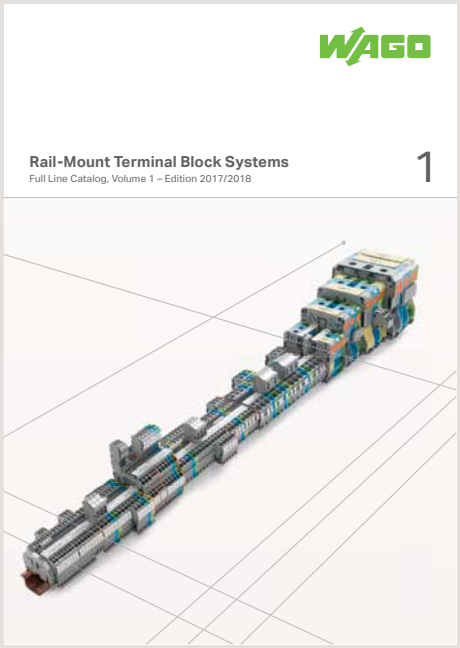
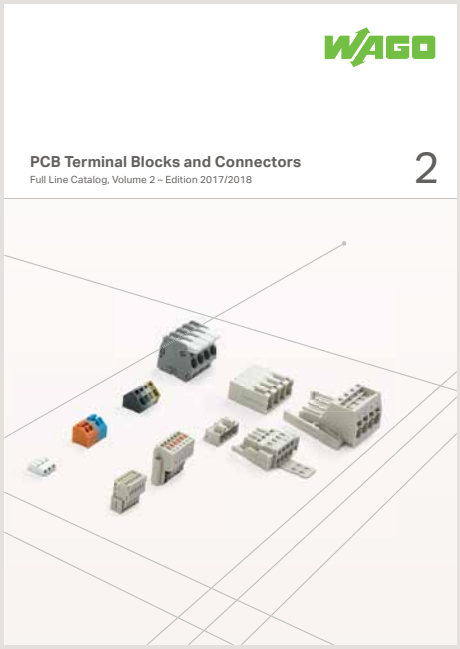
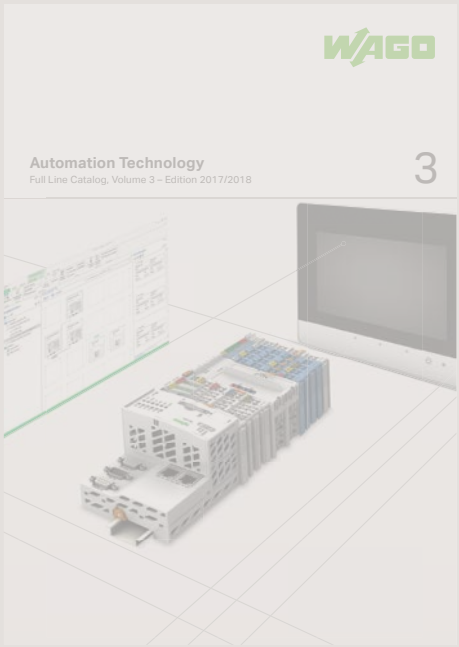
Electrical Interconnection

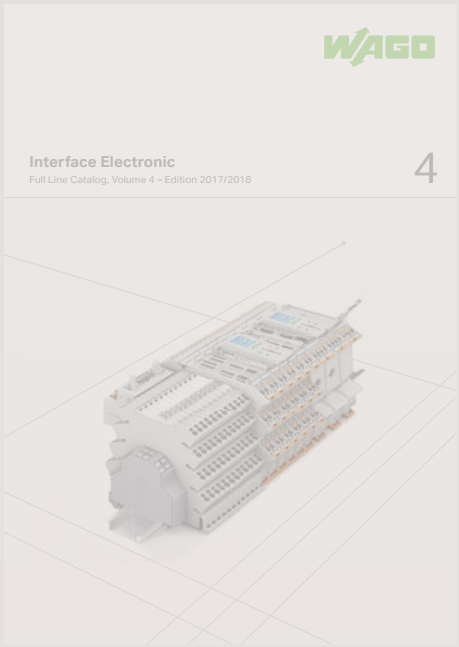
Supplementary Catalog to Full Line Catalogs, Volumes 1/2/5/6

Edition 2017/1









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

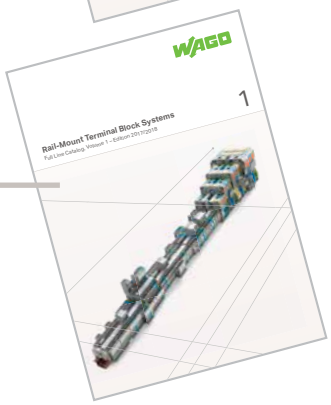
N 1/2/5/6

Volume 6
Marking

Volume 5
WINSTA® - The Pluggable Connection System

Volume 2
PCB Terminal Blocks and Connectors

Volume 1
Rail-Mounted Terminal Block Systems



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	PCB Terminal Blocks	Volume 2	26
	*WINSTA*® – The Pluggable Connection System	Volume 5	54
	Marking Accessories	Volume 6	56
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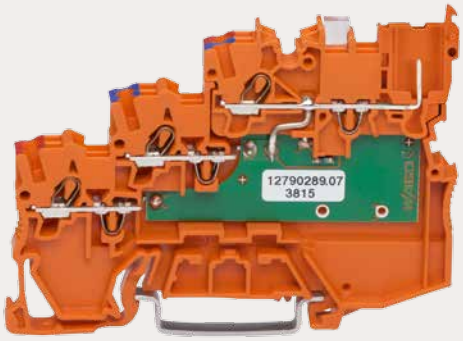

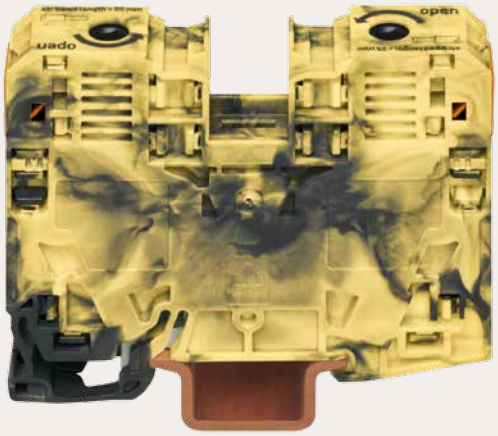

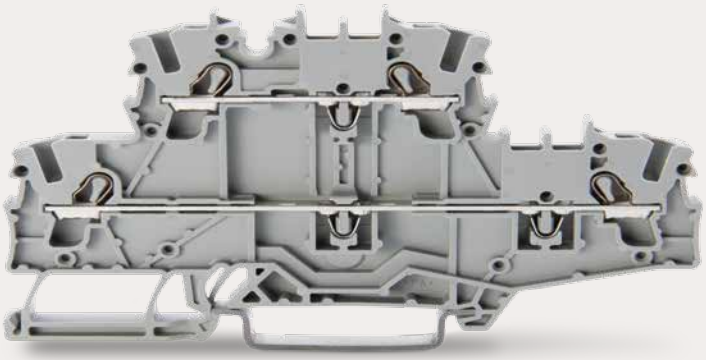

Volume 1, Rail-Mount Terminal Block Systems

Volume 1, Rail-Mount Terminal Block Systems
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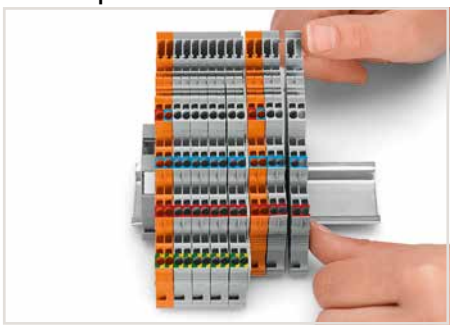
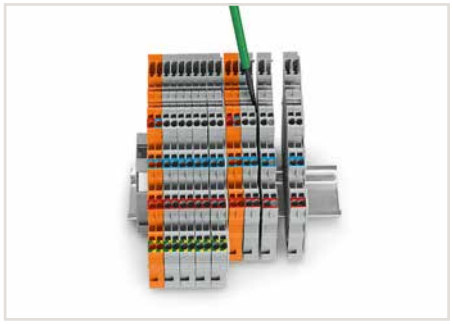
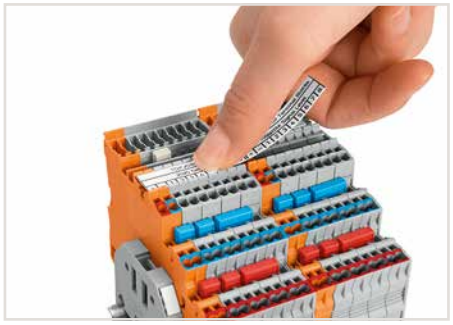
TOPJOB® S
Sensor and Actuator Terminal Blocks with a Pluggable Signal Level, 2020 Series
Description and Installation



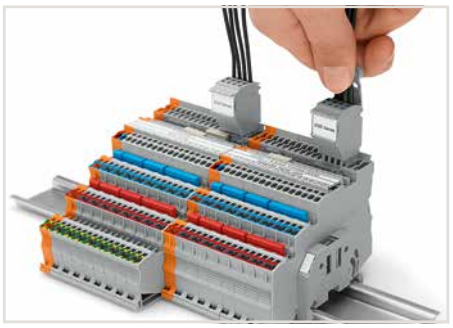
Snap individual terminal blocks onto the carrier rail and slide together.



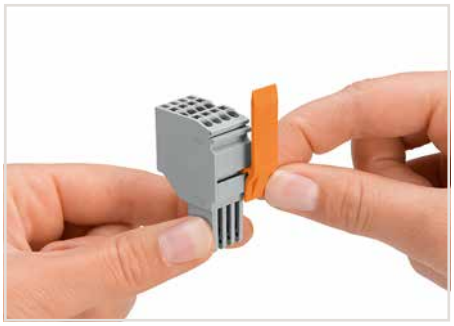
Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.



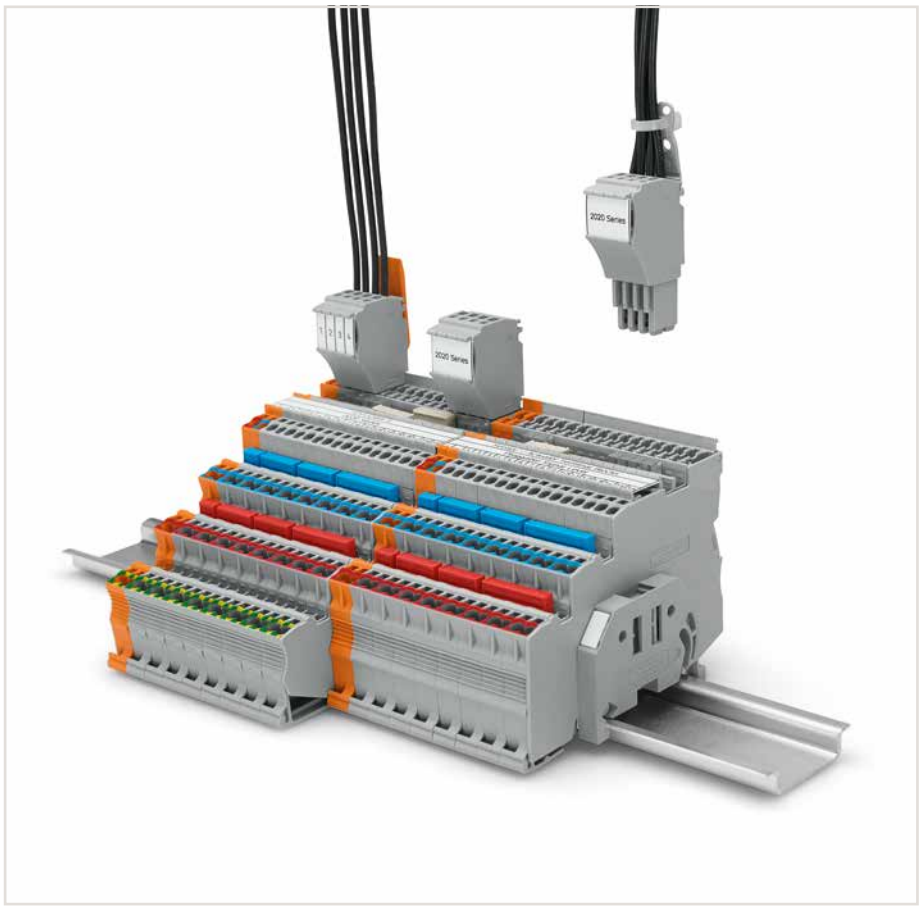
Labeling terminal blocks via marking strips (2009-110) or 3.5 mm wide WMB markers (793-35xx) – from the top or the side.



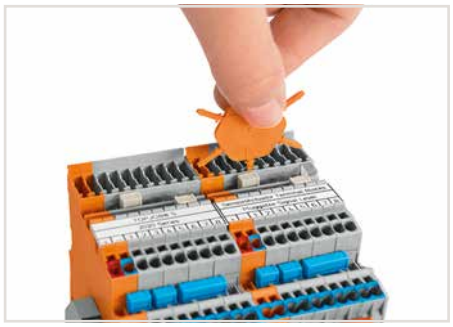
Removing a female plug via conductor bundle provided with strain relief plate.



