cap,** for plug, separable, 5-pole		
	black	**770-201**	100	yellow	**770-360**	100
	white	**770-221**	100			
	Marker, for manual marking			**Coding pin,** for plug (A and B coding)		
	white	**770-450**	50	gray	**770-401**	100
Accessories, 770 Series						
	Locking lever, for "flying leads,"			**Locking lever, for "flying leads,"**		
	manually operated			**tool operated**		
	black	**770-101**	100 (4x25)	black	**770-111**	100 (4x25)
	white	**770-121**	100 (4x25)	white	**770-131**	100 (4x25)
Info	**Dimensions**					

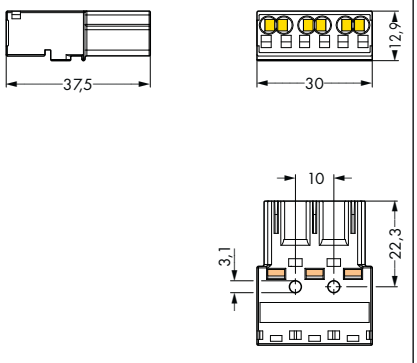
❶ Conductor sizes: 0.5 – 4 mm² "s + f-st"
0.5 – 2.5 mm² "stranded"

❷ "Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5.

gray	Coding B	(1 2 3)
light green	Coding B	(1 2 3)
pink	Coding B	(1 2 3)

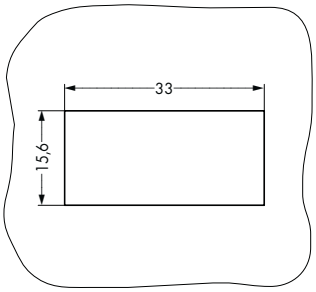
For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

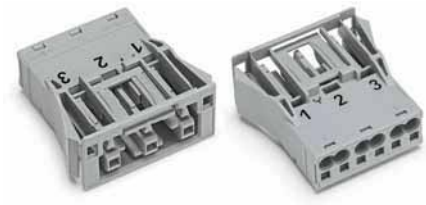




Snap-In Sockets and Plugs, 3-Pole

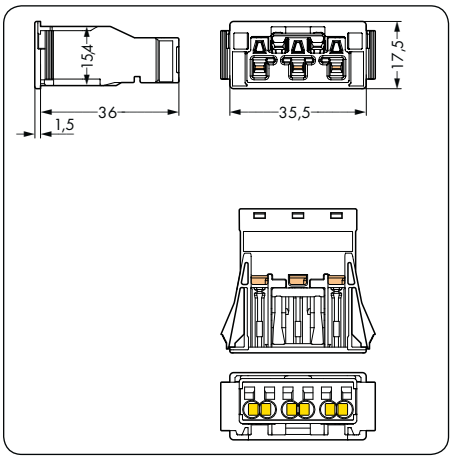
Cutout dimensions Plate thickness: 0.5 – 2 mm Cutout tolerance: + 0.1 mm	2 x 0.5 – 4 mm² ❶ | 2 x AWG 20 – 12 250 V/4 kV/3 I_N 25 A 9 mm / 0.35 in ❷ Approvals	2 x 0.5 – 4 mm² ❶ | 2 x AWG 20 – 12 250 V/4 kV/3 I_N 25 A 9 mm / 0.35 in ❷ Approvals

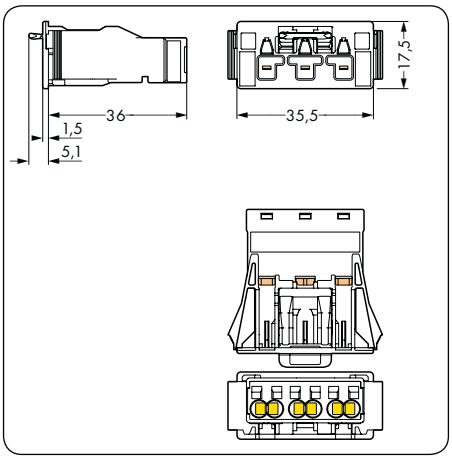






Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, snap-in device connection, 3-pole, with CAGE CLAMP®S connection	**Socket**			**Plug**		
	gray	**770-743**	100	gray	**770-753**	100
	light green	**770-763**	100	light green	**770-773**	100
	pink	**770-783**	100	pink	**770-793**	100
Item-Specific Accessories	**Item-Specific Accessories**					
	Lockout cap, for socket, separable, 12-pole			**Lockout cap,** for plug, separable, 5-pole		
	black	**770-201**	100	yellow	**770-360**	100
	white	**770-221**	100			
				Coding pin, for plug (A and B coding)		
				gray	**770-401**	100
Accessories, 770 Series	**Accessories, 770 Series**					
	Lockout cap, for cutout, 3-pole			**Lockout cap,** for cutout, 3-pole		
	black	**770-643**	100	black	**770-643**	100
	white	**770-693**	100	white	**770-693**	100
Info	**Dimensions**					





WINSTA® MIDI special PCB Connectors, 3-Pole

	250 V/4 kV/3 I_N 25 A ❶ ❷ Approvals	250 V/4 kV/3 I_N 25 A ❶ ❷ Approvals





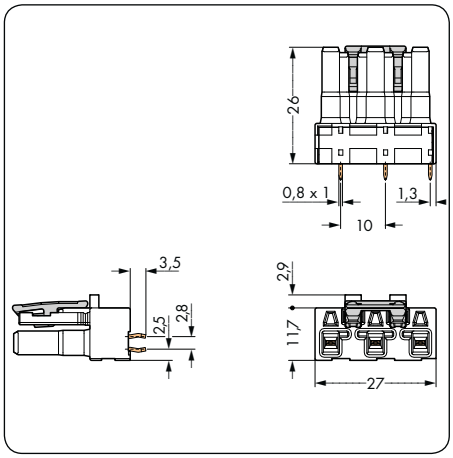
Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
PCB connectors, **2 solder pins per pole**	**Socket,** straight			**Plug,** straight		
	gray	**770-843**	100	gray	**770-853**	100
	light green	**770-863**	100	light green	**770-873**	100
	pink	**770-883**	100	pink	**770-893**	100
Item-Specific Accessories						
	Lockout cap, for socket, separable, 12-pole			**Lockout cap,** for plug, separable, 5-pole		
		black	**770-201** 100		yellow	**770-360** 100
		white	**770-221** 100			
				Coding pin, for plug (A and B coding)		
					gray	**770-401** 100
Accessories, 770 Series						
	Locking lever, for "flying leads,"			**Locking lever, for "flying leads,"**		
		manually operated			**tool operated**	
		black	**770-101** 100 (4x25)		black	**770-111** 100 (4x25)
		white	**770-121** 100 (4x25)		white	**770-131** 100 (4x25)
Info	**Dimensions**					

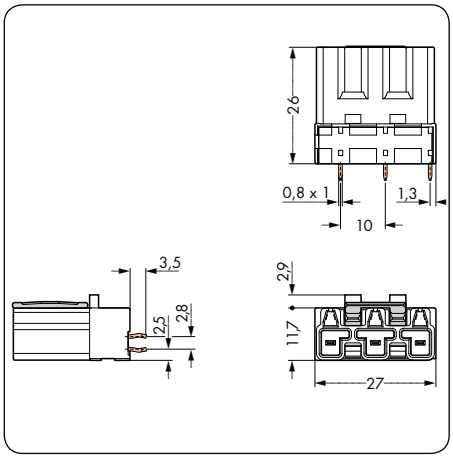
❶ For current load, see table on page 49.

❷ "Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5.

gray	Coding B	(1 2 3)
light green	Coding B	(1 2 3)
pink	Coding B	(1 2 3)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.





250 V/4 kV/3 I_N 25 A ❶ ❷ Approvals	250 V/4 kV/3 I_N 25 A ❶ ❷ Approvals





❶ **Nominal current depends on PCB track dimensions**

Nominal current	Thickness of PCB track	Width of PCB track	Conductor size
16 A	70 µm single side	7 mm / 0.27 in	≙ 1.5 mm²
20 A	70 µm single side	7 mm / 0.27 in	≙ 2.5 mm²
25 A	105 µm both sides	7 mm / 0.27 in	≙ 4 mm²

Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Socket, angled			**Plug,** angled		
gray	**770-843/011-000**	100	gray	**770-853/011-000**	100
light green	**770-863/011-000**	100	light green	**770-873/011-000**	100
pink	**770-883/011-000**	100	pink	**770-893/011-000**	100

Item-Specific Accessories

Lockout cap, for socket, separable, 12-pole



black	**770-201**	100
white	**770-221**	100

Lockout cap, for plug, separable, 5-pole



yellow	**770-360**	100

Coding pin, for plug (A and B coding)



gray	**770-401**	100

Accessories, 770 Series

Locking lever, for "flying leads,"



manually operated

black	**770-101**	100 (4x25)
white	**770-121**	100 (4x25)

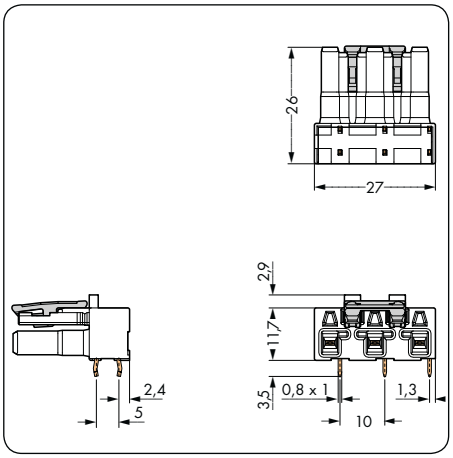
Locking lever, for "flying leads,"

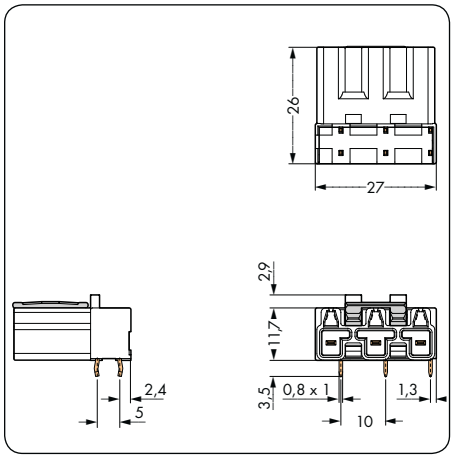


tool operated

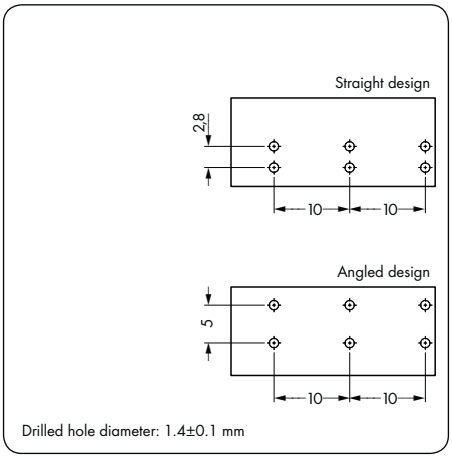
black	**770-111**	100 (4x25)
white	**770-131**	100 (4x25)

Dimensions





Hole patterns



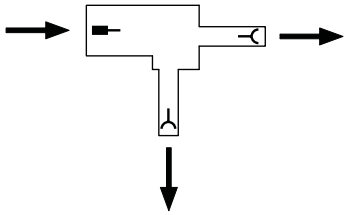
WINSTA® MIDI special T- and h-Distribution Connectors, 3-Pole

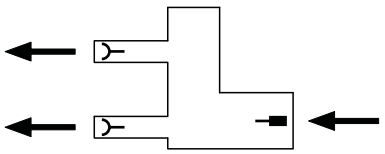
	250 V/4 kV/3 I_N 25 A ❶ Approvals	250 V/4 kV/3 I_N 25 A ❶ Approvals *Available 1th Quarter 2013*





Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
T-distribution connectors, h-distribution connectors	**T-distribution connector, 1 x plug / 2 x socket**			**h-distribution connector, unidirectional, plug / socket - socket**		
	gray	**770-967**	50	gray	**770-1661**	50
	light green	**770-1612**	50	light green	**770-1662**	50
	pink	**770-1613**	50	pink	**770-1663**	50
	for "flying leads," with 3rd locking lever			for "flying leads," with 3rd locking lever		
	gray	**770-970**	50	gray	**770-1761**	50
	light green	**770-1712**	50	light green	**770-1762**	50
	pink	**770-1713**	50	pink	**770-1763**	50
Item-Specific Accessories						
	Lockout cap, for socket, separable, 12-pole			**Mounting plate, for distribution connectors**		
		black white	**770-201** 100 **770-221** 100		black white	**770-623** 100 **770-673** 100
	Lockout cap, for plug, separable, 5-pole			**Fixing pin, for mounting plates**		
		yellow	**770-360** 100		❷ black ❸ black	**890-601** 250 **770-601** 250
				Lockout cap, for socket, separable, 12-pole		
					black white	**770-201** 100 **770-221** 100
Info	**Dimensions**					



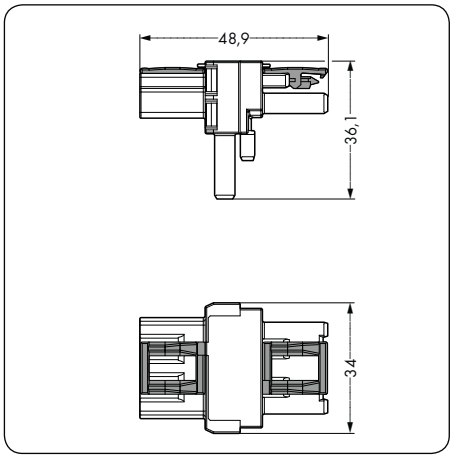


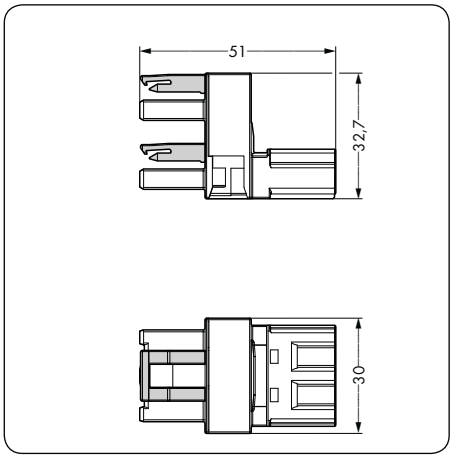
❶ "Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5.

❷ 5.0 mm Ø, 0.2 – 1.2 mm plate thickness
❸ 6.0 mm Ø, 1 – 2.5 mm plate thickness

gray	Coding B	(1 2 3)
light green	Coding B	(1 2 3)
pink	Coding B	(1 2 3)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.



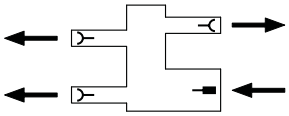


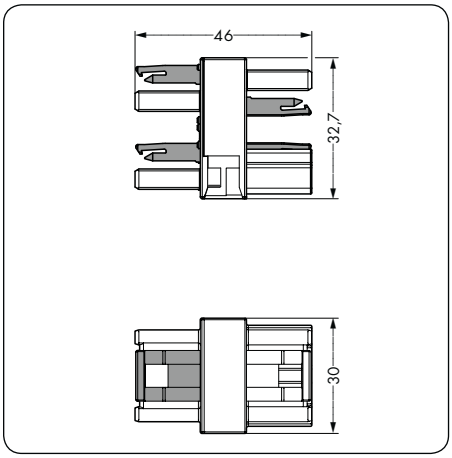
Distribution Connectors, 3-Pole

	250 V/4 kV/3 I_N 25 A *Available 1th Quarter 2013* ❶ Approvals	



Description	Color	Item No.	Pack. Unit	
Distribution connectors, 3-pole	**Distribution connector, 3-way, 1 x plug / 3 x socket**			
	gray	**770-1714**	50	
	light green	**770-1715**	50	
	pink	**770-1716**	50	
Item-Specific Accessories				
	Mounting plate, for distribution connectors			
		black	**770-623**	25
		white	**770-673**	25
	Fixing pin, for mounting plates			
		❷ black	**890-601**	250
		❸ black	**770-601**	250
	Lockout cap, for socket, separable, 12-pole			
		black	**770-201**	100
		white	**770-221**	100
	Lockout cap, for plug, separable, 5-pole			
		yellow	**770-360**	100
	Dimensions			





WINSTA® MIDI special Cable Assemblies 3 x 1.5 mm²

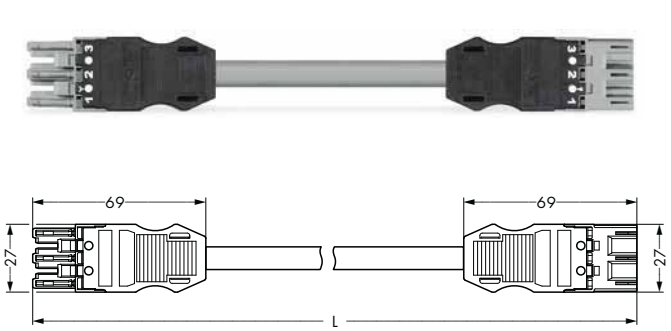
PVC **Control line: 3 x 1.5, gray**

250 V/4 kV/3 I_N **16 A**

Conductor ends, bonded: 9 mm

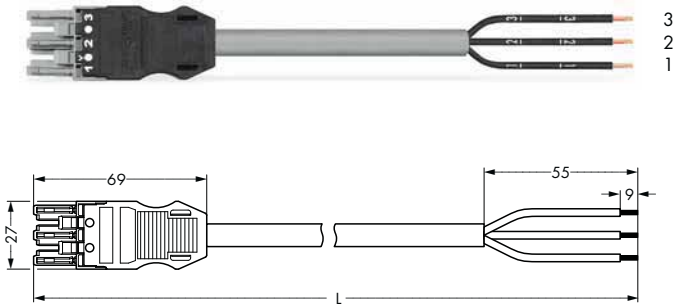
❶ Approvals

Interconnecting cable, socket – plug



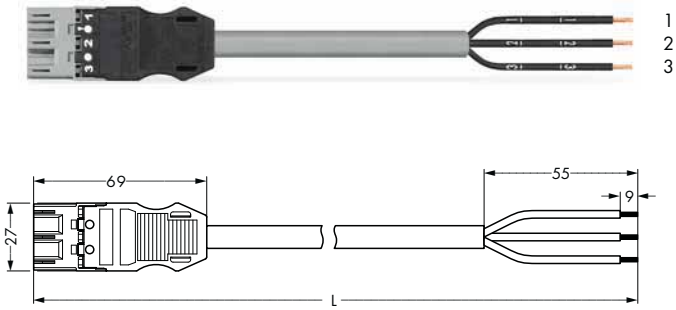
Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-9993/006-103**
○	1 m	**771-9993/006-105**
○	1 m	**771-9993/006-107**

Connecting cable, socket – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-9993/106-103**
○	1 m	**771-9993/106-105**
○	1 m	**771-9993/106-107**

Connecting cable, plug – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-9993/206-103**
○	1 m	**771-9993/206-105**
○	1 m	**771-9993/206-107**

Info

❶ **"Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5. Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.**

For other cables, please contact factory.

○ gray	Coding B	(1 2 3)
○ light green	Coding B	(1 2 3)
○ pink	Coding B	(1 2 3)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Accessories

Locking lever, for "flying leads,"



manually operated

black	**770-101**	100 (4x25)
white	**770-121**	100 (4x25)

Locking lever, for "flying leads,"



tool operated

black	**770-111**	100 (4x25)
white	**770-131**	100 (4x25)

Lockout cap, for socket, separable, 12-pole



black	**770-201**	100
white	**770-221**	100

Marker, for manual marking



white	**770-450**	50

Cable Assemblies 3 x 2.5 mm²

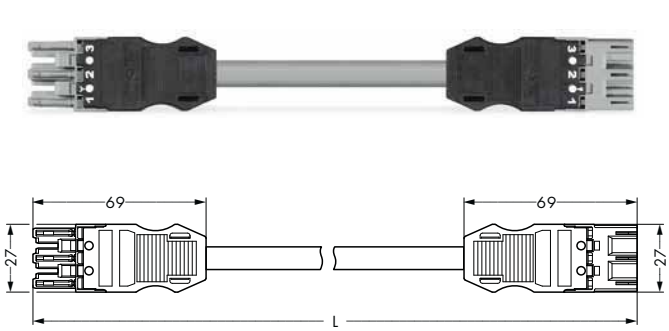
PVC **Control line: 3 x 2.5, gray**

250 V/4 kV/3 I_N **20 A**

Conductor ends, bonded: 9 mm

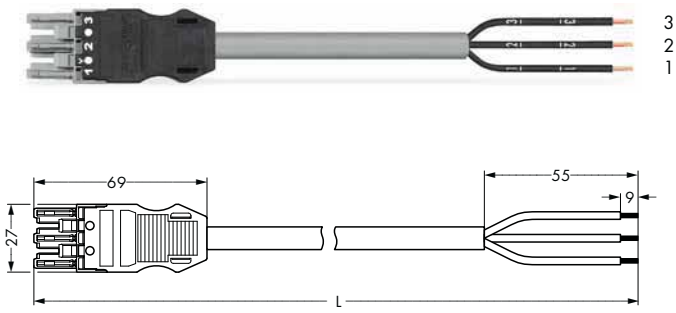
❶ Approvals

Interconnecting cable, socket – plug



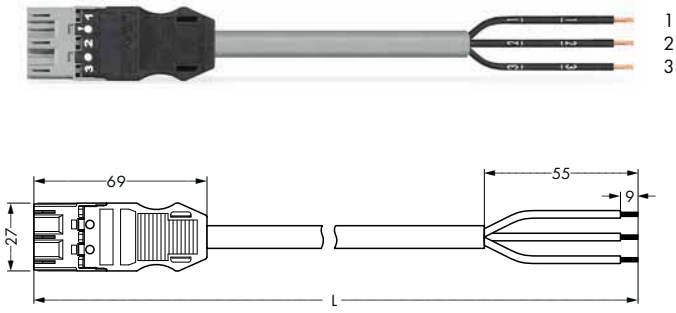
Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-9993/007-103**
○	1 m	**771-9993/007-105**
○	1 m	**771-9993/007-107**

Connecting cable, socket – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-9993/107-103**
○	1 m	**771-9993/107-105**
○	1 m	**771-9993/107-107**

Connecting cable, plug – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-9993/207-103**
○	1 m	**771-9993/207-105**
○	1 m	**771-9993/207-107**

Item numbers overview for other cable lengths

Position	1 - 3	-	4	5	6	7	/	8	9	10	-	11	12	13
gray	**771**	**-**	**9**	**9**	**9**	**3**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**3**
light green	**771**	**-**	**9**	**9**	**9**	**3**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**5**
pink	**771**	**-**	**9**	**9**	**9**	**3**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**7**

The item numbers listed above correspond to the following cable version:
Interconnecting cable, 3-pole, socket – plug, PVC control line, 3 x 1.5 mm², 1 m

The 9th position defines whether it is a PVC or halogen-free cable. For example, an halogen-free cable with pink connectors has the following item number: 771-9993/0**1**6-107
The 10th position defines the cable cross-section. For example, a 3 x 1 mm² cable with light green connectors has the following item number: 771-9993/00**5**-105
The 11th position defines the cable length. For example, a 5 m cable with gray connectors has the following item number: 771-9993/006-**5**03

WINSTA® MIDI special

Sockets and Plugs, 4-Pole

	2 x 0.5 – 4 mm² ❶ 400 V/6 kV/3 I_N 25 A ❸ | 2 x AWG 20 – 12 9 mm / 0.35 in ❷ Approvals	2 x 0.5 – 4 mm² ❶ 400 V/6 kV/3 I_N 25 A ❸ | 2 x AWG 20 – 12 9 mm / 0.35 in ❷ Approvals





Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, 4-pole, with CAGE CLAMP®S connection	**Socket without strain relief housing**			**Plug without strain relief housing**		
	gray	**770-244**	50	gray	**770-254**	50
	light green	**770-264**	50	light green	**770-274**	50
	pink	**770-284**	50	pink	**770-294**	50
Item-Specific Accessories						
	Strain relief housing, for 2 cables, 8.5 – 11.5 mm diameter			**Strain relief housing,** for 2 cables, 8.5 – 11.5 mm diameter		
	black	**770-504**	50	black	**770-504**	50
	white	**770-514**	50	white	**770-514**	50
	Lockout cap, for socket, separable, 12-pole			**Lockout cap,** for plug, separable, 5-pole		
	black	**770-201**	100	yellow	**770-360**	100
	white	**770-221**	100			
	Marker, for manual marking			**Coding pin,** for plug (A and B coding)		
	white	**770-450**	50	gray	**770-401**	100
Accessories, 770 Series						
	Locking lever, for "flying leads,"			**Locking lever, for "flying leads,"**		
	manually operated			**tool operated**		
	black	**770-101**	100 (4x25)	black	**770-111**	100 (4x25)
	white	**770-121**	100 (4x25)	white	**770-131**	100 (4x25)
Info	**Dimensions**					

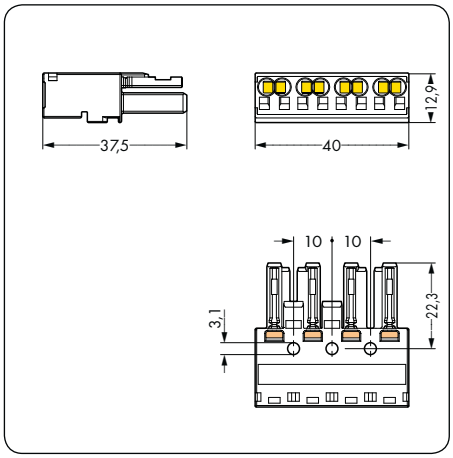
❶ Conductor sizes: 0.5 – 4 mm² "s + f-st"
0.5 – 2.5 mm² "stranded"

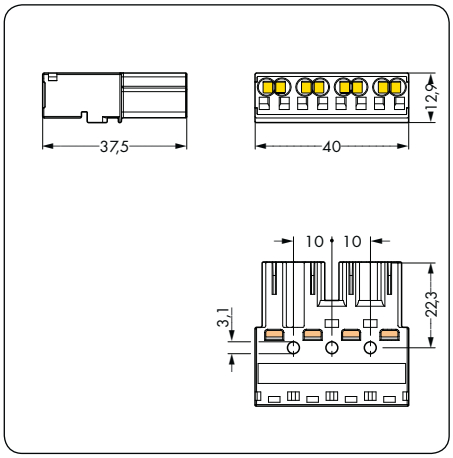
❷ "Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5.