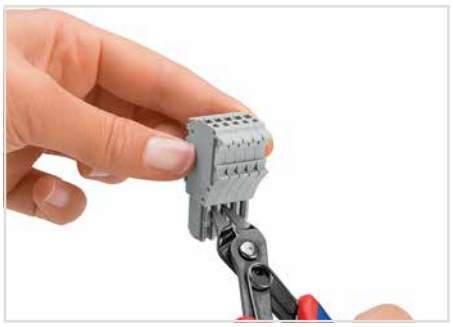
Slide the locking lever into position.



Testing via testing tap (2009-182) or test plug adapter (2009-174) (up to max. 42 V).



Insert coding pin into the corresponding slot and twist it off.



Remove the coding finger using a cutting tool.

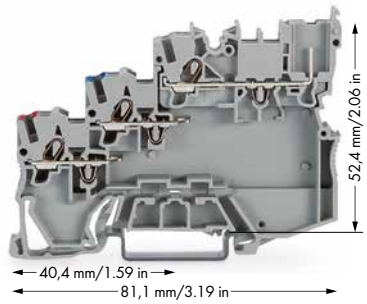
PUSH-IN CAGE CLAMP®

TOPJOB® S
3-Conductor Sensor Terminal Block with a Pluggable Signal Level
1 (1.5) mm², 2020 Series

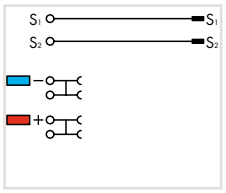
0.14 … 1 (1.5) mm² ❶ **250 V/4 kV/3 ❷** **I_N 13.5 A**	**24 … 16 AWG** **300 V, 10 A**
Terminal block width: 7 mm / 0.276 inch ❸ **9 … 11 mm / 0.35 … 0.43 inch**	

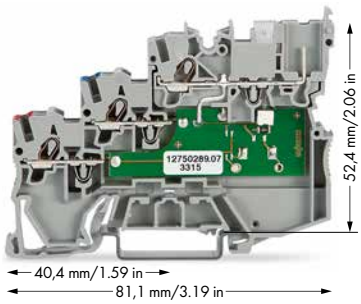
0.14 … 1 (1.5) mm² ❶ **24 VDC** **I_N 13.5 A**	**24 … 16 AWG** **24 VDC, 10 A**
Terminal block width: 7 mm / 0.276 inch ❸ **9 … 11 mm / 0.35 … 0.43 inch**	

Note:
The double spacing per pole of this terminal block series maximizes connectivity. For example **ten** sensors may be connected using only **five** sensor terminal blocks plus a power supply terminal block.

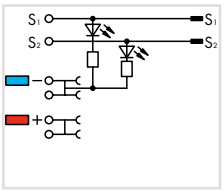


2020-5311





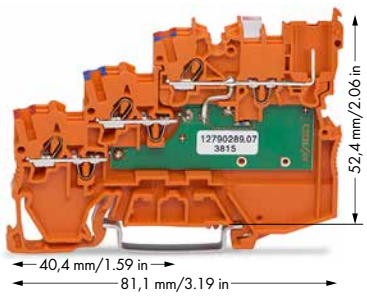
2020-5311/1102-950



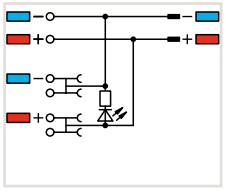
Item No.		Pack. Unit
3-conductor sensor terminal block; with pluggable signal level		
gray	**2020-5311**	50

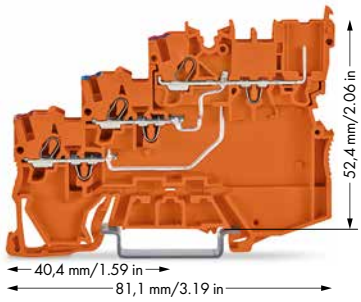
Note:
According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load. An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Item No.		Pack. Unit
3-conductor sensor terminal block; yellow LED; for PNP (high-side) switching sensors; with pluggable signal level		
gray	**2020-5311/1102-950**	50

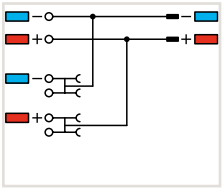


2020-5372/1102-953





2020-5372



Item No.		Pack. Unit
3-conductor sensor LED supply terminal block; green LED; 24 VDC; with pluggable signal level		
orange	**2020-5372/1102-953**	15

Item No.		Pack. Unit
3-conductor sensor supply terminal block; max. 250 V; internally commoned; with pluggable signal level		
orange	**2020-5372**	15

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"
Push-in termination: 0.5 … 1.5 mm² "s"
and 0.5 … 0.75 mm²
"insulated ferrules, 10 mm"

❷ 250 V = Rated voltage
4 kV = Rated surge voltage
3 = Pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ 3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)

❹ See application notes in our Full Line Catalog, Volume 1.
Colored push-in type jumper bar
Push-in type wire jumper

Accessories for 3-Conductor Terminal Blocks
WMB/Marking Strips
(see Full Line Catalog, Volume 1, Section 13)

End and intermediate plate; 1 mm thick; for 3-conductor terminal blocks

gray	**2020-5391**	100 (4x25)

Push-in type jumper bar; insulated; I_N 14 A; light gray ❹

2-way	**2000-402**	200 (8x25)
3-way	**2000-403**	200 (8x25)
4-way	**2000-404**	200 (8x25)
5-way	**2000-405**	100 (4x25)
6-way	**2000-406**	100 (4x25)
7-way	**2000-407**	100 (4x25)
8-way	**2000-408**	100 (4x25)
9-way	**2000-409**	100 (4x25)
10-way	**2000-410**	100 (4x25)

Colored push-in type jumper bar;

red	**.../000-005**
blue	**.../000-006**

Push-in type jumper bar; insulated; I_N 14 A; light gray

1 to 3	**2000-433**	200 (8x25)
1 to 4	**2000-434**	200 (8x25)
1 to 5	**2000-435**	100 (4x25)
1 to 6	**2000-436**	100 (4x25)
1 to 7	**2000-437**	100 (4x25)
1 to 8	**2000-438**	100 (4x25)
1 to 9	**2000-439**	100 (4x25)
1 to 10	**2000-440**	100 (4x25)

Carrier with 6 coding pins; for coding female plugs

orange	**2020-100**	100 (4x25)

Locking lever; 4.8 mm wide

orange	**2022-142**	100 (4x25)
gray	**2022-141**	100 (4x25)

Locking lever; 9.6 mm wide

orange	**2022-152**	100 (4x25)
gray	**2022-151**	100 (4x25)

Test plug adapter; for 4 mm Ø test plug

gray	**2009-174**	100 (4x25)

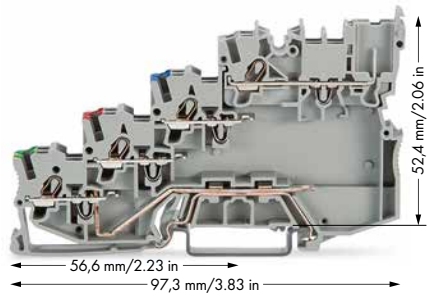
PUSH-IN CAGE CLAMP®

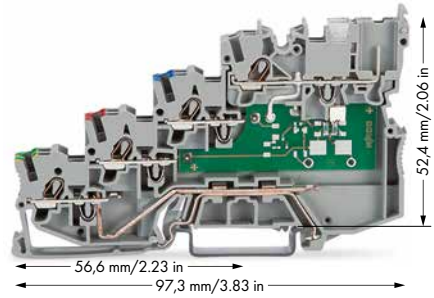
TOPJOB® S
4-Conductor Sensor Terminal Block with a Pluggable Signal Level
1 (1.5) mm², 2020 Series

1

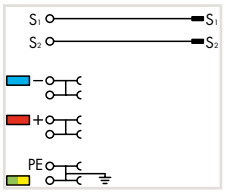
0.14 … 1 (1.5) mm² ❶ 250 V/4 kV/3 ❷ I_N 13.5 A	24 … 16 AWG 300 V, 10 A	0.14 … 1 (1.5) mm² ❶ 24 VDC I_N 13.5 A	24 … 16 AWG 24 VDC, 10 A
Terminal block width: 7 mm / 0.276 inch ❸ 9 … 11 mm / 0.35 … 0.43 inch		Terminal block width: 7 mm / 0.276 inch ❸ 9 … 11 mm / 0.35 … 0.43 inch	

Note:
The double spacing per pole of this terminal block series maximizes connectivity. For example **ten** sensors may be connected using only **five** sensor terminal blocks plus a power supply terminal block.

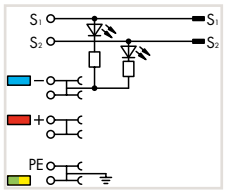




2020-5417



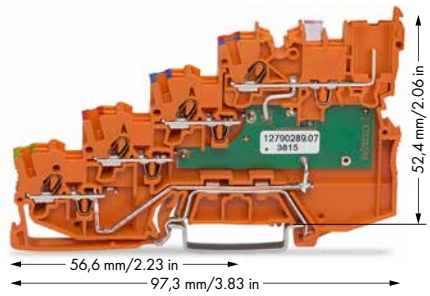
2020-5417/1102-950

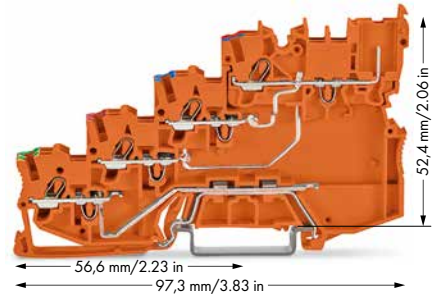


Item No.		Pack. Unit
4-conductor sensor terminal block; with ground connection; with pluggable signal level		
gray	**2020-5417**	50

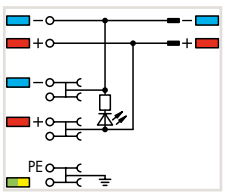
Note:
According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load. An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Item No.		Pack. Unit
4-conductor sensor terminal block; yellow LED; for PNP (high-side) switching sensors; with ground connection; with pluggable signal level		
gray	**2020-5417/1102-950**	50

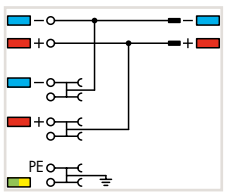




2020-5477/1102-953



2020-5477



Item No.		Pack. Unit
4-conductor sensor LED supply terminal block; green LED; 24 VDC; with ground connection; with pluggable signal level		
orange	**2020-5477/1102-953**	15

Item No.		Pack. Unit
4-conductor sensor supply terminal block; max. 250 V; internally commoned; with ground connection; with pluggable signal level		
orange	**2020-5477**	15

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"
Push-in termination: 0.5 … 1.5 mm² "s"
and 0.5 … 0.75 mm²
"insulated ferrules, 10 mm"

❷ 250 V = Rated voltage
4 kV = Rated surge voltage
3 = Pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ 3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)

❹ See application notes in our Full Line Catalog, Volume 1.
Colored push-in type jumper bar
Push-in type wire jumper

Accessories for 4-Conductor Terminal Blocks WMB/Marking Strips
(see Full Line Catalog, Volume 1, Section 13)

End and intermediate plate; 1 mm thick; for 4-conductor terminal blocks

gray	**2020-5491**	100 (4x25)

Push-in type jumper bar; insulated; I_N 14 A; light gray ❹

2-way	**2000-402**	200 (8x25)
3-way	**2000-403**	200 (8x25)
4-way	**2000-404**	200 (8x25)
5-way	**2000-405**	100 (4x25)
6-way	**2000-406**	100 (4x25)
7-way	**2000-407**	100 (4x25)
8-way	**2000-408**	100 (4x25)
9-way	**2000-409**	100 (4x25)
10-way	**2000-410**	100 (4x25)

Colored push-in type jumper bar;

red	**.../000-005**
blue	**.../000-006**
yellow-green	**.../000-018**

Push-in type jumper bar; insulated; I_N 14 A; light gray

1 to 3	**2000-433**	200 (8x25)
1 to 4	**2000-434**	200 (8x25)
1 to 5	**2000-435**	100 (4x25)
1 to 6	**2000-436**	100 (4x25)
1 to 7	**2000-437**	100 (4x25)
1 to 8	**2000-438**	100 (4x25)
1 to 9	**2000-439**	100 (4x25)
1 to 10	**2000-440**	100 (4x25)

Carrier with 6 coding pins; for coding female plugs

orange	**2020-100**	100 (4x25)

Locking lever; 4.8 mm wide

orange	**2022-142**	100 (4x25)
gray	**2022-141**	100 (4x25)

Locking lever; 9.6 mm wide

orange	**2022-152**	100 (4x25)
gray	**2022-151**	100 (4x25)

Test plug adapter; for 4 mm Ø test plug

gray	**2009-174**	100 (4x25)

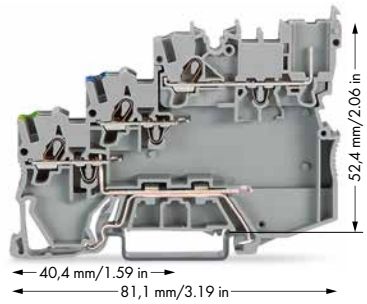
PUSH-IN CAGE CLAMP®

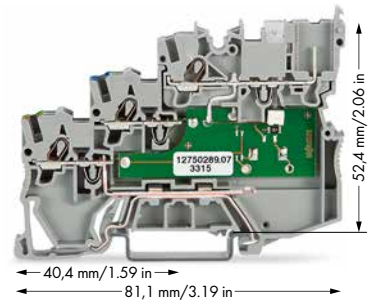
TOPJOB® S
3-Conductor Actuator Terminal Block with a Pluggable Signal Level
1 (1.5) mm², 2020 Series

0.14 … 1 (1.5) mm² ❶ 250 V/4 kV/3 ❷ I_N 13.5 A	24 … 16 AWG 300 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸ 9 … 11 mm / 0.35 … 0.43 inch	

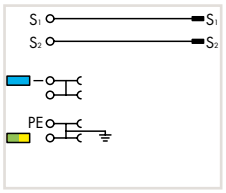
0.14 … 1 (1.5) mm² ❶ 24 VDC I_N 13.5 A	24 … 16 AWG 24 VDC, 10 A
Terminal block width: 7 mm / 0.276 inch ❸ 9 … 11 mm / 0.35 … 0.43 inch	

Note:
The double spacing per pole of this terminal block series maximizes connectivity. For example **ten** sensors may be connected using only **five** sensor terminal blocks plus a power supply terminal block.

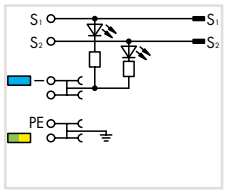




2020-5317/102-000



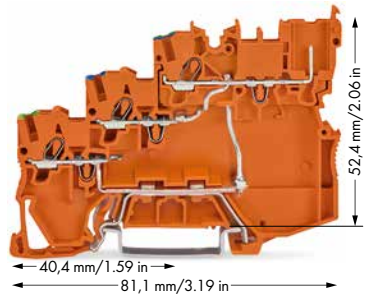
2020-5317/1102-950



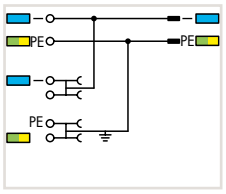
Item No.		Pack. Unit
3-conductor actuator terminal block; for PNP (high-side) switching actuators; with ground connection; with pluggable signal level		
gray	**2020-5317/102-000**	50

Note:
According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load. An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Item No.		Pack. Unit
3-conductor actuator terminal block; yellow LED; for PNP (high-side) switching actuators; with ground connection; with pluggable signal level		
gray	**2020-5317/1102-950**	50



2020-5377/102-000



Item No.		Pack. Unit
3-conductor actuator supply terminal block; for PNP (high-side) switching actuators; with ground connection; internally commoned; with pluggable signal level		
orange	**2020-5377/102-000**	15

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"
Push-in termination: 0.5 … 1.5 mm² "s"
and 0.5 … 0.75 mm²
"insulated ferrules, 10 mm"

❷ 250 V = Rated voltage
4 kV = Rated surge voltage
3 = Pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ 3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)

❹ See application notes in our Full Line Catalog, Volume 1.
Colored push-in type jumper bar
Push-in type wire jumper

Accessories for 3-Conductor Terminal Blocks
WMB/Marking Strips
(see Full Line Catalog, Volume 1, Section 13)

End and intermediate plate; 1 mm thick; for 3-conductor terminal blocks

gray	**2020-5391**	100 (4x25)

Push-in type jumper bar; insulated; I_N 14 A; light gray ❹

2-way	**2000-402**	200 (8x25)
3-way	**2000-403**	200 (8x25)
4-way	**2000-404**	200 (8x25)
5-way	**2000-405**	100 (4x25)
6-way	**2000-406**	100 (4x25)
7-way	**2000-407**	100 (4x25)
8-way	**2000-408**	100 (4x25)
9-way	**2000-409**	100 (4x25)
10-way	**2000-410**	100 (4x25)

Colored push-in type jumper bar;

red	**.../000-005**
blue	**.../000-006**
yellow-green	**.../000-018**

Push-in type jumper bar; insulated; I_N 14 A; light gray

1 to 3	**2000-433**	200 (8x25)
1 to 4	**2000-434**	200 (8x25)
1 to 5	**2000-435**	100 (4x25)
1 to 6	**2000-436**	100 (4x25)
1 to 7	**2000-437**	100 (4x25)
1 to 8	**2000-438**	100 (4x25)
1 to 9	**2000-439**	100 (4x25)
1 to 10	**2000-440**	100 (4x25)

Carrier with 6 coding pins; for coding female plugs

orange	**2020-100**	100 (4x25)

Locking lever; 4.8 mm wide

orange	**2022-142**	100 (4x25)
gray	**2022-141**	100 (4x25)

Locking lever; 9.6 mm wide

orange	**2022-152**	100 (4x25)
gray	**2022-151**	100 (4x25)

Test plug adapter; for 4 mm Ø test plug

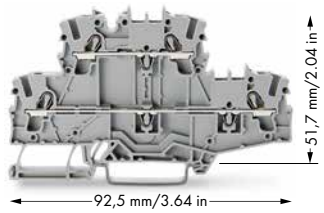
gray	**2009-174**	100 (4x25)

PUSH-IN CAGE CLAMP®

TOPJOB® S
Double-Deck Terminal Block with Vertical Conductor Entries
2.5 (4) mm², 2002 Series

1

0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG **800 V/8 kV/3 ❷** **I_N 24 A (28 A)** **Terminal block width: 5.2 mm / 0.205 inch** **10 … 12 mm / 0.39 … 0.47 inch**	**0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG** **800 V/8 kV/3 ❷** **I_N 24 A (28 A)** **Terminal block width: 5.2 mm / 0.205 inch** **10 … 12 mm / 0.39 … 0.47 inch**



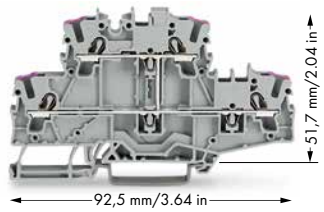
❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

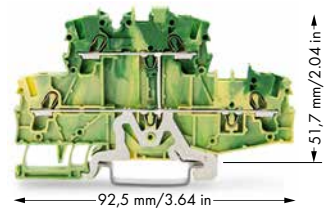
❷ 800 V = Rated voltage
8 kV = Rated surge voltage
3 = Pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ See application notes in our Full Line Catalog, Volume 1.
Colored push-in type jumper bar
Vertical jumpers

	Item No.	Pack. Unit
Double-deck terminal block; through/through terminal block; with vertical conductor entry; without marker carrier; gray housing		
L/L	**2002-2701**	50
N/L	**2002-2702**	50
L/N	**2002-2703**	50
Double-deck terminal block; through/through terminal block; with vertical conductor entry; without marker carrier; blue housing		
N/N	**2002-2704**	50

	Item No.	Pack. Unit
Double-deck terminal block; ground conductor/through terminal block; with vertical conductor entry; without marker carrier; gray housing		
PE/N	**2002-2717**	50
PE/L	**2002-2727**	50





	Item No.	Pack. Unit
Double-deck terminal block; 4-conductor through terminal block; with vertical conductor entry; without marker carrier; internally commoned; violet conductor entry; gray housing		
L	**2002-2708**	50
Double-deck terminal block; 4-conductor through terminal block; with vertical conductor entry; without marker carrier; internally commoned; violet conductor entry; blue housing		
N	**2002-2709**	50

	Item No.	Pack. Unit
Double-deck terminal block; 4-conductor ground terminal block; with vertical conductor entry; without marker carrier; internally commoned; green-yellow housing		
PE	**2002-2707**	50

Accessories, 2002 Series

Appropriate Marking Systems
(see Full Line Catalog, Volume 1, Section 13)

End and intermediate plate; 1 mm thick

orange	**2002-2792**	100 (4x25)
gray	**2002-2791**	100 (4x25)

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; I_N 25 A; light gray ❸

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

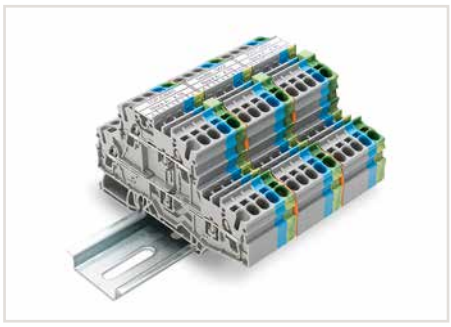
1 to 3	**2002-433**	200 (8x25)
1 to 4	**2002-434**	200 (8x25)
1 to 5	**2002-435**	100 (4x25)
1 to 6	**2002-436**	100 (4x25)
1 to 7	**2002-437**	100 (4x25)
1 to 8	**2002-438**	100 (4x25)
1 to 9	**2002-439**	100 (4x25)
1 to 10	**2002-440**	100 (4x25)

Double-deck vertical jumper; insulated; I_N 24 A ❸

light gray	**2002-492**	100 (4x25)
orange	**2002-492/000-012**	

Adjacent jumper for continuous commoning; insulated; I_N 25 A, light gray

2-way	**2002-400**	100 (4x25)



Double-deck terminal block assembly

PUSH-IN CAGE CLAMP®

TOPJOB® S
Component Plug on Carrier Terminal Block 2.5 (4) mm²
2042 Series

1

Component Plug	Component Plug
Plug width: 20.7 mm / 0.815 inch	**Plug width: 25.9 mm / 1.02 inch**

❶ Length of 2002-1661: 66.5 mm / 2.62 inch
2-conductor carrier terminal block

❷ Length of 2002-1761: 76.8 mm / 3.02 inch
3-conductor carrier terminal block

❸ Length of 2002-1861: 87.5 mm / 3.45 inch
4-conductor carrier terminal block

❹ Length of 2002-1961: 72.9 mm / 2.87 inch
2-conductor carrier terminal block with additional jumper slot

❺ See application notes in our Full Line Catalog, Volume 1.
Colored push-in type jumper bar
Staggered jumper
Push-in type wire jumper

Item No.	Pack. Unit
Component plug; with fiber optics; 8-pole; 20.7 mm wide	
2042-341	5

Item No.	Pack. Unit
Component plug; with fiber optics; 10-pole; 25.9 mm wide	
2042-351	5

Accessories for Carrier Terminal Blocks

Appropriate marking systems: WMB/Mini-WSB/Marker Strips
(see Full Line Catalog, Volume 1, Section 13)

2-conductor carrier terminal block;
❶ 0.25 … 2.5 (4) mm² / 22 … 12 AWG
5.2 mm / 0.205 inch wide

gray	**2002-1661**	50

End and intermediate plate; 1 mm thick

orange	**2002-1692**	100 (4x25)
gray	**2002-1691**	100 (4x25)

3-conductor carrier terminal block;
❷ 0.25 … 2.5 (4) mm² / 22 … 12 AWG
5.2 mm / 0.205 inch wide

gray	**2002-1761**	50

End and intermediate plate; 1 mm thick

orange	**2002-1792**	100 (4x25)
gray	**2002-1791**	100 (4x25)

4-conductor carrier terminal block;
❸ 0.25 … 2.5 (4) mm² / 22 … 12 AWG
5.2 mm / 0.205 inch wide

gray	**2002-1861**	50

End and intermediate plate; 1 mm thick

orange	**2002-1892**	100 (4x25)
gray	**2002-1891**	100 (4x25)

2-conductor carrier terminal block;
❹ 0.25 … 2.5 (4) mm² / 22 … 12 AWG
5.2 mm / 0.205 inch wide

gray	**2002-1961**	50

End and intermediate plate; 1 mm thick

orange	**2002-1992**	100 (4x25)
gray	**2002-1991**	100 (4x25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	**2002-115**	100 (4x25)

Push-in type wire jumper; insulated; I_N 18 A; 1.5 mm²
❺ conductor cross-section

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

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

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

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

Multi-purpose operating tool; for component plugs

	2002-116	5

Staggered jumper; insulated; I_N 25 A; light gray
❺

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)

WMB Multi marking system; white; 10 strips with 10 markers per card; stretchable from 5 … 5.2 mm

plain	**793-5501**	5

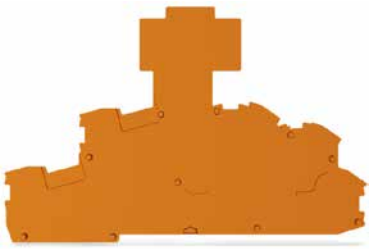
WMB Multi marking system; plain; 10 strips with 10 markers per card; stretchable from 5 … 5.2 mm

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

TOPJOB® S
Accessories for 2003 Series Multilevel Installation Terminal Blocks

End and Intermediate Plate		

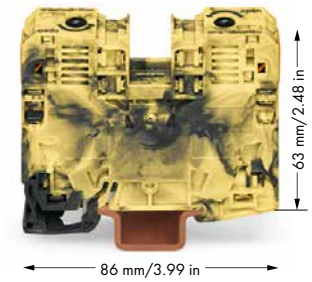


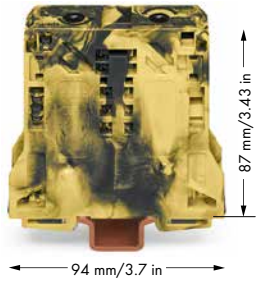
Color	Item No.	Pack. Unit		
End and intermediate plate; 1 mm thick; only for use with double-fuse plugs				
orange	**2003-6694**	100 (4x25)		