❸ Full rated current can only be applied to a maximum of 3 poles!

gray	Coding B	(1 2 3 4)
light green	Coding B	(1 2 3 4)
pink	Coding B	(1 2 3 4)

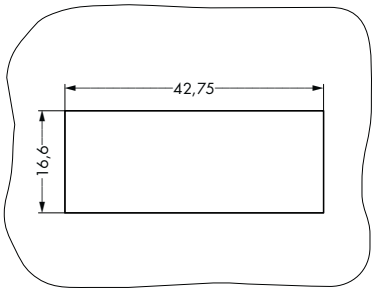
For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.





Snap-In Sockets and Plugs, 4-Pole

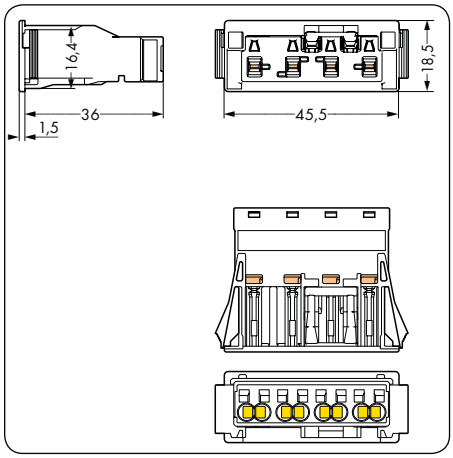
Cutout dimensions Plate thickness: 0.5 – 2 mm Cutout tolerance: + 0.1 mm	2 x 0.5 – 4 mm² ❶ | 2 x AWG 20 – 12 400 V/6 kV/3 I_N 25 A ❸ 9 mm / 0.35 in ❷ Approvals	2 x 0.5 – 4 mm² ❶ | 2 x AWG 20 – 12 400 V/6 kV/3 I_N 25 A ❸ 9 mm / 0.35 in ❷ Approvals

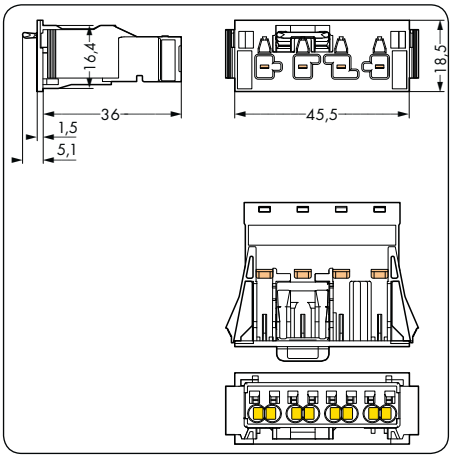






Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, snap-in device connection, 3-pole, with CAGE CLAMP®S connection	**Socket**			**Plug**		
	gray	**770-744**	100	gray	**770-754**	100
	light green	**770-764**	100	light green	**770-774**	100
	pink	**770-784**	100	pink	**770-794**	100
Item-Specific Accessories						
	Lockout cap, for socket, separable, 12-pole			**Lockout cap,** for plug, separable, 5-pole		
	black	**770-201**	100	yellow	**770-360**	100
	white	**770-221**	100			
				Coding pin, for plug (A and B coding)		
				gray	**770-401**	100
Accessories, 770 Series						
	Lockout cap, for cutout, 4-pole			**Lockout cap,** for cutout, 4-pole		
	black	**770-644**	100	black	**770-644**	100
	white	**770-694**	100	white	**770-694**	100
Info	**Dimensions**					





WINSTA® MIDI

PCB Connectors, 4-Pole

	400 V/6 kV/3 I_N 25 A 1 3 ❷ Approvals	400 V/6 kV/3 I_N 25 A 1 3 ❷ Approvals





Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
PCB connectors, **2 solder pins per pole**	**Socket,** straight			**Plug,** straight		
	gray	**770-844**	100	gray	**770-854**	100
	light green	**770-864**	100	light green	**770-874**	100
	pink	**770-884**	100	pink	**770-894**	100
Item-Specific Accessories						
	Lockout cap, for socket, separable, 12-pole			**Lockout cap,** for plug, separable, 5-pole		
						
	black	**770-201**	100	yellow	**770-360**	100
	white	**770-221**	100			
				Coding pin, for plug (A and B coding)		
						
				gray	**770-401**	100
Accessories, 770 Series						
	Locking lever, for "flying leads,"			**Locking lever, for "flying leads,"**		
						
		manually operated			**tool operated**	
	black	**770-101**	100 (4x25)	black	**770-111**	100 (4x25)
	white	**770-121**	100 (4x25)	white	**770-131**	100 (4x25)
Info	**Dimensions**					

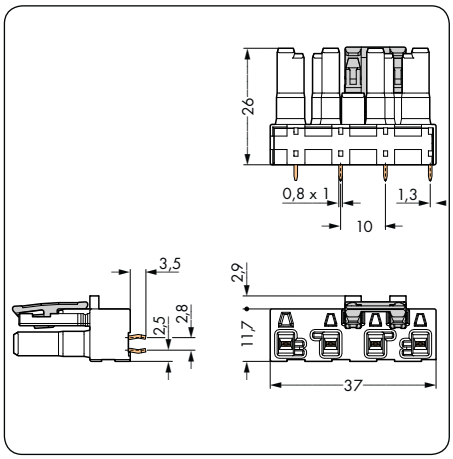
❶ For current load, see table on page 57.

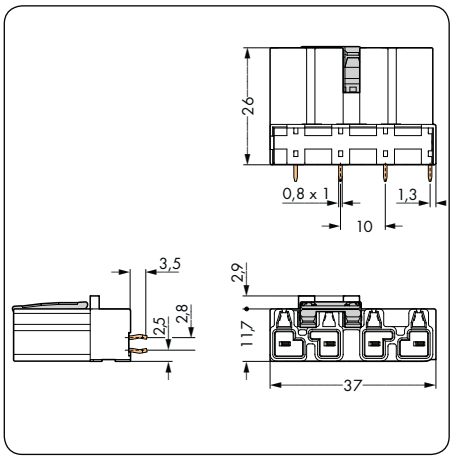
❷ "Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5.

❸ Full rated current can only be applied to a maximum of 3 poles!

gray	Coding B	(1 2 3 4)
light green	Coding B	(1 2 3 4)
pink	Coding B	(1 2 3 4)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.





400 V/6 kV/3 I_N 25 A 1 3 ❷ Approvals	400 V/6 kV/3 I_N 25 A 1 3 ❷ Approvals





❶ Nominal current depends on PCB track dimensions

Nominal current	Thickness of PCB track	Width of PCB track	Conductor size
16 A	70 µm single side	7 mm	≙ 1.5 mm²
20 A	70 µm single side	7 mm	≙ 2.5 mm²
25 A	105 µm both sides	7 mm	≙ 4 mm²

Color	Item No.	Pack. Unit
Socket, angled		
gray	**770-844/011-000**	100
light green	**770-864/011-000**	100
pink	**770-884/011-000**	100

Color	Item No.	Pack. Unit
Plug, angled		
gray	**770-854/011-000**	100
light green	**770-874/011-000**	100
pink	**770-894/011-000**	100

Item-Specific Accessories

Lockout cap, for socket, separable, 12-pole



black	**770-201**	100
white	**770-221**	100

Lockout cap, for plug, separable, 5-pole



yellow	**770-360**	100

Coding pin, for plug



gray	**770-401**	100

Accessories, 770 Series

Locking lever, for "flying leads,"



manually operated

black	**770-101**	100 (4x25)
white	**770-121**	100 (4x25)

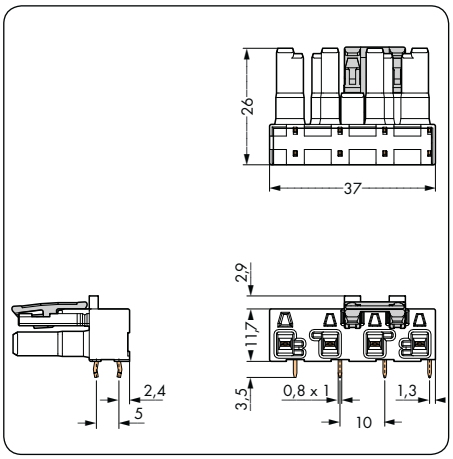
Locking lever, for "flying leads,"

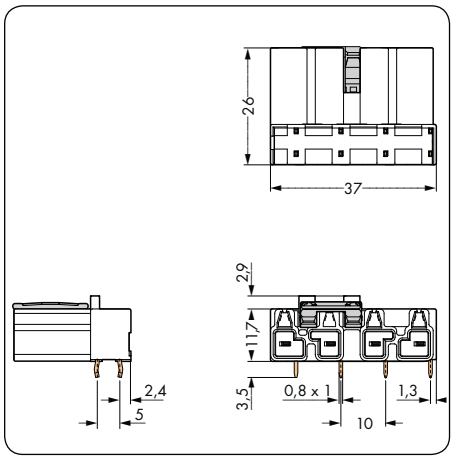


tool operated

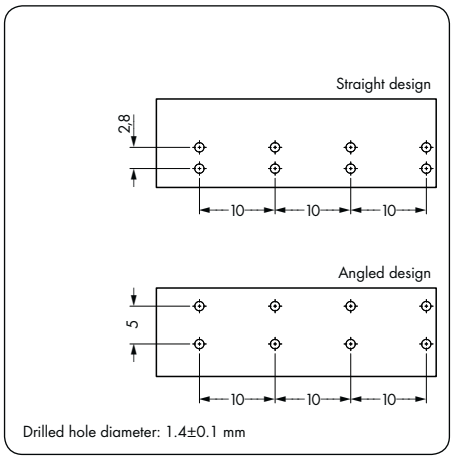
black	**770-111**	100 (4x25)
white	**770-131**	100 (4x25)

Dimensions





Hole patterns



WINSTA® MIDI special

T- and h-Distribution Connectors, 4-Pole

	400 V/6 kV/3 I_N 25 A ❹ ❶ Approvals *Available 4th Quarter 2012*	400 V/6 kV/3 I_N 25 A ❹ ❶ Approvals *Available 4th Quarter 2012*





Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
T-distribution connectors,	**T-distribution connector, 1 x plug / 2 x socket**			**h-distribution connector, unidirectional,**		
h-distribution connectors,				**plug / socket - socket**		
4-pole	gray	**770-1631**	50	gray	**770-1681**	50
	light green	**770-1632**	50	light green	**770-1682**	50
	pink	**770-1633**	50	pink	**770-1683**	50
	for "flying leads," with 3rd Locking lever			for "flying leads," with 3rd Locking lever		
	gray	**770-1731**	50	gray	**770-1781**	50
	light green	**770-1732**	50	light green	**770-1782**	50
	pink	**770-1733**	50	pink	**770-1783**	50

Item-Specific Accessories

	Lockout cap, for socket, separable, 12-pole			**Mounting plate, for distribution connectors**		
		black	**770-201** 100		black	**770-624** 100
		white	**770-221** 100		white	**770-674** 100
	Lockout cap, for plug, separable, 5-pole			**Fixing pin, for mounting plates**		
		yellow	**770-360** 100		❷ black	**890-601** 250
					❸ black	**770-601** 250
				Lockout cap, for socket, separable, 12-pole		
					black	**770-201** 100
					white	**770-221** 100

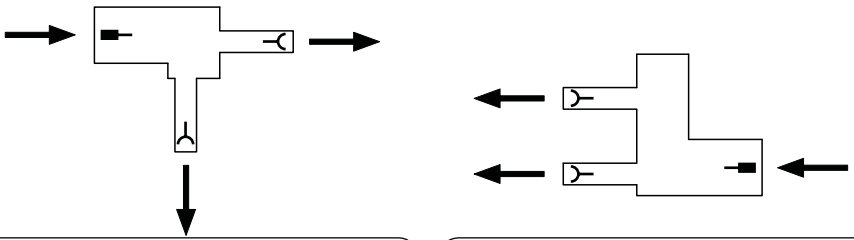
Info

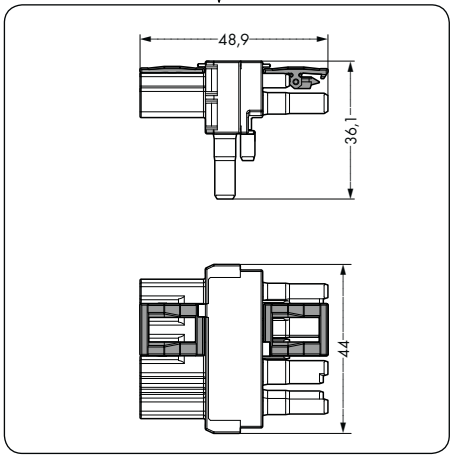
❶ "Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5.
❷ 5.0 mm Ø, 0.2 – 1.2 mm plate thickness
❸ 6.0 mm Ø, 1 – 2.5 mm plate thickness
❹ Full rated current can only be applied to a maximum of 3 poles!