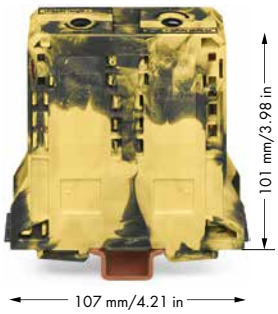
High-Current Through Terminal Block

35 mm², 50 (70 "f-st") mm², 95 mm², 185 mm², 285 Series

6 … 35 mm²	**10 … 2 AWG**	**10 … 50 (70 "f-st") mm²**	**8 … 1/0 AWG**	**25 … 95 mm²**	**4 … 4/0 AWG**
1000 V/8 kV/3 ❶	**600 V, 115 A**	**1000 V/8 kV/3 ❶**	**600 V, 150 A**	**1000 V/8 kV/3 ❶**	**600 V, 200 A**
I_N 125 A	**600 V, 115 A**	**I_N 150 A**	**600 V, 150 A**	**I_N 232 A**	**600 V, 210 A**
Terminal block width: 16 mm / 0.63 inch		**Terminal block width: 20 mm / 0.787 inch**		**Terminal block width: 25 mm / 0.984 inch**	
25 mm / 0.98 inch		**30 mm / 1.18 inch**		**35 mm / 1.38 inch**	







4

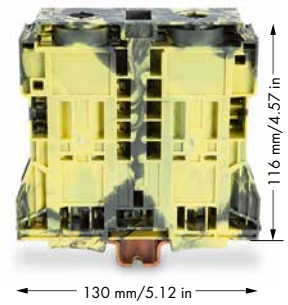
Item No.	Pack. Unit
2-conductor through terminal block; only for DIN 35 x 15 rail	
dark gray/yellow **285-131**	15
Item-Specific Accessories	
Adjacent jumper; insulated; I_N 85 A	
gray **285-435**	50 (2x25)
Protective warning marker; with a black high-voltage symbol	
yellow **285-420**	100 (4x25)
Finger guard; touch-proof cover protects unused conductor entries	
yellow **285-421**	100 (4x25)
Test plug adapter; 11.6 mm wide; for 1.5 … 16 mm² terminal blocks; for 4 mm Ø test plug	
gray **283-404**	25
Operating tool with a partially insulated shaft; type 3; (5.5 x 0.8) mm blade	
210-721	1
Three-phase set; with 35 mm² high-current terminal blocks	
285-139	1
Power tap; I_N 24 A; with 500 mm cable; for 16 mm² (283/783 Series) and 35 mm² (285/785 Series) rail-mount terminal blocks	
gray **283-407**	25
Steel carrier rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long	
unslotted **210-118**	10
Copper carrier rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long	
unslotted **210-198**	10
WMB Multi marking system; white; 10 strips with 10 markers per card; for 5 … 17.5 mm terminal block width	
plain **793-501**	5
Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide	
gray **285-442**	25

Item No.	Pack. Unit
2-conductor through terminal block; only for DIN 35 x 15 rail	
dark gray/yellow **285-151**	5
Item-Specific Accessories	
Adjacent jumper; insulated; ❸ I_N 150 A, for 1 jumper, I_N 130 A, for 2 … 4 jumpers	
gray **285-450**	100 (4x25)
Protective warning marker; with a black high-voltage symbol	
yellow **285-440**	50 (2x25)
Finger guard; touch-proof cover protects unused conductor entries and jumper slots	
yellow **285-441**	100 (4x25)
T-wrench with a partially insulated shaft	
285-172	1
Three-phase set; with 50 mm² high-current terminal blocks	
285-159	1
Steel carrier rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long	
unslotted **210-118**	10
Copper carrier rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long	
unslotted **210-198**	10
WMB Multi marking system; white; 10 strips with 10 markers per card; for 5 … 17.5 mm terminal block width	
plain **793-501**	5
WMB Multi marking system; white; 10 strips with 10 markers per card; stretchable from 5 … 5.2 mm	
plain **793-5501**	5
Marking strip; plain; 11 mm wide; 50 m reel	
white **2009-110**	1
Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide	
gray **285-442**	25

Item No.	Pack. Unit
2-conductor through terminal block; only for DIN 35 x 15 rail	
dark gray/yellow **285-191**	5
Item-Specific Accessories	
Adjacent jumper; insulated; I_N 232 A, for 1 jumper, I_N 192 A, for 2 … 4 jumpers	
gray **285-495**	25
Protective warning marker; with a black high-voltage symbol	
yellow **285-170**	50 (2x25)
Finger guard; touch-proof cover protects unused conductor entries and jumper slots	
yellow **285-169**	25
T-wrench with a partially insulated shaft	
285-172	1
Three-phase set; with 95 mm² high-current terminal blocks	
285-199	1
Steel carrier rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long	
unslotted **210-118**	10
Copper carrier rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long	
unslotted **210-198**	10
WMB Multi marking system; white; 10 strips with 10 markers per card; for 5 … 17.5 mm terminal block width	
plain **793-501**	5
WMB Multi marking system; white; 10 strips with 10 markers per card; stretchable from 5 … 5.2 mm	
plain **793-5501**	5
Marking strip; plain; 11 mm wide; 50 m reel	
white **2009-110**	1
Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide	
gray **285-442**	25

50 ... 185 mm² | 1/0 AWG ... 350 kcmil
1000 VAC/DC/1500 VDC/12 kV/3 ❷
I_N 353 A

Terminal block width: 32 mm / 1.26 inch
45 ... 47 mm / 1.77 ... 1.85 inch



	Item No.	Pack. Unit
2-conductor through terminal block; only for DIN 35 x 15 rail		
dark gray/yellow	**285-1181**	5

Item-Specific Accessories

Adjacent jumper; insulated; I_N 309 A for 1 jumper		
gray	**285-1171**	25
Protective warning marker; with a black high-voltage symbol		
yellow	**285-1177**	50 (2x25)
Finger guard; touch-proof cover protects unused conductor entries and jumper slots		
yellow	**285-1178**	25
T-wrench with a partially insulated shaft	**285-172**	1
Three-phase set; with 185 mm² high-current terminal blocks	**285-1169**	1
Steel carrier rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long		
unslotted	**210-118**	10
Copper carrier rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long		
unslotted	**210-198**	10
WMB Multi marking system; white; 10 strips with 10 markers per card; for 5 ... 17.5 mm terminal block width		
plain	**793-501**	5
WMB Multi marking system; white; 10 strips with 10 markers per card; stretchable from 5 ... 5.2 mm		
plain	**793-5501**	5
Marking strip; plain; 11 mm wide; 50 m reel		
white	**2009-110**	1
Screwless end stop; for DIN-35 rail; 14 mm wide		
gray	**249-197**	10

❶ 1000 V = Rated voltage
8 kV = Rated surge voltage
3 = Pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❷ Up to 1000 VAC/DC = Rated voltage
Up to 1500 VDC
12 kV = Rated surge voltage
3 = Pollution degree
(see Full Line Catalog, Volume 1, Section 14)

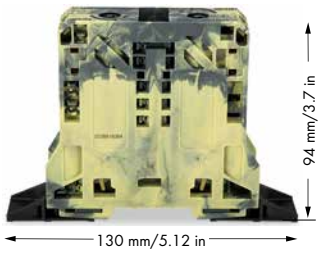
❸ Jumper can only be removed or inserted when the clamp is closed.

POWER CAGE CLAMP®

High-Current Through Terminal Block with Mounting Flanges

50 (70 "f-st") mm², 285 Series

10 ... 50 (70 "f-st") mm² | 8 ... 1/0 AWG **1000 V/8 kV/3 ❶** **I_N 150 A** **Terminal block width: 20 mm / 0.787 inch** **30 mm / 1.18 inch**	**10 ... 50 (70 "f-st") mm² | 8 ... 1/0 AWG** **1000 V/8 kV/3 ❶** **I_N 150 A** **Terminal block width: 20 mm / 0.787 inch** **30 mm / 1.18 inch**



❶ 1000 V = Rated voltage
8 kV = Rated surge voltage
3 = Pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❷ Jumper can only be removed or inserted when the clamp is closed.

	Item No.	Pack. Unit
2-conductor through terminal block; with mounting flanges		
gray	**285-141**	5
blue	**285-144**	5

	Item No.	Pack. Unit
2-conductor through terminal block; with mounting flanges		
dark gray/yellow	**285-147**	5

Accessories, 285 Series

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

Adjacent jumper; insulated;			
❷ I_N 150 A, for 1 jumper, I_N 130 A, for 2 ... 4 jumpers			
gray	**285-450**	100 (4x25)	
Block-to-block connector; for 50 mm² high-current terminal blocks			
orange	**285-448**	50 (2x25)	
Protective warning marker; with a black high-voltage symbol			
yellow	**285-440**	50 (2x25)	
Finger guard; touch-proof cover protects unused conductor entries and jumper slots			
yellow	**285-441**	100 (4x25)	
T-wrench with a partially insulated shaft			
	285-172	1	
Three-phase set; with 50 mm² high-current terminal blocks			
	285-148	1	
WMB Multi marking system; white; 10 strips with 10 markers per card; for 5 ... 17.5 mm terminal block width			
plain	**793-501**	5	
WMB Multi marking system; white; 10 strips with 10 markers per card; stretchable from 5 ... 5.2 mm			
plain	**793-5501**	5	
Marking strip; plain; 11 mm wide; 50 m reel			
white	**2009-110**	1	

WMB Multi marking system; 10 strips with 10 markers per card; for 5 ... 17.5 mm terminal block width			
plain	**793-501**	5	
WMB Multi marking system; 10 strips with 10 markers per card; stretchable from 5 ... 5.2 mm			
plain	**793-5501**	5	
Marking strip; plain; 11 mm wide; 50 m reel			
white	**2009-110**	1	
Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide			
gray	**285-442**	25	

Optionally, insert block-to-block connector (285-448) into housing slot.

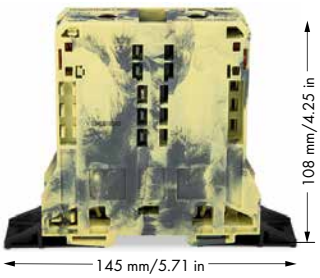
Align and snap high-current, through terminal blocks together.

POWER CAGE CLAMP®

High-Current Through Terminal Block with Mounting Flanges

95 mm², 285 Series

25 … 95 mm² | 4 … 4/0 AWG **1000 V/8 kV/3 ❶** **I_N 232 A** **Terminal block width: 25 mm / 0.984 inch** **35 mm / 1.38 inch**	**25 … 95 mm² | 4 … 4/0 AWG** **1000 V/8 kV/3 ❶** **I_N 232 A** **Terminal block width: 25 mm / 0.984 inch** **35 mm / 1.38 inch**



❶ 1000 V = Rated voltage
8 kV = Rated surge voltage
3 = Pollution degree
(see Full Line Catalog, Volume 1, Section 14)

4

	Item No.	Pack. Unit
2-conductor through terminal block; with mounting flanges		
gray	**285-181**	5
blue	**285-184**	5

	Item No.	Pack. Unit
2-conductor through terminal block; with mounting flanges		
dark gray/yellow	**285-187**	5

Optionally, insert block-to-block connector (285-168) into housing slot.

Accessories

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

Adjacent jumper; insulated;			
	I_N 232 A, for 1 jumper, I_N 192 A, for 2 … 4 jumpers		
gray	**285-495**	25	
Block-to-block connector; for 95 mm² high-current terminal blocks			
orange	**285-168**	50 (2x25)	
Protective warning marker; with a black high-voltage symbol			
yellow	**285-170**	50 (2x25)	
Finger guard; touch-proof cover protects unused conductor entries and jumper slots			
yellow	**285-169**	25	
T-wrench with a partially insulated shaft			
	285-172	1	
Three-phase set; with 95 mm² high-current terminal blocks			
	285-188	1	

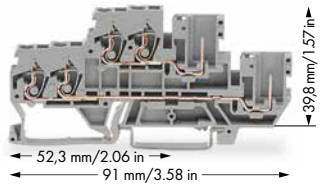
WMB Multi marking system; white; 10 strips with 10 markers per card; for 5 … 17.5 mm terminal block width			
plain	**793-501**	5	
WMB Multi marking system; white; 10 strips with 10 markers per card; stretchable from 5 … 5.2 mm			
plain	**793-5501**	5	
Marking strip; plain; 11 mm wide; 50 m reel			
white	**2009-110**	1	
Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide			
gray	**285-442**	25	

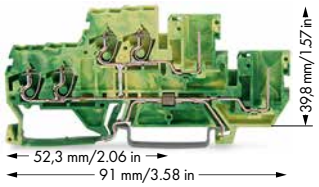
Align and snap high-current, through terminal blocks together.

CAGE CLAMP®

X-COM®-SYSTEM
2-Conductor/1-Pin Double-Deck Carrier Terminal Block
2.5 (4 "f-st") mm², 870 Series

0.08 ... 2.5 (4 "f-st") mm² ❶ | 28 ... 12 AWG **500 V/6 kV/3 ❷** **I_N 16 A** **Terminal block width: 5 mm / 0.197 inch** **6 ... 7 mm / 0.24 ... 0.28 inch**	**0.08 ... 2.5 (4 "f-st") mm² ❶ | 28 ... 12 AWG** **500 V/6 kV/3 ❷** **I_N 16 A** **Terminal block width: 5 mm / 0.197 inch** **6 ... 7 mm / 0.24 ... 0.28 inch**





❶ Max. insulation diameter: 4.4 mm

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

❸ See application notes in our Full Line Catalog, Volume 1.
Insulation stop

❹ Note: 2-conductor female plugs cannot be used.

	Item No.	Pack. Unit
2-conductor/2-pin double-deck carrier terminal block; through/through terminal block; gray housing		
L/L	**870-1131**	40

	Item No.	Pack. Unit
4-conductor/4-pin double-deck carrier block; 4-conductor/4-pin ground conductor block; internally commoned; green-yellow housing		
PE	**870-1137**	40

Accessories

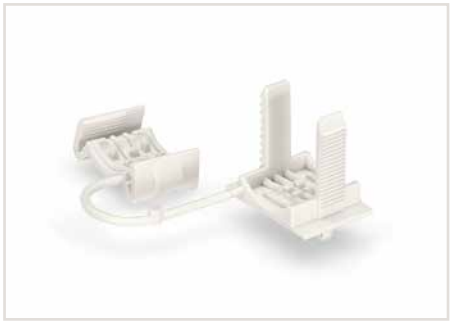
Appropriate marking systems: Mini-WSB/WMB

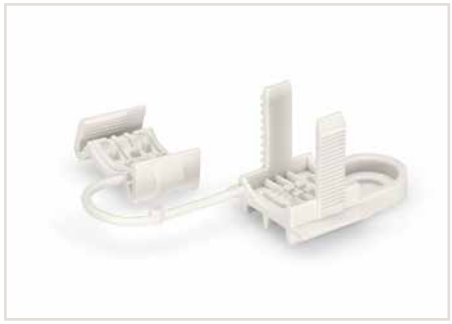
End and intermediate plate; 1 mm thick			
	orange	**870-1149**	100 (4x25)
	gray	**870-1148**	100 (4x25)
Insulation stop; 5 pcs/strip; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st") ❸			
	white	**280-470**	200 (8x25)
Push-in type jumper bar; insulated; I_N 18 A; light gray			
	2-way	**870-402**	200 (8x25)
	3-way	**870-403**	200 (8x25)
	4-way	**870-404**	100 (4x25)
	5-way	**870-405**	100 (4x25)
	6-way	**870-406**	100 (4x25)
	7-way	**870-407**	100 (4x25)
	8-way	**870-408**	100 (4x25)
	9-way	**870-409**	100 (4x25)
	10-way	**870-410**	50 (2x25)
Push-in type jumper bar; insulated; I_N 18 A; light gray			
	1 to 3	**870-433**	200 (8x25)
	1 to 4	**870-434**	200 (8x25)
	1 to 5	**870-435**	100 (4x25)
	1 to 6	**870-436**	100 (4x25)
	1 to 7	**870-437**	100 (4x25)
	1 to 8	**870-438**	100 (4x25)
	1 to 9	**870-439**	100 (4x25)
	1 to 10	**870-440**	50 (2x25)
Coding pin; for coding female plugs			
	orange	**769-435**	100 (4x25)
Pin cover; with Mini-WSB marker slot			
	gray	**769-438**	100 (4x25)
	orange	**769-439**	100 (4x25)
1-conductor female plug; angled			
	gray	**769-101/022-000**	200
1-connector female plug; straight ❹			
	gray	**769-101**	200

Accessories for 294 Series Field-Wiring Terminal Blocks

Strain Relief	Strain Relief	

	Item No.	Pack. Unit		Item No.	Pack. Unit	
Strain relief; with snap-in mounting feet; for 4.5 ... 12 mm cable diameter			Strain relief; for screw/rivet mounting; for 4.5 ... 12 mm cable diameter			
◯ white	**294-370**	500	◯ white	**294-375**	500	





9

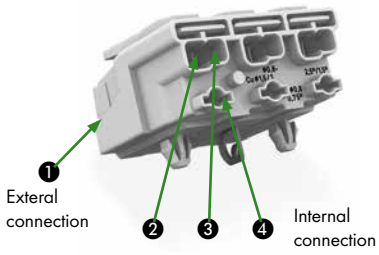
Field-Wiring Terminal Block
2.5 mm², 294 Series

Terminating five conductors per pole – solid and fine-stranded.

- External connection of solid, stranded and fine-stranded conductors
- Universal conductor termination (AWG, metric)
- Third contact located at the bottom of internal connection end
- Strain relief plate can be retrofitted

Technical Data

Ratings per	IEC/EN 60998-1	IEC/EN 60998-2-2	
Overvoltage category	II	II	
Pollution degree	2	2	
Rated voltage	500 V	500 V	
Rated surge voltage	4 kV	4 kV	
Nominal Current	24 A	24 A	
Temperature specification	T 85	T 85	



Conductor Data (External Connection)

Connection technology 1	Push-in CAGE CLAMP®
Conductor range: solid, stranded or fine-stranded	2 x 0.5 … 2.5 mm²
Conductor range: with ferrule	2 x 0.5 … 1.5 mm²
AWG: solid	2 x 18 … 12
AWG: stranded and fine-stranded	2 x 18 … 14
Strip length	8 … 9 mm / 0.31 … 0.35 inch

Conductor Data (Internal Connection)

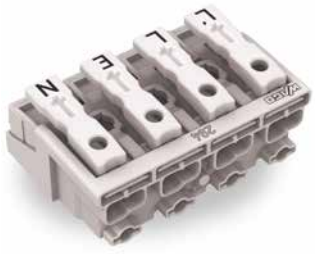
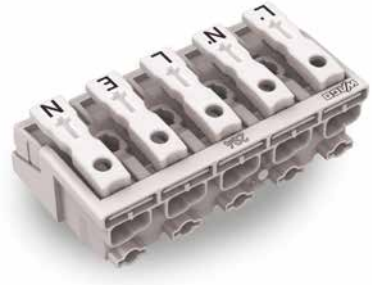
Connection technology	PUSH WIRE®
Conductor termination 2	
Conductor range: solid	0.5 … 2.5 mm²
Conductor range: fine-stranded	0.5 … 1.5 mm² (with uninsulated ferrule)
Conductor range: fine-stranded	0.5 … 1 mm² (with insulated ferrule)
AWG: solid	18 … 14
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Conductor termination 3	
Conductor range: solid	0.5 … 1.5 mm²
Conductor range: fine-stranded	0.5 … 1 mm² (with uninsulated ferrule)
Conductor range: fine-stranded	0.5 … 0.75 mm² (with insulated ferrule)
AWG: solid	18 … 16
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Conductor termination 4	
Conductor range: solid	0.5 … 0.75 mm²
AWG: solid	18
Strip length	8 … 9 mm / 0.31 … 0.35 inch

Material Data

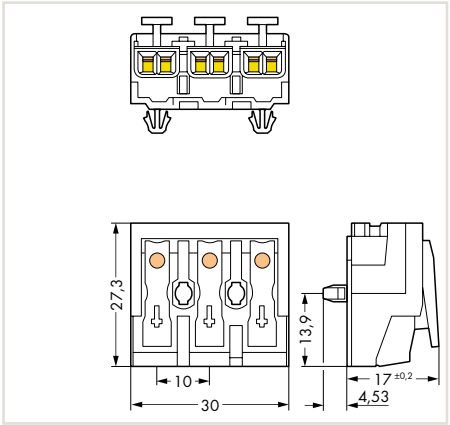
Material group	IIIa
Insulation material	Polycarbonate (PC)
Temperature stability	Relative Temperature Index (RTI) of 120 °C
Flammability class per UL 94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact Material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated
16 mm-high versions are available upon request.	

Field-Wiring Terminal Block

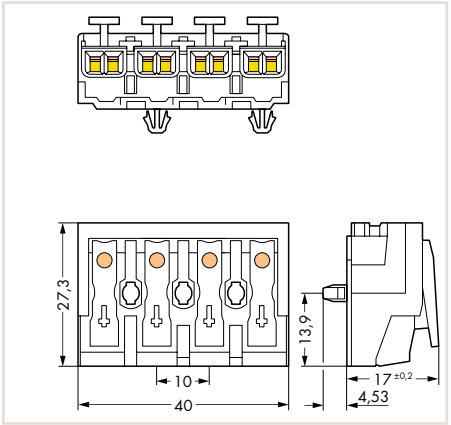
2.5 mm², 294 Series

Without GND Contact	Without GND Contact	Without GND Contact
		

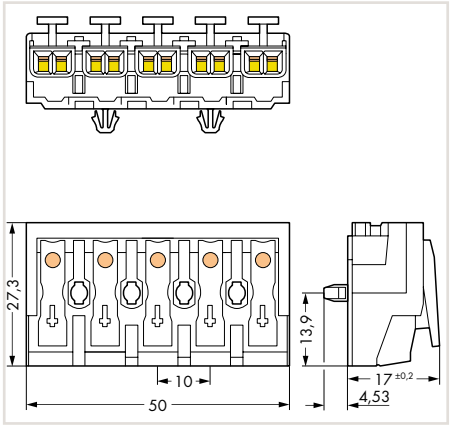
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
		Field-wiring terminal block without ground contact, with snap-in mounting feet; 4-pole; white		Field-wiring terminal block without ground contact, with snap-in mounting feet; 5-pole; white	
		◯ 1/L´-2/L-E-N **294-5094/4025-000**	500	◯ L´-N´-L-E-N **294-5095/5027-000**	250
				◯ L3-L2-L1-E-N **294-5095/5026-000**	250
				◯ DA+ DA- L E N **294-5095/5025-000**	250
Field-wiring terminal block without ground contact; without snap-in mounting feet; 3-pole; white		Field-wiring terminal block without ground contact; without snap-in mounting feet; 4-pole; white		Field-wiring terminal block without ground contact; without snap-in mounting feet; 5-pole; white	
◯ N-E-L **294-4093/3025-000**	500	◯ 1/L´-2/L-E-N **294-4094/4025-000**	500	◯ L´-N´-L-E-N **294-4095/5027-000**	250
				◯ L3-L2-L1-E-N **294-4095/5026-000**	250
				◯ DA+ DA- L E N **294-4095/5025-000**	250



Dimensions in mm



Dimensions in mm



Dimensions in mm

Matrix Patchboard with Push-Buttons; 32-Pole – Slimline Version, for 19" Racks

726 Series

Side 1: 32 x 0.08 ... 1.5 mm² | 28 ... 16 AWG Side 2: 32 x 0.08 ... 1.5 mm² | 28 ... 16 AWG 500 V/6 kV/3 ❶ I_N 10 A 10 mm / 0.39 inch	Side 1: 32 x 0.08 ... 1.5 mm² | 28 ... 16 AWG Side 2: 32 x 0.08 ... 1.5 mm² | 28 ... 16 AWG 500 V/6 kV/3 ❶ I_N 10 A 10 mm / 0.39 inch

❶ 500 V = Rated voltage
8 kV = Rated surge voltage
3 = Pollution degree
(see Full Line Catalog, Volume 1, Section 14)

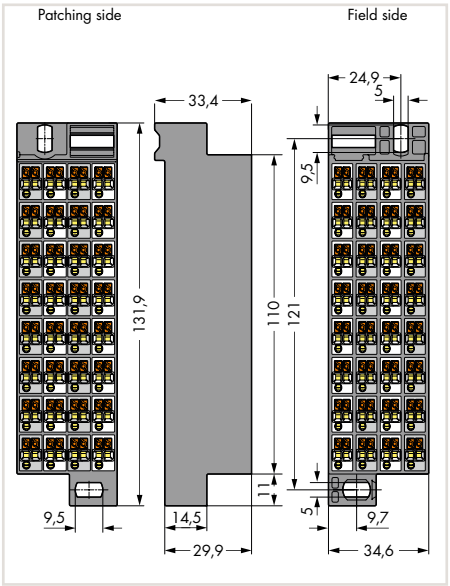
❷ See application notes in our Full Line Catalog, Volume 1.
Decade marker carrier

	Item No.	Pack. Unit
Matrix patchboard; dark gray frame; gray/white modules; vertical module marking on sides 1 and 2; for 19" racks		
without marking	**726-770**	20

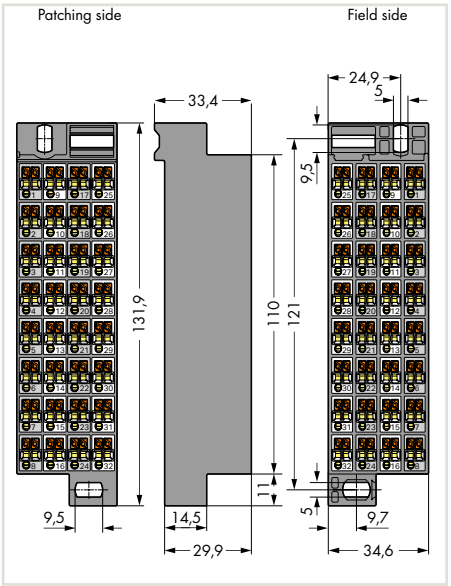
	Item No.	Pack. Unit
Matrix patchboard; dark gray frame; gray/white modules; vertical module marking on sides 1 and 2; for 19" racks		
Marking 1 ... 32	**726-771**	20

Matrix Patchboard Accessories

Wire commoning chain; insulated; 31 connections; I_N 6 A; max. 50 V; 0.5 mm²			
	gray	**709-107**	1
WMB Inline; plain; stretchable from 5 ... 5.2 mm; 1,500 WMB markers (5 mm) per reel			
	white	**2009-115**	1
Marking strip; plain; 11 mm wide; 50 m reel			
	white	**2009-110**	1
WMB Multi marking system; 10 strips with 10 markers per card; stretchable from 5 ... 5.2 mm			
	plain	**793-5501**	5
WMB Multi marking system; plain; 10 strips with 10 markers per card; stretchable from 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
❷ Decade marker carrier; for matrix patchboards			
	dark gray	**726-905**	10
Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade			
		210-719	1
Test probe; 2 mm Ø; min. 12 mm long; uninsulated tip; not offered by WAGO (e.g., MultiContact XPP-80/2-16)			