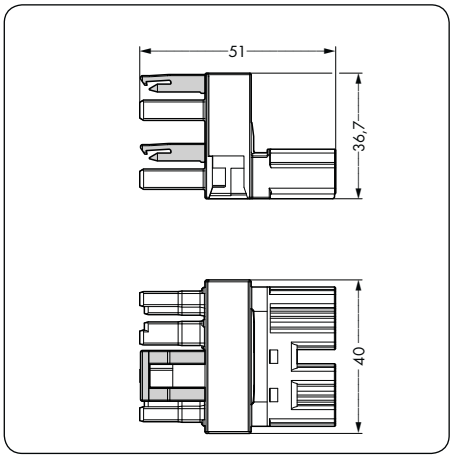
gray	Coding B	(1 2 3 4)
light green	Coding B	(1 2 3 4)
pink	Coding B	(1 2 3 4)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Dimensions







Distribution Connectors, 4-Pole

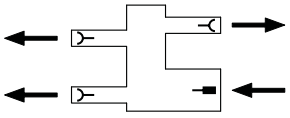
250 V/4 kV/3
I_N 25 A

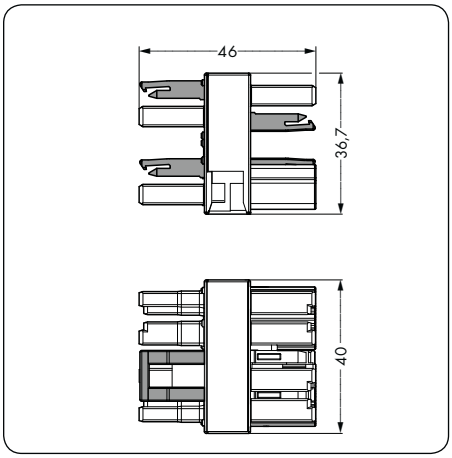
Available 1st Quarter 2013

❶ Approvals



Description	Color	Item No.	Pack. Unit
Distribution connectors, 4-pole	**Distribution connector, 3-way, 1 x plug / 3 x socket**		
	gray	**770-1734**	50
	light green	**770-1735**	50
	pink	**770-1736**	50
Item-Specific Accessories			
	Mounting plate, for distribution connectors		
	 black	**770-623**	25
	white	**770-673**	25
	Fixing pin, for mounting plates		
	 ❷ black	**890-601**	250
	❸ black	**770-601**	250
	Lockout cap, for socket, separable, 12-pole		
	 black	**770-201**	100
	white	**770-221**	100
	Lockout cap, for plug, separable, 5-pole		
	 yellow	**770-360**	100
	Dimensions		





WINSTA® MIDI special Cable Assemblies 4 x 1.5 mm²

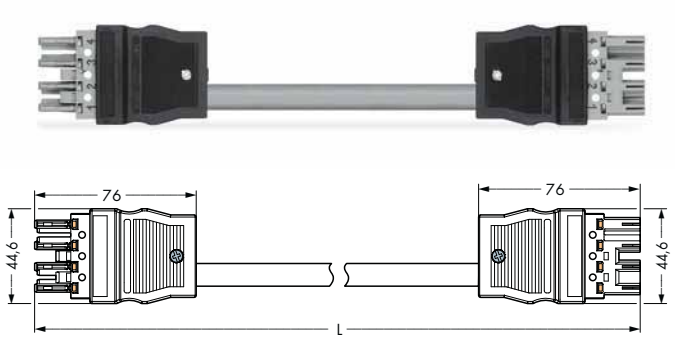
PVC **Control line: 4 x 1.5, gray**

400 V/6 kV/3 I_N **16 A ❷**

Conductor ends, bonded: 9 mm

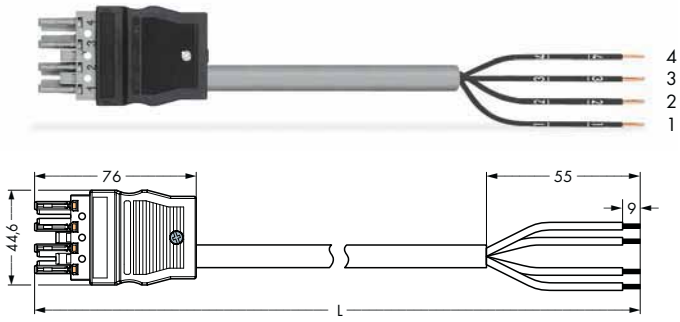
❶ Approvals

Interconnecting cable, socket – plug



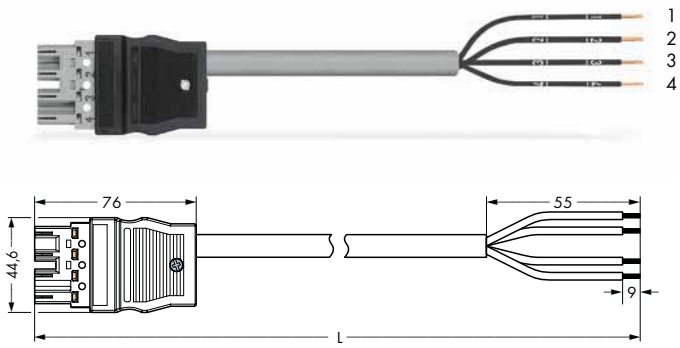
Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8994/006-103**
○	1 m	**771-8994/006-105**
○	1 m	**771-8994/006-107**

Connecting cable, socket – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8994/106-103**
○	1 m	**771-8994/106-105**
○	1 m	**771-8994/106-107**

Connecting cable, plug – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8994/206-103**
○	1 m	**771-8994/206-105**
○	1 m	**771-8994/206-107**

Info

❶ "Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5.
Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

❷ Full rated current can only be applied to a maximum of 3 poles!
For other cables, please contact factory.

○ gray	Coding B	(1 2 3 4)
○ light green	Coding B	(1 2 3 4)
○ pink	Coding B	(1 2 3 4)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Accessories

Locking lever, for "flying leads,"



manually operated

black	**770-101**	100 (4x25)
white	**770-121**	100 (4x25)

Locking lever, for "flying leads,"



tool operated

black	**770-111**	100 (4x25)
white	**770-131**	100 (4x25)

Lockout cap, for socket, separable, 12-pole



black	**770-201**	100
white	**770-221**	100

Marker, for manual marking



white	**770-450**	50

Cable Assemblies 4 x 2.5 mm²

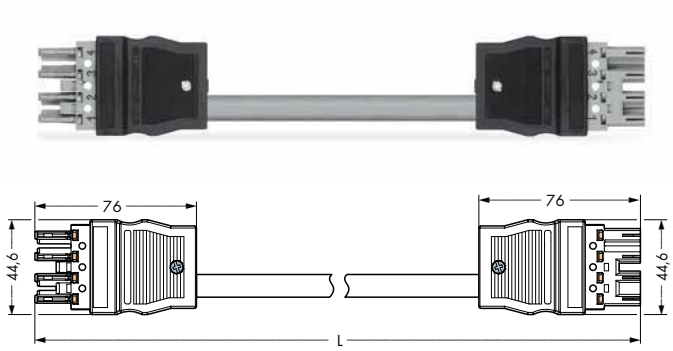
PVC **Control line: 4 x 2.5, gray**

400 V/6 kV/3 I_N **20 A ❷**

Conductor ends, bonded: 9 mm

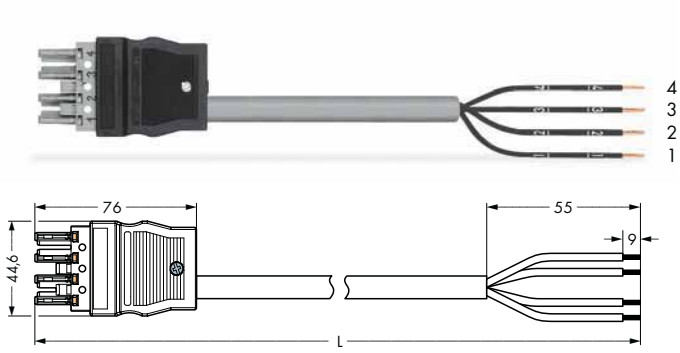
❶ Approvals

Interconnecting cable, socket – plug



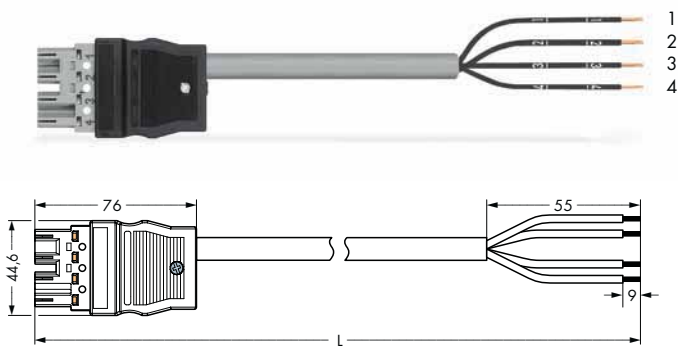
Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8994/007-103**
○	1 m	**771-8994/007-105**
○	1 m	**771-8994/007-107**

Connecting cable, socket – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8994/107-103**
○	1 m	**771-8994/107-105**
○	1 m	**771-8994/107-107**

Connecting cable, plug – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8994/207-103**
○	1 m	**771-8994/207-105**
○	1 m	**771-8994/207-107**

Item numbers overview for other cable lengths

Position	1 - 3	-	4	5	6	7	/	8	9	10	-	11	12	13
gray	**771**	**-**	**8**	**9**	**9**	**4**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**3**
light green	**771**	**-**	**8**	**9**	**9**	**4**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**5**
pink	**771**	**-**	**8**	**9**	**9**	**4**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**7**

The item numbers listed above correspond to the following cable version:
Interconnecting cable, 4-pole, socket – plug, PVC control line, 4 x 1.5 mm², 1 m

The 9th position defines whether it is a PVC or halogen-free cable. For example, an halogen-free cable with pink connectors has the following item number: 771-8994/0**1**6-107
The 10th position defines the cable cross-section. For example, a 4 x 1.5 mm² cable with light green connectors has the following item number: 771-8994/00**6**-105
The 11th position defines the cable length. For example, a 5 m cable with gray connectors has the following item number: 771-8994/006-**5**03

WINSTA® MIDI special

Sockets and Plugs, 5-Pole

	2 x 0.5 – 4 mm² ❶ 400 V/6 kV/3 I_N 25 A ❸ | 2 x AWG 20 – 12 9 mm / 0.35 in ❷ Approvals	2 x 0.5 – 4 mm² ❶ 400 V/6 kV/3 I_N 25 A ❸ | 2 x AWG 20 – 12 9 mm / 0.35 in ❷ Approvals





Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, 4-pole, with CAGE CLAMP® S connection	**Socket without strain relief housing**			**Plug without strain relief housing**		
	gray	**770-245**	50	gray	**770-255**	50
	light green	**770-265**	50	light green	**770-275**	50
	pink	**770-285**	50	pink	**770-295**	50
Item-Specific Accessories						
	Strain relief housing, for 2 cables, 8.5 – 11.5 mm diameter			**Strain relief housing,** for 2 cables, 8.5 – 11.5 mm diameter		
	black	**770-505**	25	black	**770-505**	25
	white	**770-515**	25	white	**770-515**	25
	Lockout cap, for socket, separable, 12-pole			**Lockout cap,** for plug, separable, 5-pole		
	black	**770-201**	100	yellow	**770-360**	100
	white	**770-221**	100			
	Marker, for manual marking			**Coding pin,** for plug (A and B coding)		
	white	**770-450**	50	gray	**770-401**	100
Accessories, 770 Series						
	Locking lever, for "flying leads,"			**Locking lever, for "flying leads,"**		
		manually operated			**tool operated**	
	black	**770-101**	100 (4x25)	black	**770-111**	100 (4x25)
	white	**770-121**	100 (4x25)	white	**770-131**	100 (4x25)
Info	**Dimensions**					

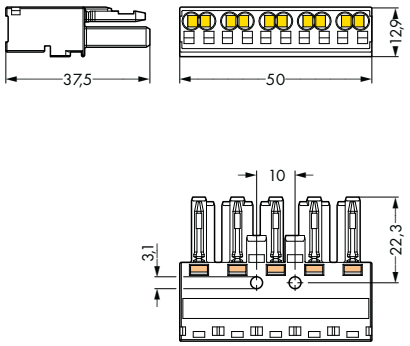
❶ Conductor sizes: 0.5 – 4 mm² "s + f-st"
0.5 – 2.5 mm² "stranded"

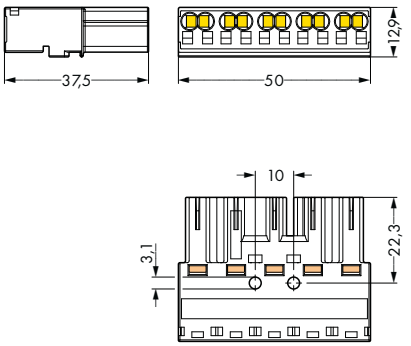
❷ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.

❸ Full rated current can only be applied to a maximum of 3 poles!

gray	Coding B	(1 2 3 4 5)
light green	Coding B	(1 2 3 4 5)
pink	Coding B	(1 2 3 4 5)

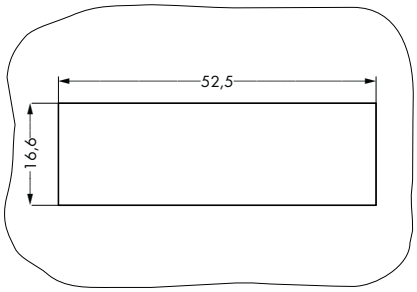
For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.