Dimensions in mm



Dimensions in mm

11

Vario-T-BOXX and L-BOXX® 102
The COMPACT Splicing Connector Line-Up
887 Series

Vario-T-BOXX	L-BOXX® 102; the COMPACT splicing connector line-up	

Item No.		Pack. Unit
Vario-T-BOXX		
887-912		1
Contains:		
COMPACT PUSH WIRE® Connectors for Junction Boxes		
3 x 0.5 … 2.5 mm²	2273-203	100
5 x 0.5 … 2.5 mm²	2273-205	100
8 x 0.5 … 2.5 mm²	2273-208	50
COMPACT Splicing Connectors		
3 x 0.14 … 4 mm²	221-413	50
5 x 0.14 … 4 mm²	221-415	25
Lighting Connectors		
2 x 1 … 2.5 mm² "s"	224-112	100
PUSH WIRE® Connectors for Junction Boxes		
1.5 … 4 mm² "s"	773-604	100
MICRO PUSH WIRE® Connectors for Junction Boxes		
4 x 0.6 … 0.8 mm Ø	243-204	100
4 x 0.6 … 0.8 mm Ø	243-804	100
8 x 0.6 … 0.8 mm Ø	243-208	50
Mounting Carrier		
6-way	243-113	10

Item No.			Pack. Unit
L-BOXX® 102; the COMPACT splicing connector line-up			
887-913			1
Contains:			
COMPACT PUSH WIRE® Connectors for Junction Boxes			
orange	3 x 0.5 … 2.5 mm²	2273-203	100
yellow	5 x 0.5 … 2.5 mm²	2273-205	100
light gray	8 x 0.5 … 2.5 mm²	2273-208	50
COMPACT Splicing Connectors			
transparent	2 x 0.14 … 4 mm²	221-412	100
transparent	3 x 0.14 … 4 mm²	221-413	50
transparent	5 x 0.14 … 4 mm²	221-415	25
Lighting Connectors			
white	2 x 1 … 2.5 mm² "s"	224-112	100
PUSH WIRE® Connectors for Junction Boxes			
red	2.5 … 6 mm² "s+str"	773-173	50
MICRO PUSH WIRE® Connectors for Junction Boxes			
dark gray	4 x 0.6 … 0.8 mm Ø	243-204	100
dark gray	8 x 0.6 … 0.8 mm Ø	243-208	50
Mounting Carrier			
orange		221-500	4

Mounting Carrier for Single Connectors, 221 Series

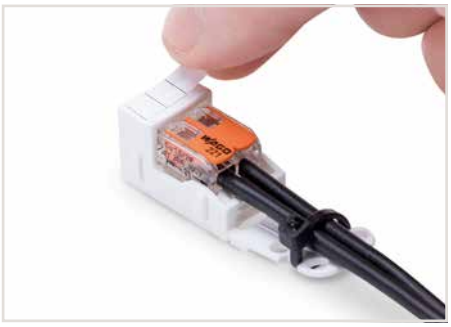
Installation

Inserting a connector into the mounting carrier.

Removing a connector from the mounting carrier.

Inserting a conductor.

Use a cable tie to secure the conductors to the strain relief plate.



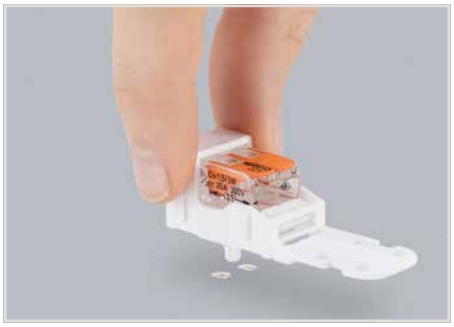
Labeling

Testing a connector mounted on the carrier via test slot.

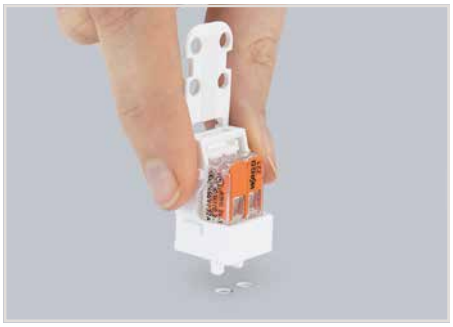
The strain relief plate can be removed.

Horizontal screw mounting

Vertical screw mounting



Horizontal mounting via snap-in foot



Vertical mounting via snap-in foot

Connecting a light to the mains.

Mounting Carrier for Single Connectors

221 Series

Mounting Carrier	Mounting Carrier	Mounting Carrier
		

Color	Item No.	Pack. Unit
Mounting Carrier; for 2-conductor connectors; for screw mounting		
Dimensions from the surface (mm) W x H x D		
18.1 x 16.9 x 52.8		
More information on dimensions is available upon request.		
○ white	**221-502**	50 (5x10)
● black	**221-502/000-004**	50 (5x10)
Mounting carrier; for 2-conductor connectors; with snap-in mounting foot for horizontal mounting		
Dimensions from the surface (mm) W x H x D		
18.1 x 16.9 (+ 4.5 snap-in mounting foot) x 52.8		
More information on dimensions is available upon request.		
○ white	**221-512**	50 (5x10)
● black	**221-512/000-004**	50 (5x10)
Mounting carrier; for 2-conductor connectors; with snap-in mounting foot for vertical mounting		
Dimensions from the surface (mm) W x H x D		
18.1 x 52.8 (+ 4.5 snap-in mounting foot) x 16.9		
More information on dimensions is available upon request.		
○ white	**221-522**	50 (5x10)
● black	**221-522/000-004**	50 (5x10)

Color	Item No.	Pack. Unit
Mounting Carrier; for 3-conductor connectors; for screw mounting		
Dimensions from the surface (mm) W x H x D		
23.7 x 16.9 x 52.8		
More information on dimensions is available upon request.		
○ white	**221-503**	50 (5x10)
● black	**221-503/000-004**	50 (5x10)
Mounting carrier; for 3-conductor connectors; with snap-in mounting foot for horizontal mounting		
Dimensions from the surface (mm) W x H x D		
23.7 x 16.9 (+ 4.5 snap-in mounting foot) x 52.8		
More information on dimensions is available upon request.		
○ white	**221-513**	50 (5x10)
● black	**221-513/000-004**	50 (5x10)
Mounting carrier; for 3-conductor connectors; with snap-in mounting foot for vertical mounting		
Dimensions from the surface (mm) W x H x D		
23.7 x 52.8 (+ 4.5 snap-in mounting foot) x 16.9		
More information on dimensions is available upon request.		
○ white	**221-523**	50 (5x10)
● black	**221-523/000-004**	50 (5x10)

Color	Item No.	Pack. Unit
Mounting Carrier; for 5-conductor connectors; for screw mounting		
Dimensions from the surface (mm) W x H x D		
35 x 16.9 x 52.8		
More information on dimensions is available upon request.		
○ white	**221-505**	50 (5x10)
● black	**221-505/000-004**	50 (5x10)
Mounting carrier; for 5-conductor connectors; with snap-in mounting foot for horizontal mounting		
Dimensions from the surface (mm) W x H x D		
35 x 16.9 (+ 4.5 snap-in mounting foot) x 52.8		
More information on dimensions is available upon request.		
○ white	**221-515**	50 (5x10)
● black	**221-515/000-004**	50 (5x10)
Mounting carrier; for 5-conductor connectors; with snap-in mounting foot for vertical mounting		
Dimensions from the surface (mm) W x H x D		
35 x 52.8 (+ 4.5 snap-in mounting foot) x 16.9		
More information on dimensions is available upon request.		
○ white	**221-525**	50 (5x10)
● black	**221-525/000-004**	50 (5x10)

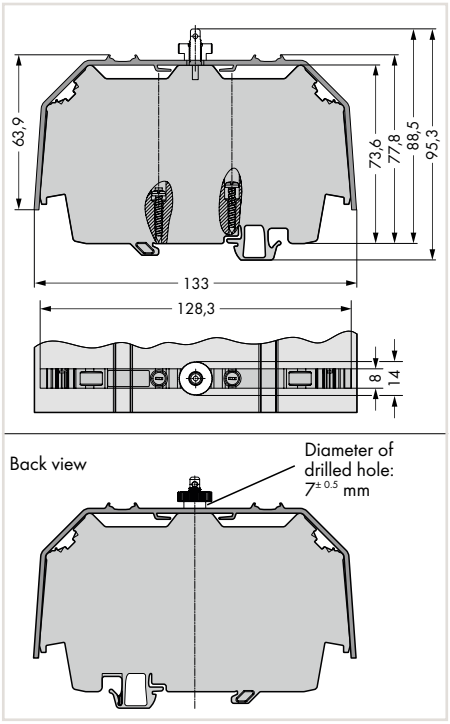
Transparent Cover for Rail-Mount Terminal Blocks, Usable with Lead Seal
709 Series

	Item No.	Pack. Unit
Cover "type 3"; for cover carrier "type 3"; 1 m long		
transparent	**709-156**	1

	Item No.	Pack. Unit
Cover carrier; type 3; incl. mounting/securing screws and knurled nut; for TOPJOB® S rail-mount terminal blocks (2000 to 2016 Series); for transformer terminal blocks (2007 Series)		
gray	**709-169**	10

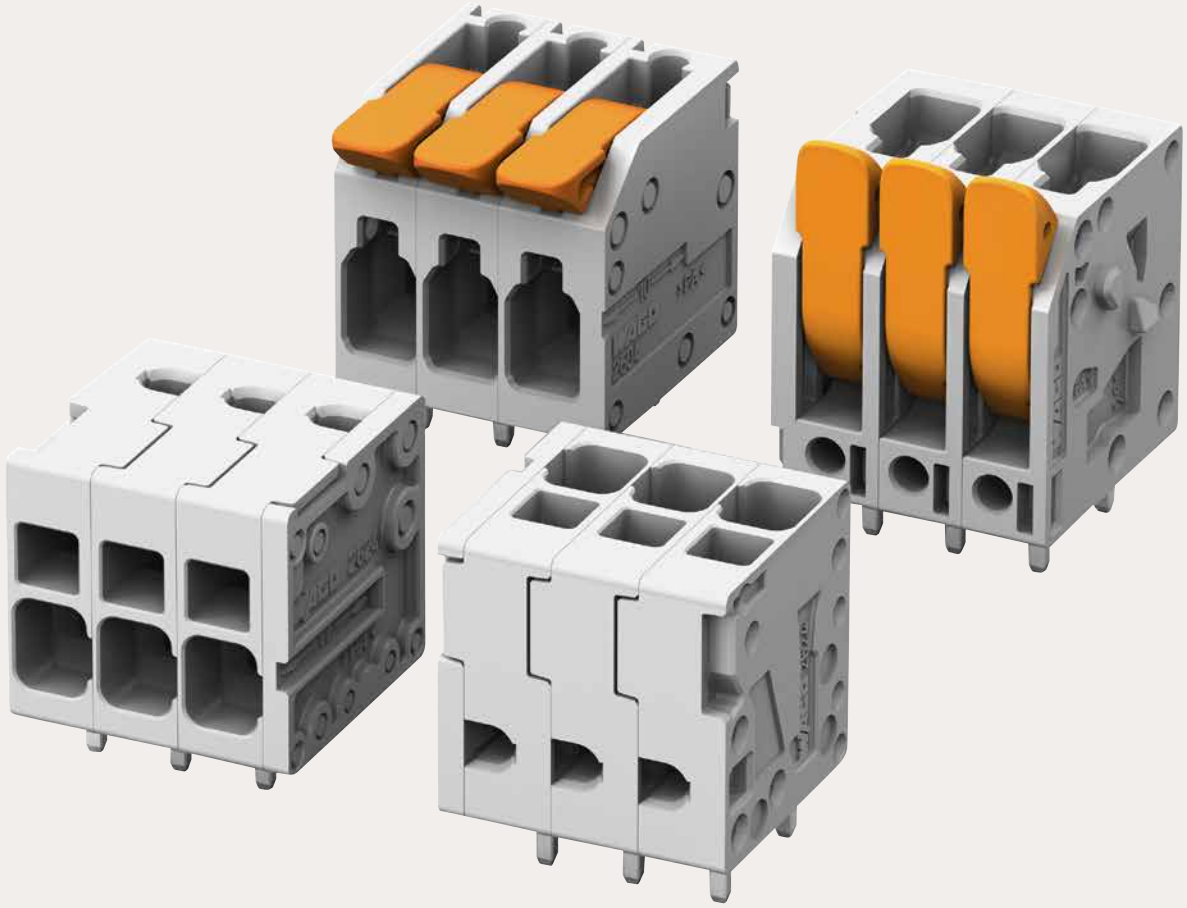
Accessories

Marking strip; plain; 11 mm wide; 50 m reel		
white	**2009-110**	1
Spare mounting/securing screw; for cover		
	209-196	200 (8x25)
Spare knurled nut; for cover		
	210-549	100 (4x25)



Dimensions in mm

13



Volume 2, PCB Terminal Blocks and Connectors

Volume 2, PCB Terminal Blocks and Connectors
Contents

		Nominal Cross-Section	Series	Page
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	**PCB Terminal Blocks with Screwdriver Actuation; Push-in CAGE CLAMP®**	4 mm²	2624	40
	**PCB Terminal Blocks with Screwdriver Actuation; Push-in CAGE CLAMP®**	6 mm²	2626	44
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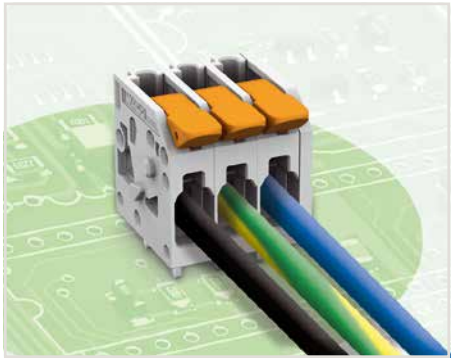
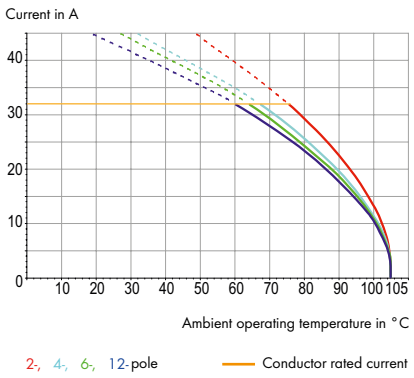
PCB Terminal Blocks with Levers; 4 mm²
Pin Spacing: 5 mm; 7.5 mm; 11.5 mm
2604 Series

1



- PCB terminal blocks with lever-actuated Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry

Current-Carrying Capacity Curve
Pin spacing: 5 mm / Conductor cross-section: 4 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data for Pin Spacing	5 mm 0.197 inch	7.5 mm 0.295 inch	11.5 mm 0.453 inch
Ratings per*	IEC/EN 60664-1	IEC/EN 60664-1	IEC/EN 60664-1
Nominal voltage (III / 3)	320 V	630 V	1000 V
Rated impulse voltage (III / 3)	4 kV	6 kV	8 kV
Rated voltage (III / 2)	400 V	1000 V	1000 V
Rated surge voltage (III / 2)	4 kV	6 kV	8 kV
Rated voltage (II / 2)	630 V	1000 V	1000 V
Rated surge voltage (II / 2)	4 kV	6 kV	8 kV
Rated current	32 A	32 A	32 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	9 … 11 mm / 0.35 … 0.43 inch
Conductor entry angle to the PCB	0°
Conductor cross-sections	
Solid conductor	0.2 … 4 mm² / 24 … 12 AWG
Fine-stranded conductor	0.2 … 4 mm² / 24 … 12 AWG
Fine-stranded conductor with insulated ferrule	0.25 … 2.5 mm²
Fine-stranded conductor with uninsulated ferrule	0.25 … 2.5 mm²
Fine-stranded conductor, with twin ferrule	0.25 … 1.5 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	0.8 x 1 mm
Drilled hole diameter	$1.3^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

UL/CSA approval pending

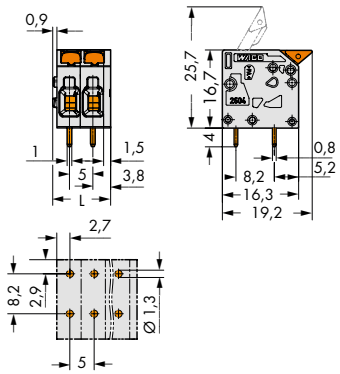
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

PUSH-IN CAGE CLAMP®

PCB Terminal Blocks with Levers; 4 mm²
Pin Spacing: 5 mm; 7.5 mm; 11.5 mm
2604 Series

Dimensions in mm

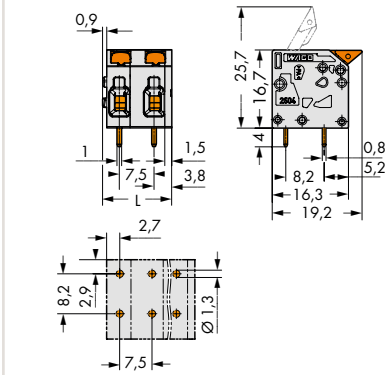


L = (pole no. – 1) x pin spacing + 7.4 mm

PCB terminal block with levers;
conductor entry parallel to PCB;
2 solder pins/pole; gray;
5 mm (0.197 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2604-1101	300
2	2604-1102	200
3	2604-1103	130
4	2604-1104	100
5	2604-1105	80
6	2604-1106	60
7	2604-1107	60
8	2604-1108	50
9	2604-1109	40
10	2604-1110	40
11	2604-1111	30
12	2604-1112	30

Dimensions in mm

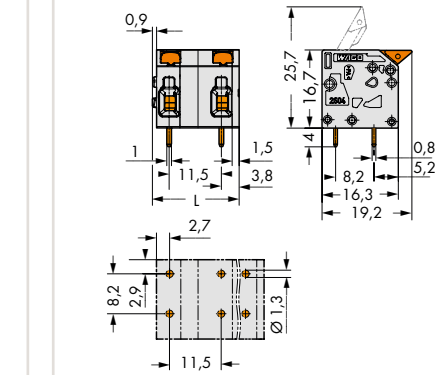


L = (pole no. – 1) x pin spacing + 7.4 mm

PCB terminal block with levers;
conductor entry parallel to PCB;
2 solder pins/pole; gray;
7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2604-1302	150
3	2604-1303	100
4	2604-1304	70
5	2604-1305	60
6	2604-1306	45
7	2604-1307	40
8	2604-1308	35
9	2604-1309	30
10	2604-1310	25
11	2604-1311	25
12	2604-1312	25

Dimensions in mm



L = (pole no. – 1) x pin spacing + 7.4 mm

PCB terminal block with levers;
conductor entry parallel to PCB;
2 solder pins/pole; gray;
11.5 mm (0.453 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2604-1502	120
3	2604-1503	70
4	2604-1504	50
5	2604-1505	40
6	2604-1506	30
7	2604-1507	25
8	2604-1508	25
9	2604-1509	25
10	2604-1510	20
11	2604-1511	20
12	2604-1512	15

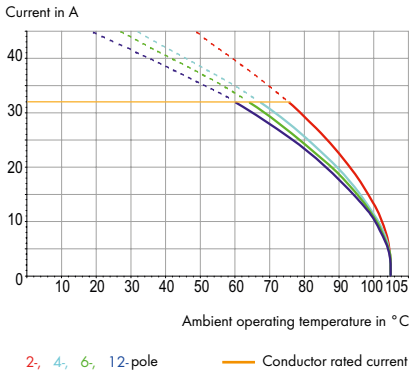
Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

PCB Terminal Blocks with Levers; 4 mm²
Pin Spacing: 5 mm; 7.5 mm; 11.5 mm
2604 Series

1

- PCB terminal blocks with lever-actuated Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry

Current-Carrying Capacity Curve
Pin spacing: 5 mm / Conductor cross-section: 4 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data for Pin Spacing	5 mm 0.197 inch	7.5 mm 0.295 inch	11.5 mm 0.453 inch
Ratings per*	IEC/EN 60664-1	IEC/EN 60664-1	IEC/EN 60664-1
Nominal voltage (III / 3)	320 V	630 V	1000 V
Rated impulse voltage (III / 3)	4 kV	6 kV	8 kV
Rated voltage (III / 2)	400 V	1000 V	1000 V
Rated surge voltage (III / 2)	4 kV	6 kV	8 kV
Rated voltage (II / 2)	630 V	1000 V	1000 V
Rated surge voltage (II / 2)	4 kV	6 kV	8 kV
Rated current	32 A	32 A	32 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	9 … 11 mm / 0.35 … 0.43 inch
Conductor entry angle to the PCB	90°
Conductor cross-sections	
Solid conductor	0.2 … 4 mm² / 24 … 12 AWG
Fine-stranded conductor	0.2 … 4 mm² / 24 … 12 AWG
Fine-stranded conductor with insulated ferrule	0.25 … 2.5 mm²
Fine-stranded conductor with uninsulated ferrule	0.25 … 2.5 mm²
Fine-stranded conductor, with twin ferrule	0.25 … 1.5 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	0.8 x 1 mm
Drilled hole diameter	$1.3^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

UL/CSA approval pending

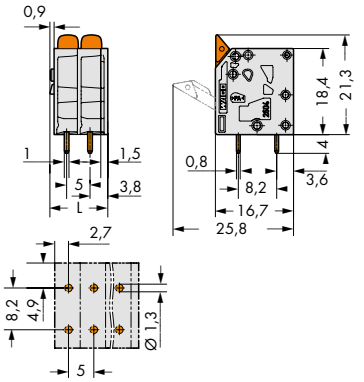
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

PUSH-IN CAGE CLAMP®

PCB Terminal Blocks with Levers; 4 mm²
Pin Spacing: 5 mm; 7.5 mm; 11.5 mm
2604 Series

Dimensions in mm

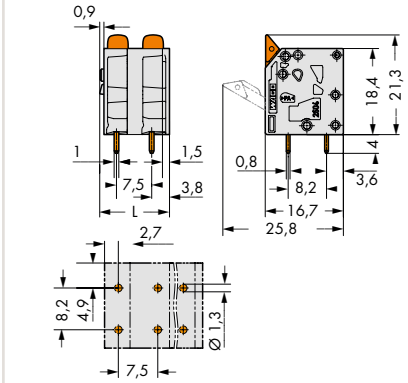


L = (pole no. – 1) x pin spacing + 7.4 mm

PCB terminal block with levers;
conductor entry perpendicular to PCB;
2 solder pins/pole; gray;
5 mm (0.197 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2604-3101	250
2	2604-3102	180
3	2604-3103	120
4	2604-3104	90
5	2604-3105	70
6	2604-3106	50
7	2604-3107	50
8	2604-3108	40
9	2604-3109	40
10	2604-3110	30
11	2604-3111	30
12	2604-3112	30

Dimensions in mm

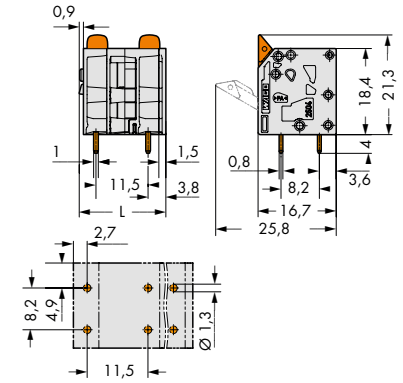


L = (pole no. – 1) x pin spacing + 7.4 mm

PCB terminal block with levers;
conductor entry perpendicular to PCB;
2 solder pins/pole; gray;
7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2604-3302	150
3	2604-3303	100
4	2604-3304	70
5	2604-3305	50
6	2604-3306	45
7	2604-3307	40
8	2604-3308	30
9	2604-3309	30
10	2604-3310	25
11	2604-3311	25
12	2604-3312	25

Dimensions in mm



L = (pole no. – 1) x pin spacing + 7.4 mm

PCB terminal block with levers;
conductor entry perpendicular to PCB;
2 solder pins/pole; gray;
11.5 mm (0.453 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2604-3502	120
3	2604-3503	70
4	2604-3504	50
5	2604-3505	40
6	2604-3506	30
7	2604-3507	25
8	2604-3508	25
9	2604-3509	25
10	2604-3510	20
11	2604-3511	20
12	2604-3512	15

Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

PCB Terminal Blocks with Levers; 6 mm²
Pin Spacing: 7.5 mm
2606 Series

- PCB terminal blocks with lever-actuated Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry

Electrical Data	
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated surge voltage (III / 2)	8 kV
Rated voltage (II / 2)	1000 V
Rated surge voltage (II / 2)	8 kV
Rated current	41 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	11 … 13 mm / 0.43 … 0.51 inch
Conductor entry angle to the PCB	0°
Conductor cross-sections	
Solid conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor with insulated ferrule	0.25 … 6 mm²
Fine-stranded conductor with uninsulated ferrule	0.5 … 6 mm²
Fine-stranded conductor, with twin ferrule	0.5 … 2.5 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1.2 mm
Drilled hole diameter	$2^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

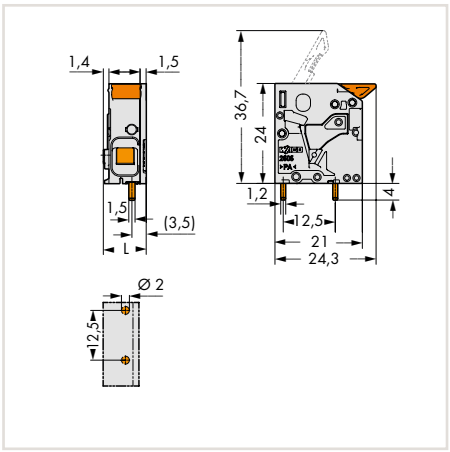
UL/CSA approval pending

Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

PCB Terminal Blocks with Levers; 6 mm²
Pin Spacing: 7.5 mm
2606 Series

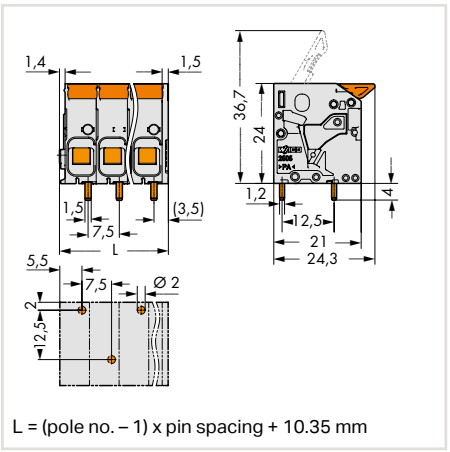
Dimensions in mm



PCB terminal block with lever;
conductor entry parallel to PCB;
2 solder pins/pole; gray;
7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2606-1101	200