Snap-In Sockets and Plugs, 5-Pole

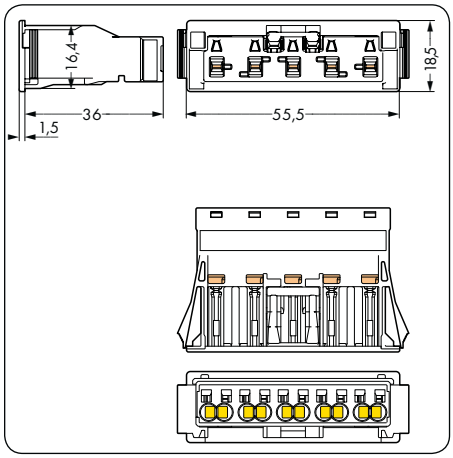
Cutout dimensions Plate thickness: 0.5 – 2 mm Cutout tolerance: + 0.1 mm	2 x 0.5 – 4 mm² ❶ | 2 x AWG 20 – 12 400 V/6 kV/3 I_N 25 A ❸ 9 mm / 0.35 in ❷ Approvals	2 x 0.5 – 4 mm² ❶ | 2 x AWG 20 – 12 400 V/6 kV/3 I_N 25 A ❸ 9 mm / 0.35 in ❷ Approvals

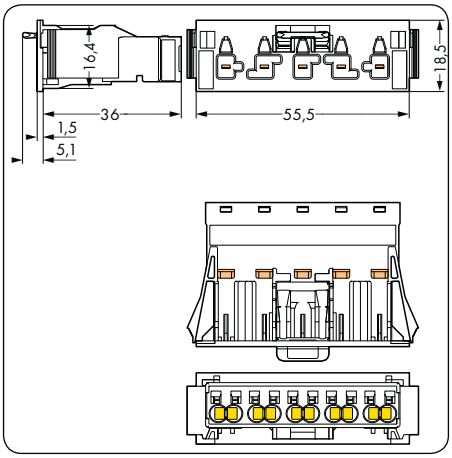






Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Connectors, snap-in device connection, 5-pole, with CAGE CLAMP® S connection	**Socket**			**Plug**		
	gray	**770-745**	100	gray	**770-755**	100
	light green	**770-765**	100	light green	**770-775**	100
	pink	**770-785**	100	pink	**770-795**	100
Item-Specific Accessories						
	Lockout cap, for socket, separable, 12-pole			**Lockout cap,** for plug, separable, 5-pole		
	black	**770-201**	100	yellow	**770-360**	100
	white	**770-221**	100			
				Coding pin, for plug (A and B coding)		
				gray	**770-401**	100
Accessories, 770 Series						
	Lockout cap, for cutout, 3-pole			**Lockout cap,** for cutout, 3-pole		
	black	**770-645**	100	black	**770-645**	100
	white	**770-695**	100	white	**770-695**	100
Info	**Dimensions**					





WINSTA® MIDI special

PCB Connectors, 5-Pole

	400 V/6 kV/3 I_N 25 A 1 3 ❷ Approvals	400 V/6 kV/3 I_N 25 A 1 3 ❷ Approvals





Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
PCB connectors, **2 solder pins per pole**	**Socket,** straight			**Plug,** straight		
	gray	**770-845**	100	gray	**770-855**	100
	light green	**770-865**	100	light green	**770-875**	100
	pink	**770-885**	100	pink	**770-895**	100
Item-Specific Accessories						
	Lockout cap, for socket, separable, 12-pole			**Lockout cap,** for plug, separable, 5-pole		
	black	**770-201**	100	yellow	**770-360**	100
	white	**770-221**	100			
				Coding pin, for plug (A and B coding)		
				gray	**770-401**	100
Accessories, 770 Series						
	Locking lever, for "flying leads,"			**Locking lever, for "flying leads,"**		
	manually operated			**tool operated**		
	black	**770-101**	100 (4x25)	black	**770-111**	100 (4x25)
	white	**770-121**	100 (4x25)	white	**770-131**	100 (4x25)
Info	**Dimensions**					

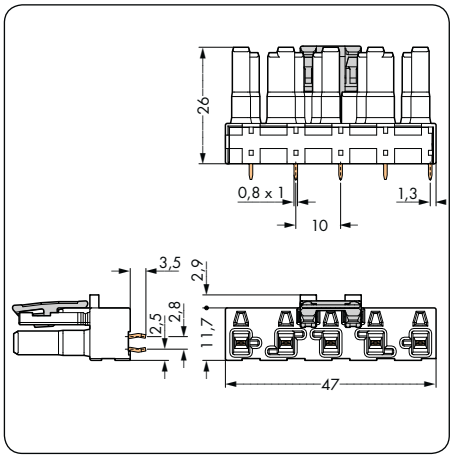
❶ For current load, see table on page 65.

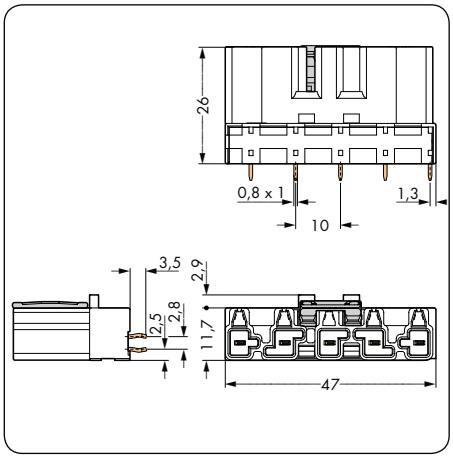
❷ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.

❸ Full rated current can only be applied to a maximum of 3 poles!

gray	Coding B	(1 2 3 4 5)
light green	Coding B	(1 2 3 4 5)
pink	Coding B	(1 2 3 4 5)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.





400 V/6 kV/3 I_N 25 A 1 3 ❷ Approvals	400 V/6 kV/3 I_N 25 A 1 3 ❷ Approvals





❶ Nominal current depends on PCB track dimensions

Nominal current	Thickness of PCB track	Width of PCB track	Conductor size
16 A	70 µm single side	7 mm	≙ 1.5 mm²
20 A	70 µm single side	7 mm	≙ 2.5 mm²
25 A	105 µm both sides	7 mm	≙ 4 mm²

Color	Item No.	Pack. Unit
Socket, angled		
gray	**770-845/011-000**	100
light green	**770-865/011-000**	100
pink	**770-885/011-000**	100

Color	Item No.	Pack. Unit
Plug, angled		
gray	**770-855/011-000**	100
light green	**770-875/011-000**	100
pink	**770-895/011-000**	100

Item-Specific Accessories

Lockout cap, for socket, separable, 12-pole



black	**770-201**	100
white	**770-221**	100

Lockout cap, for plug, separable, 5-pole



yellow	**770-360**	100

Coding pin, for plug (A and B coding)



gray	**770-401**	100

Accessories, 770 Series

Locking lever, for "flying leads,"



manually operated

black	**770-101**	100 (4x25)
white	**770-121**	100 (4x25)

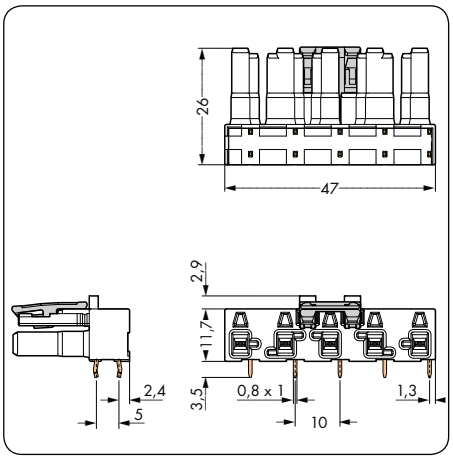
Locking lever, for "flying leads,"

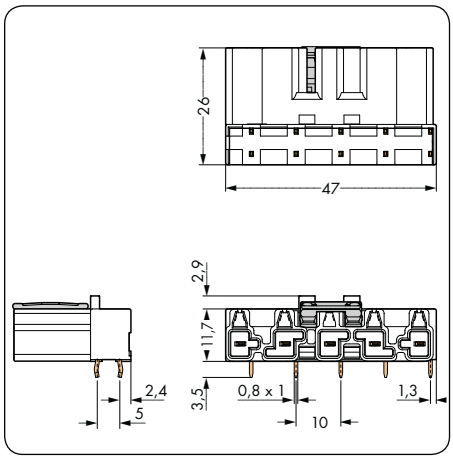


tool operated

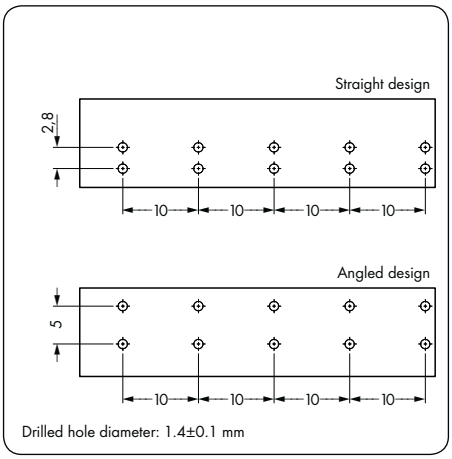
black	**770-111**	100 (4x25)
white	**770-131**	100 (4x25)

Dimensions





Hole patterns



WINSTA® MIDI special

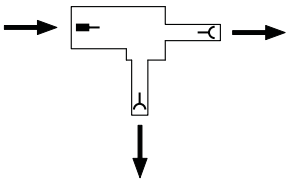
T-Distribution Connectors and Distribution Connectors, 5-Pole

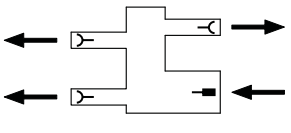
	400 V/6 kV/3 I_N 25 A ❹ ❶ Approvals *Available 4th Quarter 2012*	400 V/6 kV/3 I_N 25 A ❹ ❶ Approvals *Available 1st Quarter 2013*





Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
T-distribution connectors, distribution connectors, 5-pole	**T-distribution connector, 1 x plug / 2 x socket**			**Distribution connector, 3-way, 1 x plug / 3 x socket**		
	gray	**770-1641**	50	gray	**770-1744**	50
	light green	**770-1642**	50	light green	**770-1745**	50
	pink	**770-1643**	50	pink	**770-1746**	50
	for "flying leads," with 3rd locking lever					
	gray	**770-1741**	50			
	light green	**770-1742**	50			
	pink	**770-1743**	50			
Item-Specific Accessories						
	Lockout cap, for socket, separable, 12-pole			**Mounting plate, for distribution connectors**		
	 black	**770-201**	100	 black	**770-625**	100
	white	**770-221**	100	white	**770-675**	100
	Lockout cap, for plug, separable, 5-pole			**Fixing pin, for mounting plates**		
	 yellow	**770-360**	100	 ❷ black	**890-601**	250
				❸ black	**770-601**	250
				Lockout cap, for socket, separable, 12-pole		
				 black	**770-201**	100
				white	**770-221**	100
Info	**Dimensions**					

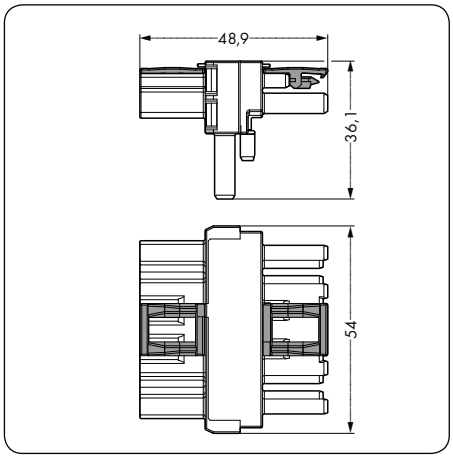


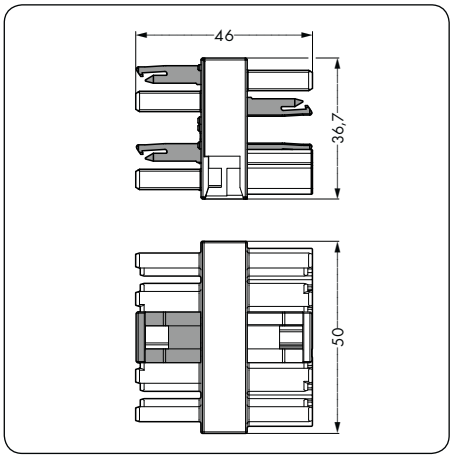


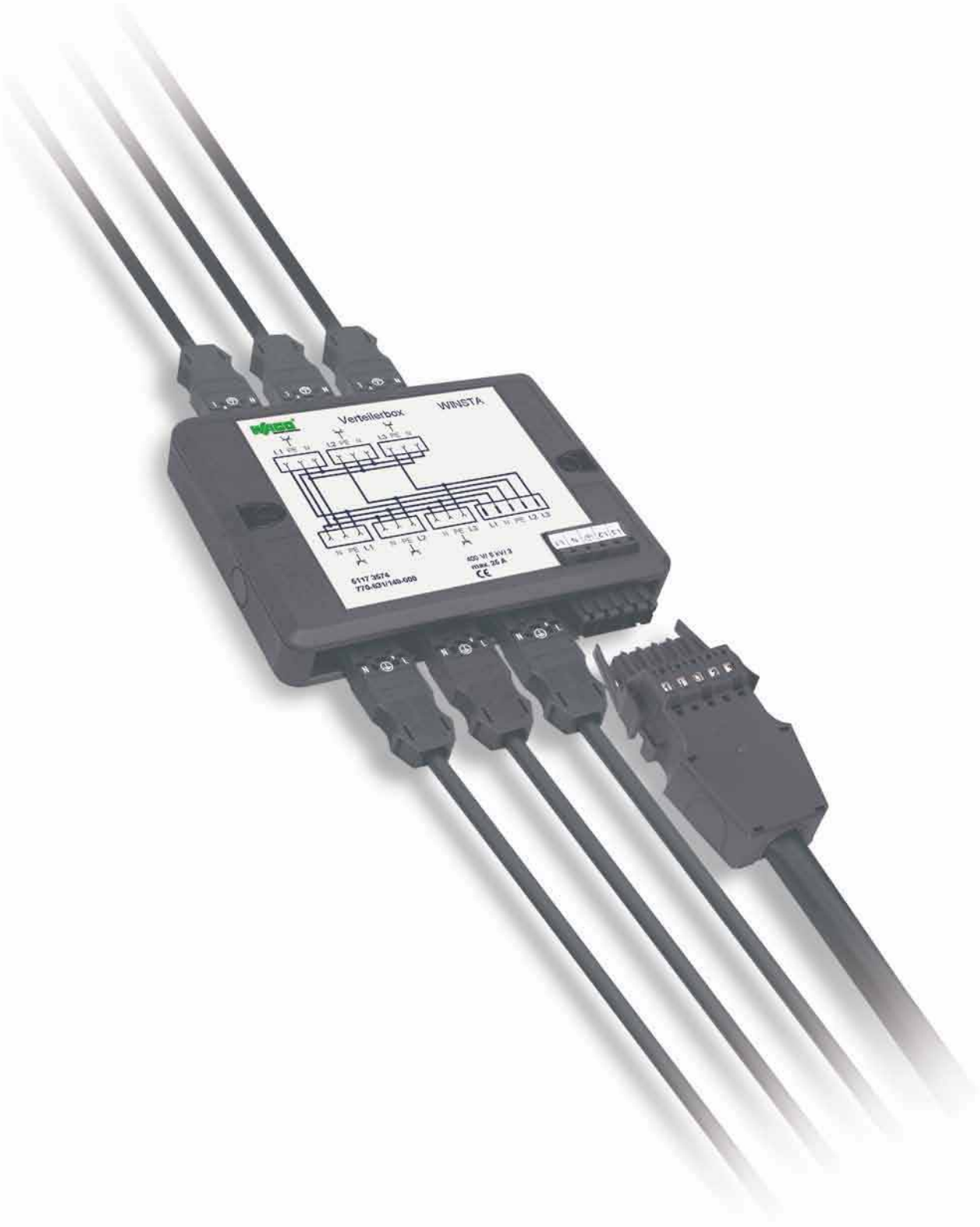
❶ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.
❷ 5.0 mm Ø, 0.2 – 1.2 mm plate thickness
❸ 6.0 mm Ø, 1 – 2.5 mm plate thickness
❹ Full rated current can only be applied to a maximum of 3 poles!

gray	Coding B	(1 2 3 4 5)
light green	Coding B	(1 2 3 4 5)
pink	Coding B	(1 2 3 4 5)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.






Verteilerbox
WINSTA

WINSTA® MIDI special Cable Assemblies 5 x 1.5 mm²

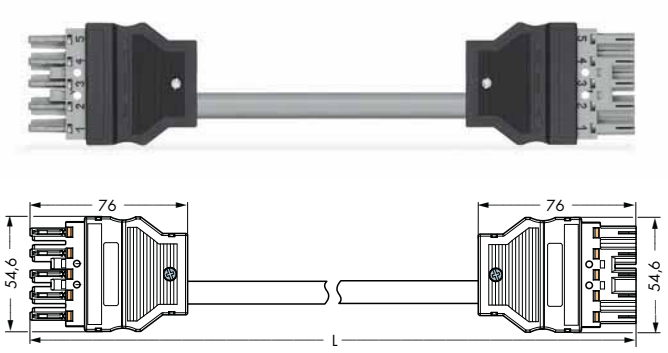
PVC **Control line: 5 x 1.5, gray**

400 V/6 kV/3 I_N **16 A ❷**

Conductor ends, bonded: 9 mm

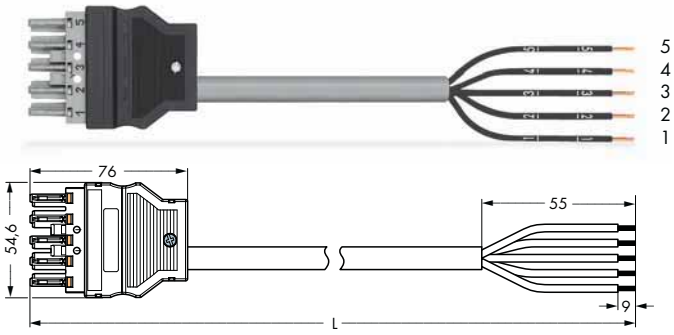
❶ Approvals

Interconnecting cable, socket – plug



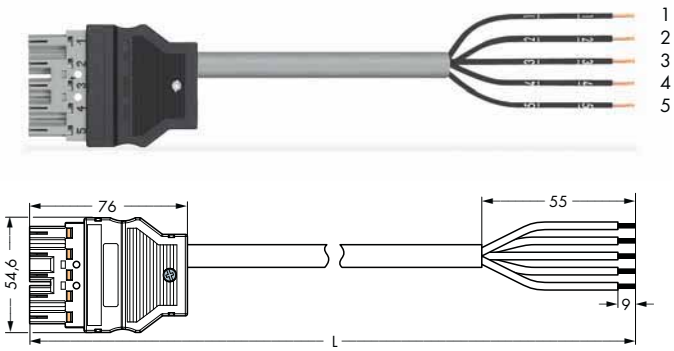
Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8995/006-103**
○	1 m	**771-8995/006-105**
○	1 m	**771-8995/006-107**

Connecting cable, socket – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8995/106-103**
○	1 m	**771-8995/106-105**
○	1 m	**771-8995/106-107**

Connecting cable, plug - free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8995/206-103**
○	1 m	**771-8995/206-105**
○	1 m	**771-8995/206-107**

Info

❶ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.
Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

❷ Full rated current can only be applied to a maximum of 3 poles!
For other cables, please contact factory.

- ○ gray Coding B (1 2 3 4 5)
- ○ light green Coding B (1 2 3 4 5)
- ○ pink Coding B (1 2 3 4 5)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Accessories

Locking lever, for "flying leads,"



manually operated

black	**770-101**	100 (4x25)
white	**770-121**	100 (4x25)

Locking lever, for "flying leads,"



tool operated

black	**770-111**	100 (4x25)
white	**770-131**	100 (4x25)

Lockout cap, for socket, separable, 12-pole



black	**770-201**	100
white	**770-221**	100

Marker, for manual marking



white	**770-450**	50

Cable Assemblies 5 x 2.5 mm²

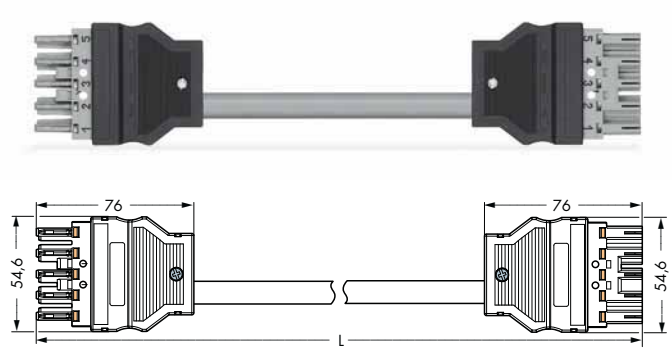
PVC **Control line: 5 x 2.5, gray**

400 V/6 kV/3 I_N **20 A ❷**

Conductor ends, bonded: 9 mm

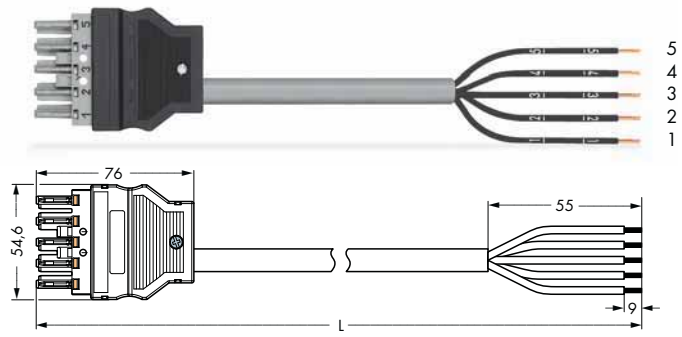
❶ Approvals

Interconnecting cable, socket – plug



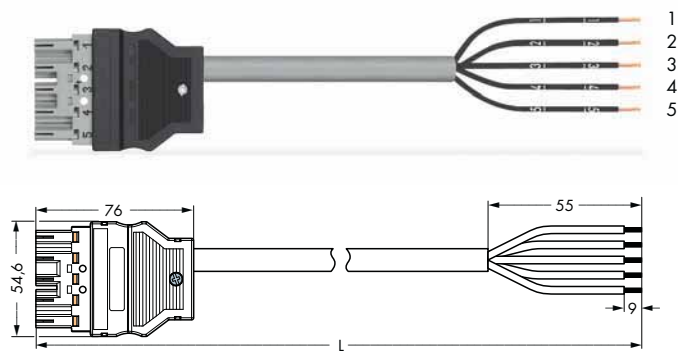
Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8995/007-103**
○	1 m	**771-8995/007-105**
○	1 m	**771-8995/007-107**

Connecting cable, socket – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8995/107-103**
○	1 m	**771-8995/107-105**
○	1 m	**771-8995/107-107**

Connecting cable, plug – free end



Color	Length	Item No. black
	Coding B	
		PVC
○	1 m	**771-8995/207-103**
○	1 m	**771-8995/207-105**
○	1 m	**771-8995/207-107**

Item numbers overview for other cable lengths

Position	1 - 3	-	4	5	6	7	/	8	9	10	-	11	12	13
gray	**771**	**-**	**8**	**9**	**9**	**5**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**3**
light green	**771**	**-**	**8**	**9**	**9**	**5**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**5**
pink	**771**	**-**	**8**	**9**	**9**	**5**	**/**	**0**	**0**	**6**	**-**	**1**	**0**	**7**

The item numbers listed above correspond to the following cable version:
Interconnecting cable, 5-pole, socket – plug, PVC control line, 5 x 1.5 mm², 1 m

The 9th position defines whether it is a PVC or halogen-free cable. For example, an halogen-free cable with pink connectors has the following item number: 771-8995/0**1**6-107
The 10th position defines the cable cross-section. For example, a 5 x 1.5 mm² cable with light green connectors has the following item number: 771-8995/00**6**-105
The 11th position defines the cable length. For example, a 5 m cable with gray connectors has the following item number: 771-8995/006-**5**03

WINSTA® MIDI

T-Distribution Connectors, 2-Pole

	250 V/4 kV/3 I_N 25 A *Available November 2012* ❶ Approvals	



Description	Color	Item No.	Pack. Unit
T-distribution connectors, 2-pole	**T-distribution connector, 1 x plug / 2 x socket**		
	● black	**770-1606**	50
	○ white	**770-1656**	50
	for "flying leads," with 3rd locking lever		
	● black	**770-1615**	50
	○ white	**770-1665**	50

Item-Specific Accessories

Lockout cap, for socket, separable, 12-pole



black	**770-201**	100
white	**770-221**	100

Lockout cap, for plug, separable, 5-pole



yellow	**770-360**	100

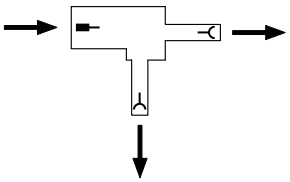
Info

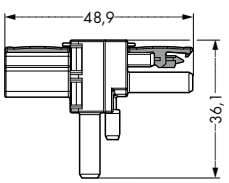
❶ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.

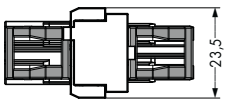
● black Coding A (L N)
○ white Coding A (L N)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Dimensions



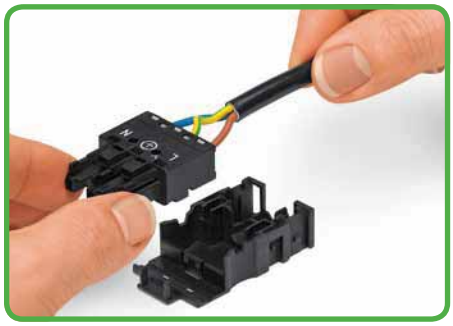




WINSTA® MIDI, IP 2XD
for easily accessible areas



To terminate fine-stranded conductors, open clamping unit via 2.5mm screwdriver and insert stripped conductor until it hits backstop.
Solid conductors can be terminated by simply pushing them in.



Insert wired connector onto the base of the strain relief housing.

Strain relief installation

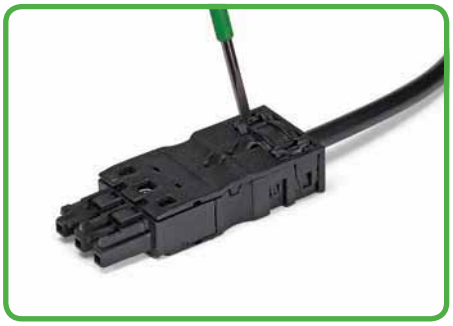


Prepare strain relief housing by snapping together upper and bottom part.



Push down strain relief clamp via 2.5mm screwdriver alternately on both sides.

Strain relief removal



First, unlock strain relief clamp via 2.5mm screwdriver alternately on both sides.



Then, unlock strain relief housing via 2.5mm screwdriver on both sides.

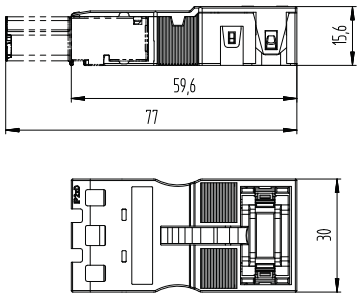
Strain Relief Housing, IP 2XD

Snap-on type strain relief housings for:
- 3-pole sockets
- 3-pole plugs

❶ **Approvals**



Color	Item No.	Pack. Unit
Strain relief housing,		
for 1 cable, 8 – 11.5 mm diameter ❷		
black	**770-503/038-000**	50
white	**770-513/038-000**	50



WINSTA® **– The perfect connection!**

WINSTA® MIDI, IP 2XD
for easily accessible areas

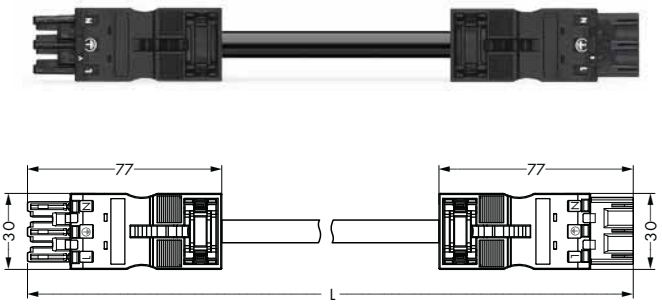
Cable Assemblies 3 x 1.5 mm²
IP 2XD

PVC **H05VV-F 3G1.5**
halogen-free **H05Z1Z1-F 3G1.5**

250 V/4 kV/3 I_N **16 A**

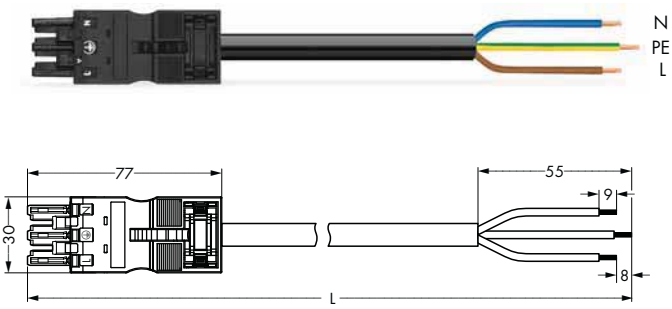
Conductor ends, bonded: 9 mm
❶ **Approvals**

Interconnecting cable, socket - plug



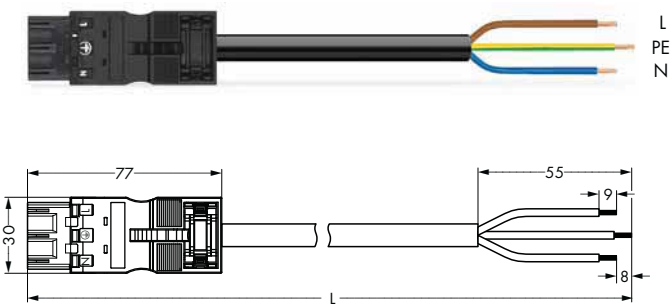
Length	Item No. black	Item No. white	Item No. black	Item No. white
● ○	**Coding A**			
	PVC		**halogen-free**	
1 m	**771-6993/006-101**	**.../006-102**	**771-6993/016-101**	**.../016-102**
2 m	**771-6993/006-201**	**.../006-202**	**771-6993/016-201**	**.../016-202**
3 m	**771-6993/006-301**	**.../006-302**	**771-6993/016-301**	**.../016-302**
4 m	**771-6993/006-401**	**.../006-402**	**771-6993/016-401**	**.../016-402**
5 m	**771-6993/006-501**	**.../006-502**	**771-6993/016-501**	**.../016-502**
6 m	**771-6993/006-601**	**.../006-602**	**771-6993/016-601**	**.../016-602**
7 m	**771-6993/006-701**	**.../006-702**	**771-6993/016-701**	**.../016-702**
8 m	**771-6993/006-801**	**.../006-802**	**771-6993/016-801**	**.../016-802**

Connecting cable, socket – free end



Length	Item No. black	Item No. white	Item No. black	Item No. white
● ○	**Coding A**			
	PVC		**halogen-free**	
1 m	**771-6993/106-101**	**.../106-102**	**771-6993/116-101**	**.../116-102**
2 m	**771-6993/106-201**	**.../106-202**	**771-6993/116-201**	**.../116-202**
3 m	**771-6993/106-301**	**.../106-302**	**771-6993/116-301**	**.../116-302**
4 m	**771-6993/106-401**	**.../106-402**	**771-6993/116-401**	**.../116-402**
5 m	**771-6993/106-501**	**.../106-502**	**771-6993/116-501**	**.../116-502**
6 m	**771-6993/106-601**	**.../106-602**	**771-6993/116-601**	**.../116-602**
7 m	**771-6993/106-701**	**.../106-702**	**771-6993/116-701**	**.../116-702**
8 m	**771-6993/106-801**	**.../106-802**	**771-6993/116-801**	**.../116-802**

Connecting cable, plug – free end



Length	Item No. black	Item No. white	Item No. black	Item No. white
● ○	**Coding A**			
	PVC		**halogen-free**	
1 m	**771-6993/206-101**	**.../206-102**	**771-6993/216-101**	**.../216-102**
2 m	**771-6993/206-201**	**.../206-202**	**771-6993/216-201**	**.../216-202**
3 m	**771-6993/206-301**	**.../206-302**	**771-6993/216-301**	**.../216-302**
4 m	**771-6993/206-401**	**.../206-402**	**771-6993/216-401**	**.../216-402**
5 m	**771-6993/206-501**	**.../206-502**	**771-6993/216-501**	**.../216-502**
6 m	**771-6993/206-601**	**.../206-602**	**771-6993/216-601**	**.../216-602**
7 m	**771-6993/206-701**	**.../206-702**	**771-6993/216-701**	**.../216-702**
8 m	**771-6993/206-801**	**.../206-802**	**771-6993/216-801**	**.../216-802**

Info

❶ **For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.**
Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

For other cables, please contact factory.

● **black** **Coding A** **(L ⏚ N)**
○ **white** **Coding A** **(L ⏚ N)**

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Accessories

Locking lever, for "flying leads,"



	manually operated		
	black	**770-101**	100 (4x25)
	white	**770-121**	100 (4x25)

Locking lever, for "flying leads,"



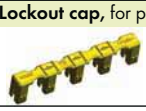
	tool operated		
	black	**770-111**	100 (4x25)
	white	**770-131**	100 (4x25)

Lockout cap, for socket, separable, 12-pole



	black	**770-201**	100
	white	**770-221**	100

Lockout cap, for plug, separable, 5-pole



	yellow	**770-360**	100

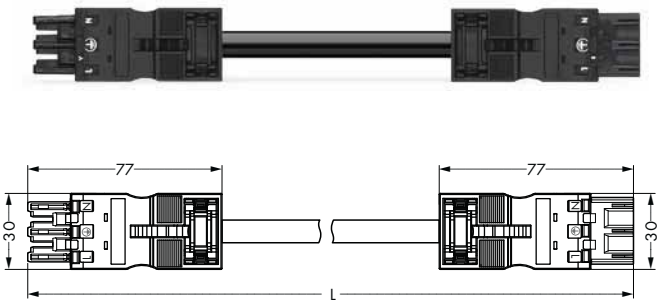
Cable Assemblies 3 x 2.5 mm²
IP 2XD

PVC H05VV-F 3G2.5
halogen-free H05Z1Z1-F 3G2.5

250 V/4 kV/3 I_N **20 A**

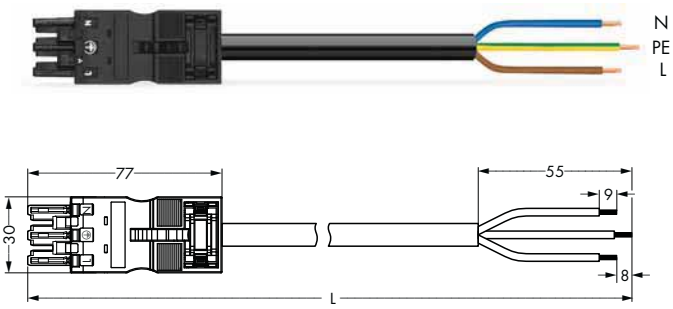
Conductor ends, bonded: 9 mm
❶ **Approvals**

Interconnecting cable, socket - plug



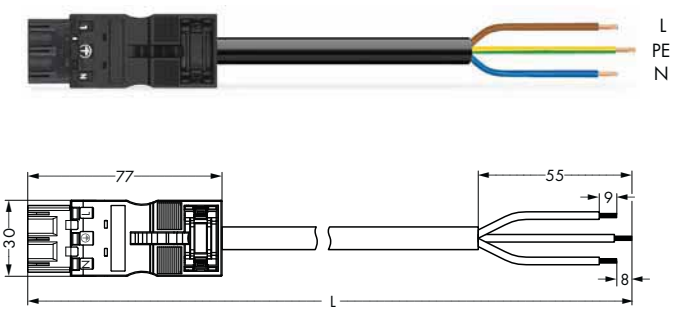
Length	Item No. black	Item No. white	Item No. black	Item No. white
● ○	Coding A			
	PVC		halogen-free	
1 m	771-6993/007-101	.../007-102	771-6993/017-101	.../017-102
2 m	771-6993/007-201	.../007-202	771-6993/017-201	.../017-202
3 m	771-6993/007-301	.../007-302	771-6993/017-301	.../017-302
4 m	771-6993/007-401	.../007-402	771-6993/017-401	.../017-402
5 m	771-6993/007-501	.../007-502	771-6993/017-501	.../017-502
6 m	771-6993/007-601	.../007-602	771-6993/017-601	.../017-602
7 m	771-6993/007-701	.../007-702	771-6993/017-701	.../017-702
8 m	771-6993/007-801	.../007-802	771-6993/017-801	.../017-802

Connecting cable, socket – free end



Length	Item No. black	Item No. white	Item No. black	Item No. white
● ○	Coding A			
	PVC		halogen-free	
1 m	771-6993/107-101	.../107-102	771-6993/117-101	.../117-102
2 m	771-6993/107-201	.../107-202	771-6993/117-201	.../117-202
3 m	771-6993/107-301	.../107-302	771-6993/117-301	.../117-302
4 m	771-6993/107-401	.../107-402	771-6993/117-401	.../117-402
5 m	771-6993/107-501	.../107-502	771-6993/117-501	.../117-502
6 m	771-6993/107-601	.../107-602	771-6993/117-601	.../117-602
7 m	771-6993/107-701	.../107-702	771-6993/117-701	.../117-702
8 m	771-6993/107-801	.../107-802	771-6993/117-801	.../117-802

Connecting cable, plug – free end



Length	Item No. black	Item No. white	Item No. black	Item No. white
● ○	Coding A ❷			
	PVC		halogen-free	
1 m	771-6993/207-101	.../207-102	771-6993/217-101	.../217-102
2 m	771-6993/207-201	.../207-202	771-6993/217-201	.../217-202
3 m	771-6993/207-301	.../207-302	771-6993/217-301	.../217-302
4 m	771-6993/207-401	.../207-402	771-6993/217-401	.../217-402
5 m	771-6993/207-501	.../207-502	771-6993/217-501	.../217-502
6 m	771-6993/207-601	.../207-602	771-6993/217-601	.../217-602
7 m	771-6993/207-701	.../207-702	771-6993/217-701	.../217-702
8 m	771-6993/207-801	.../207-802	771-6993/217-801	.../217-802

Accessories

Locking lever, for "flying leads,"



manually operated

black	**770-101**	100 (4x25)
white	**770-121**	100 (4x25)

Locking lever, for "flying leads,"



tool operated

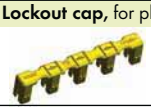
black	**770-111**	100 (4x25)
white	**770-131**	100 (4x25)

Lockout cap, for socket, separable, 12-pole



black	**770-201**	100
white	**770-221**	100

Lockout cap, for plug, separable, 5-pole



yellow	**770-360**	100

WINSTA® MIDI Cable Assemblies 3 x 1.5 mm²

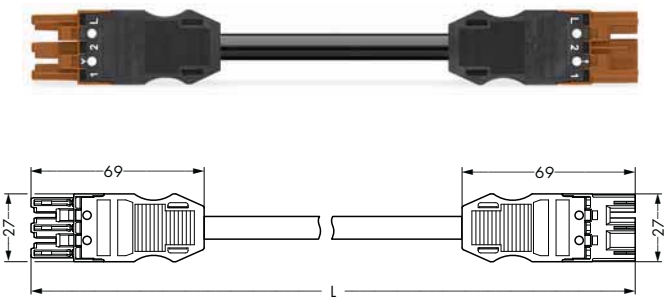
CAGE CLAMP®S

PVC **H05VV-F 3x1.5**
halogen-free **H05Z1Z1-F 3x1.5**

250 V/4 kV/3 I_N **16 A**

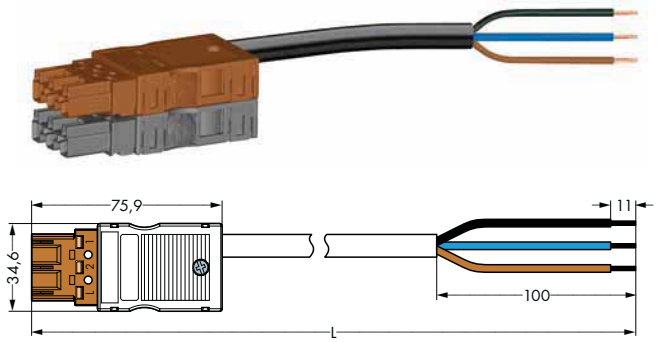
Conductor ends, bonded: 11 mm
❷ Approvals

Interconnecting cable, socket – plug



Length	Item No. black	Item No. black
	Coding S	
	PVC	**halogen-free**
1 m	**771-9973/006-105**	**771-9973/016-105**
2 m	**771-9973/006-205**	**771-9973/016-205**
3 m	**771-9973/006-305**	**771-9973/016-305**
4 m	**771-9973/006-405**	**771-9973/016-405**
5 m	**771-9973/006-505**	**771-9973/016-505**
6 m	**771-9973/006-605**	**771-9973/016-605**
7 m	**771-9973/006-705**	**771-9973/016-705**
8 m	**771-9973/006-805**	**771-9973/016-805**

Connecting cable, plug (brown/black) – free end



Length	Item No. black
	Coding S
	Coding A
	PVC
3 m	**771-5001/106-000**
4 m	**771-5001/107-000**

Info

❷ "Certification Agencies" and "User Guide" can be found in our Full Line Catalog, Volume 5.
Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.
For other cables, please contact factory.

❸ **PVC** **H05VV-F 3 x 1.5**
halogen-free **H05Z1Z1-F 3 x 1.5**

● **black** **Coding A** **(L ⏚ N)**
● **brown** **Coding S** **(L 2 1)**

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

Accessories

Locking lever, for "flying leads,"



manually operated

black	**770-101**	100 (4x25)
white	**770-121**	100 (4x25)

Locking lever, for "flying leads,"



tool operated

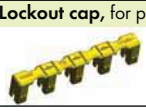
black	**770-111**	100 (4x25)
white	**770-131**	100 (4x25)

Lockout cap, for socket, separable, 12-pole



black	**770-201**	100
white	**770-221**	100

Lockout cap, for plug, separable, 5-pole



yellow	**770-360**	100

Cable Assemblies 3 x 1.5 mm²

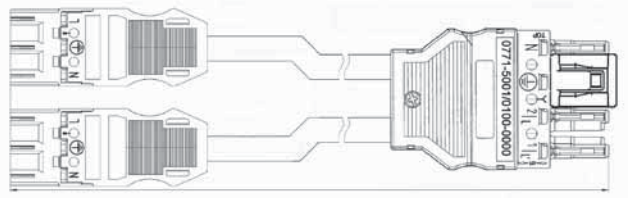
PVC **H05VV-F 3x1.5** **I_N 16 A**

250 V/4 kV/3

❷ Approvals

Y-cable, 1 x 4-pole, 2 x 3-pole





Length	Item No. black
	● ○ **Coding A**
0.6 m	**771-5001/100-000**

Accessories

Locking lever, for "flying leads,"



manually operated

black	**770-101**	100 (4x25)
white	**770-121**	100 (4x25)

Locking lever, for "flying leads,"



tool operated

black	**770-111**	100 (4x25)
white	**770-131**	100 (4x25)

Lockout cap, for plug, separable, 5-pole



yellow	**770-360**	100

Coding pin, for plug (A and B coding)



gray	**770-401**	100

WINSTA® RD

Cable Assemblies 3 x 1.5 mm²

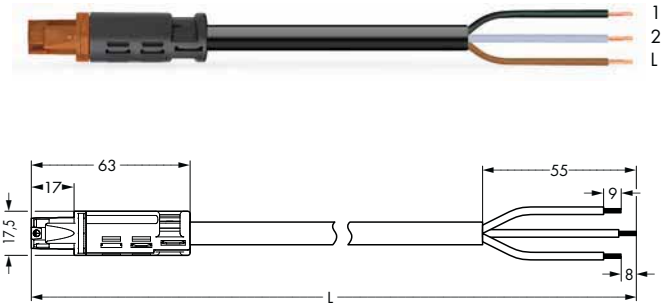
PVC H05VV-F 3G1.5 ❸ H05VV-F 3G2.5
halogen-free H05Z1Z1-F 3G1.5 ❸ H05Z1Z1-F 3G2.5

250 V/4 kV/3 I_N **16 A**

Conductor ends, bonded: 9 mm

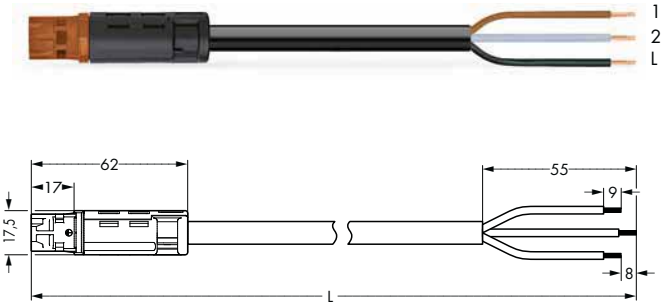
❶ **Approvals**

Connecting cable, socket with LL ❷ – free end



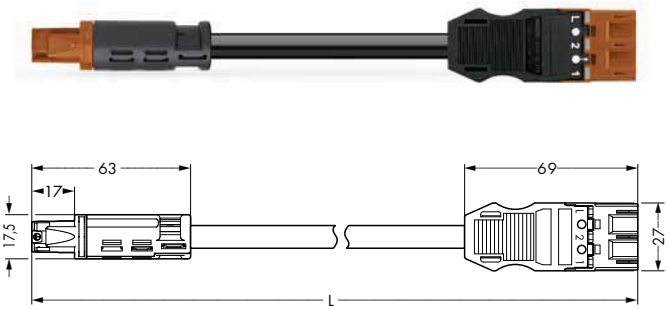
Length	Item No. black	Item No. black
	Coding S	
	PVC	halogen-free
1 m	774-9973/106-105	774-9973/116-105
2 m	774-9973/106-205	774-9973/116-205
3 m	774-9973/106-305	774-9973/116-305
4 m	774-9973/106-405	774-9973/116-405
5 m	774-9973/106-505	774-9973/116-505
6 m	774-9973/106-605	774-9973/116-605
7 m	774-9973/106-705	774-9973/116-705
8 m	774-9973/106-805	774-9973/116-805

Connecting cable, plug – free end



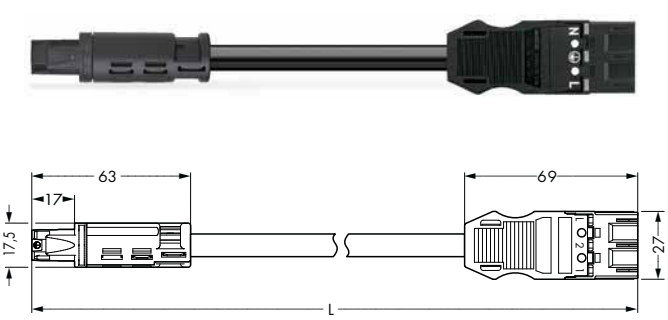
Length	Item No. black	Item No. black
	Coding S	
	PVC	halogen-free
1 m	774-9973/206-105	774-9973/216-105
2 m	774-9973/206-205	774-9973/216-205
3 m	774-9973/206-305	774-9973/216-305
4 m	774-9973/206-405	774-9973/216-405
5 m	774-9973/206-505	774-9973/216-505
6 m	774-9973/206-605	774-9973/216-605
7 m	774-9973/206-705	774-9973/216-705
8 m	774-9973/206-805	774-9973/216-805

Adapter cable, socket RD – plug MIDI



Length	Item No. black	Item No. black
	Coding S	
	PVC	halogen-free
1 m	774-9973/1506-105	774-9973/1516-105
2 m	774-9973/1506-205	774-9973/1516-205
3 m	774-9973/1506-305	774-9973/1516-305
4 m	774-9973/1506-405	774-9973/1516-405
5 m	774-9973/1506-505	774-9973/1516-505
6 m	774-9973/1506-605	774-9973/1516-605
7 m	774-9973/1506-705	774-9973/1516-705
8 m	774-9973/1506-805	774-9973/1516-805

Adapter cable, socket RD – plug MIDI ❸



Length	Item No. black	Item No. black
	Coding A	
	PVC	halogen-free
1 m	774-9993/1507-101	774-9993/1517-101
2 m	774-9993/1507-201	774-9993/1517-201
3 m	774-9993/1507-301	774-9993/1517-301
4 m	774-9993/1507-401	774-9993/1517-401
5 m	774-9993/1507-501	774-9993/1517-501
6 m	774-9993/1507-601	774-9993/1517-601
7 m	774-9993/1507-701	774-9993/1517-701
8 m	774-9993/1507-801	774-9993/1517-801

Plug Adapters for Attema's Hollow-Wall Boxes

	2.5 mm² "s"/AWG 12 "s" 250 V/4 kV/3 I_N 20 A 16 mm / 0.63 in ❶ Approvals	2.5 mm² "s"/AWG 12 "s" 250 V/4 kV/3 I_N 20 A 16 mm / 0.63 in ❶ Approvals
		

Description	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Plug adapters, 3-pole	**Plug adapter,** for power outlets, A coding			**Plug adapter,** for power outlets, S coding		
	● black	**774-213/9900-0000**	10	● brown	**774-1373/9900-0000**	10

WAGO's plug adapters are designed for Attema's hollow-wall boxes. They permit complete preassembly of switches and power outlets, allowing them to be plugged on site via *WINSTA*® RD connectors. Therefore, wiring switches and outlets is relocated from the construction site to the factory, simplifying on-site installation and minimizing installation time.





Info

❶ For "International Certification Organizations" and "Approvals – User Guide," see Full Line Catalog, Volume 5.
❷ LL = Locking lever

● black Coding A (L ⏚ N)
● brown Coding S (L 2 1)

For coding information, see Full Line Catalog, Volume 5.
Fire load data available upon request.

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2002-474	5
2002-475	5
2002-476	5
2002-477	5
2002-478	5
2002-479	5
2002-480	5
2002-481	5
2002-482	5
2002-492	7
2002-1091	9
2002-1092	9
2002-2601	6
2002-2602	6
2002-2603	6
2002-2604	6
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2002-2609	6
2002-2611	9
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2002-2612	9
2002-2647	6
2002-2657	6
2002-2661	8
2002-2662	8
2002-2667	8
2002-2671	8
2002-2672	8
2002-2691	7
2002-2692	7
2003 Series	
2003-499	4
2003-500	4
2003-6640	4
2003-6641	4
2003-6642	4
2003-6643	4
2003-6645	4
2003-6646	4
2003-6649	4
2003-6650	4
2003-6651	4
2003-6692	5
2006 Series	
2006-115	10
2006-191	12
2006-433	12
2006-435	12
2006-8401	13
2006-8601	12
2006-8604	12
2006-8661	12
2006-8664	12
2006-8671	12
2006-8674	12
2006-8691	12
2006-8692	12
2007 Series	
2007-8442	10
2007-8443	10
2007-8444	10
2007-8445	10
2007-8446	10
2007-8447	10
2007-8448	10
2007-8801	10
2007-8807	11
2007-8811	10
2007-8821	10
2007-8891	10
2007-8892	10
2007-8893	10
2007-8894	10
2007-8899	10
2009 Series	
2009-110	5
2009-115	5
2009-304	5
2009-305	5
2009-309	5
2009-310	5
2009-412	5
2009-414	5
2009-416	5
2020 Series	
2020-103/000-036	14
2020-103/000-037	14
2020-103/000-038	14
2020-103/000-039	14
2020-105/000-036	14
2020-105/000-037	14
2020-105/000-038	14
2020-105/000-039	14
2022 Series	
2022-141	14
2022-142	14
2022-151	14
2022-152	14

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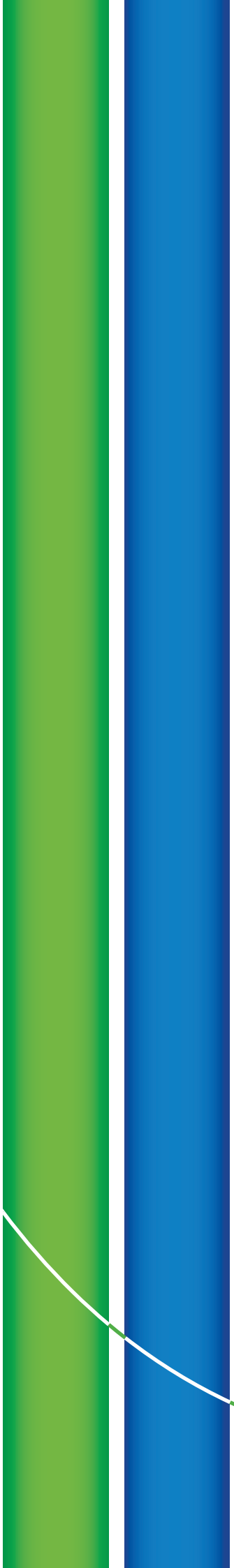
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