Dimensions in mm



L = (pole no. – 1) x pin spacing + 10.35 mm

PCB terminal block with levers;
conductor entry parallel to PCB;
1 staggered solder pin/pole; gray;
7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2606-1102/020-000	120
3	2606-1103/020-000	80
4	2606-1104/020-000	60
5	2606-1105/020-000	50
6	2606-1106/020-000	40
7	2606-1107/020-000	35
8	2606-1108/020-000	30
9	2606-1109/020-000	25
10	2606-1110/020-000	25
11	2606-1111/020-000	25
12	2606-1112/020-000	25

Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

PCB Terminal Blocks with Levers; 6 mm²
Pin Spacing: 7.5 mm
2606 Series

- PCB terminal blocks with lever-actuated Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry

Electrical Data	
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated surge voltage (III / 2)	8 kV
Rated voltage (II / 2)	1000 V
Rated surge voltage (II / 2)	8 kV
Rated current	41 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	11 … 13 mm / 0.43 … 0.51 inch
Conductor entry angle to the PCB	90°
Conductor cross-sections	
Solid conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor with insulated ferrule	0.25 … 6 mm²
Fine-stranded conductor with uninsulated ferrule	0.5 … 6 mm²
Fine-stranded conductor, with twin ferrule	0.5 … 2.5 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1.2 mm
Drilled hole diameter	$2^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

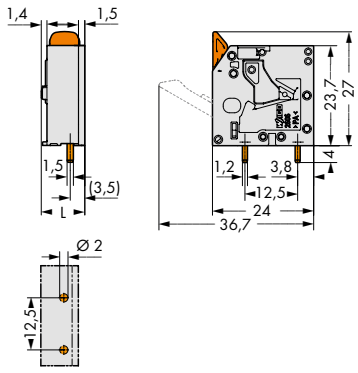
UL/CSA approval pending

Additional technical information, see Volume 2, Section 13

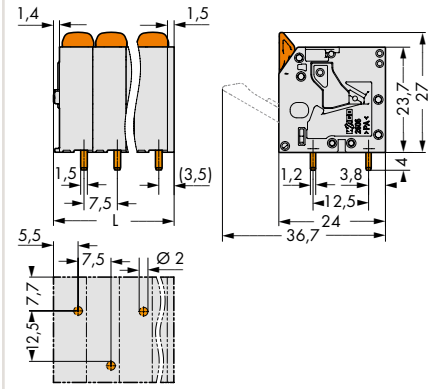
Approvals and corresponding ratings, visit www.wago.com

PCB Terminal Blocks with Levers; 6 mm²
Pin Spacing: 7.5 mm
2606 Series

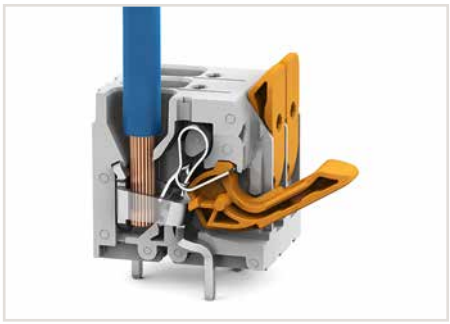
Dimensions in mm



Dimensions in mm



L = (pole no. – 1) x pin spacing + 10.35 mm



Insert solid conductors via push-in termination. Insert fine-stranded conductors – as well as remove all conductors – via operating lever.

PCB terminal block with lever; conductor entry perpendicular to PCB; 2 solder pins/pole; gray; 7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2606-3101	200

PCB terminal block with levers; conductor entry perpendicular to PCB; 1 staggered solder pin/pole; gray; 7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2606-3102/020-000	120
3	2606-3103/020-000	80
4	2606-3104/020-000	60
5	2606-3105/020-000	50
6	2606-3106/020-000	40
7	2606-3107/020-000	35
8	2606-3108/000-000	30
9	2606-3109/020-000	25
10	2606-3110/020-000	25
11	2606-3111/020-000	25
12	2606-3112/020-000	25

Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

PCB Terminal Blocks with Levers; 16 mm²
Pin Spacing: 10 mm
2616 Series

- PCB terminal blocks with lever-actuated Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry
- 2616 Series available: April 2017

Electrical Data	
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	1000 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated surge voltage (III / 2)	8 kV
Rated voltage (II / 2)	1000 V
Rated surge voltage (II / 2)	8 kV
Rated current	76 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	18 … 20 mm / 0.71 … 0.79 inch
Conductor entry angle to the PCB	0°
Conductor cross-sections	
Solid conductor	0.75 … 16 mm² / 18 … 4 AWG
Fine-stranded conductor	0.75 … 25 mm² / 18 … 4 AWG
Fine-stranded conductor with insulated ferrule	0.75 … 16 mm²
Fine-stranded conductor with uninsulated ferrule	0.75 … 16 mm²
Fine-stranded conductor, with twin ferrule	0.75 … 6 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	1.2 x 1.2 mm
Drilled hole diameter	$1.7^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

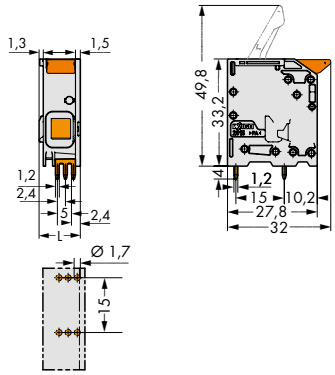
UL/CSA approval pending

Additional technical information, see Volume 2, Section 13

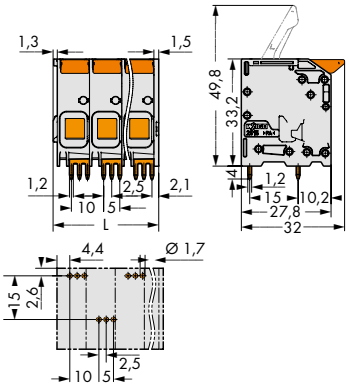
Approvals and corresponding ratings, visit www.wago.com

PCB Terminal Blocks with Levers; 16 mm²
Pin Spacing: 10 mm
2616 Series

Dimensions in mm



Dimensions in mm



L = (pole no. – 1) x pin spacing + 12.8 mm

PCB terminal block with lever;
conductor entry parallel to PCB;
6 solder pins/pole; gray;
10 mm (0.394 inch) pin spacing

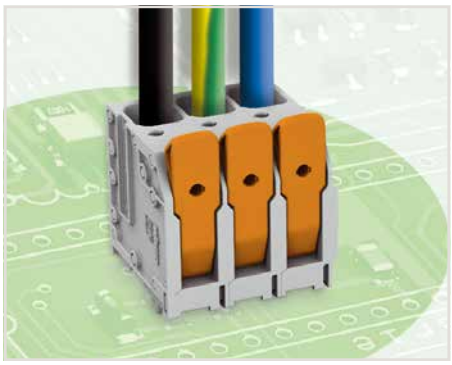
Pole No.	Item No.	Pack. Unit
1	2616-1101	100

PCB terminal block with levers;
conductor entry parallel to PCB;
3 staggered solder pins/pole; gray;
10 mm (0.394 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2616-1102/020-000	50
3	2616-1103/020-000	40
4	2616-1104/020-000	25
5	2616-1105/020-000	25
6	2616-1106/020-000	20
7	2616-1107/020-000	20
8	2616-1108/020-000	15
9	2616-1109/020-000	15
10	2616-1110/020-000	15
11	2616-1111/020-000	10
12	2616-1112/020-000	10

Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

PCB Terminal Blocks with Levers; 16 mm²
Pin Spacing: 10 mm
2616 Series



- PCB terminal blocks with lever-actuated Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry
- 2616 Series available: April 2017

Electrical Data	
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	1000 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated surge voltage (III / 2)	8 kV
Rated voltage (II / 2)	1000 V
Rated surge voltage (II / 2)	8 kV
Rated current	76 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	18 … 20 mm / 0.71 … 0.79 inch
Conductor entry angle to the PCB	90°
Conductor cross-sections	
Solid conductor	0.75 … 16 mm² / 18 … 4 AWG
Fine-stranded conductor	0.75 … 25 mm² / 18 … 4 AWG
Fine-stranded conductor with insulated ferrule	0.75 … 16 mm²
Fine-stranded conductor with uninsulated ferrule	0.75 … 16 mm²
Fine-stranded conductor, with twin ferrule	0.75 … 6 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	1.2 x 1.2 mm
Drilled hole diameter	$1.7^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

UL/CSA approval pending

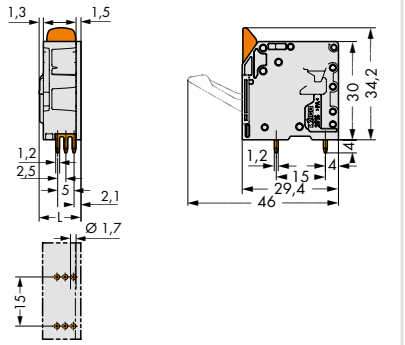
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

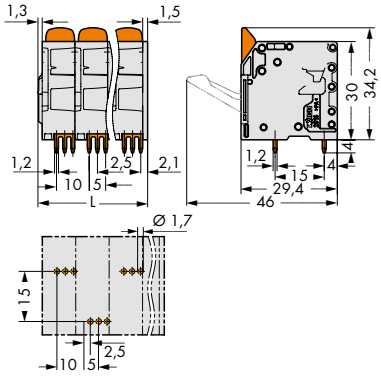
PUSH-IN CAGE CLAMP®

PCB Terminal Blocks with Levers; 16 mm²
Pin Spacing: 10 mm
2616 Series

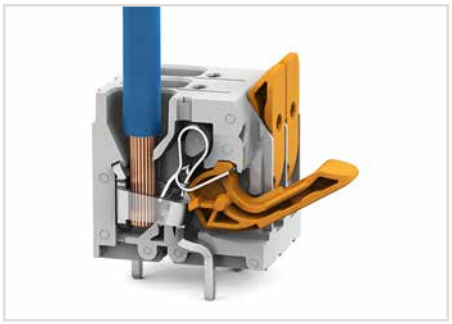
Dimensions in mm



Dimensions in mm



L = (pole no. – 1) x pin spacing + 12.8 mm



Insert solid conductors via push-in termination. Insert fine-stranded conductors – as well as remove all conductors – via operating lever.

PCB terminal block with lever; conductor entry perpendicular to PCB; 6 solder pins/pole; gray; 10 mm (0.394 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2616-3101	100

PCB terminal block with levers; conductor entry perpendicular to PCB; 3 staggered solder pins/pole; gray; 10 mm (0.394 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2616-3102/020-000	50
3	2616-3103/020-000	40
4	2616-3104/020-000	25
5	2616-3105/020-000	25
6	2616-3106/020-000	20
7	2616-3107/020-000	20
8	2616-3108/020-000	15
9	2616-3109/020-000	15
10	2616-3110/020-000	15
11	2616-3111/020-000	10
12	2616-3112/020-000	10

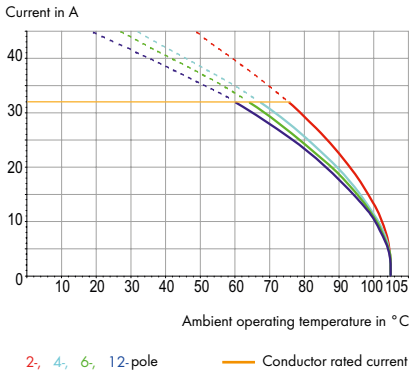
Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

PCB Terminal Blocks; 4 mm²
Pin Spacing: 5 mm; 7.5 mm; 11.5 mm
2624 Series

1

- PCB terminal blocks with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry

Current-Carrying Capacity Curve
Pin spacing: 5 mm / Conductor cross-section: 4 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data for Pin Spacing	5 mm 0.197 inch	7.5 mm 0.295 inch	11.5 mm 0.453 inch
Ratings per*	IEC/EN 60664-1	IEC/EN 60664-1	IEC/EN 60664-1
Nominal voltage (III / 3)	320 V	630 V	1000 V
Rated impulse voltage (III / 3)	4 kV	6 kV	8 kV
Rated voltage (III / 2)	400 V	1000 V	1000 V
Rated surge voltage (III / 2)	4 kV	6 kV	8 kV
Rated voltage (II / 2)	630 V	1000 V	1000 V
Rated surge voltage (II / 2)	4 kV	6 kV	8 kV
Rated current	32 A	32 A	32 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	10 … 12 mm / 0.39 … 0.47 inch
Conductor entry angle to the PCB	0°
Conductor cross-sections	
Solid conductor	0.2 … 6 mm² / 24 … 10 AWG
Fine-stranded conductor	0.2 … 6 mm² / 24 … 10 AWG
Fine-stranded conductor with insulated ferrule	0.25 … 2.5 mm²
Fine-stranded conductor with uninsulated ferrule	0.25 … 2.5 mm²
Fine-stranded conductor, with twin ferrule	0.25 … 1.5 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	0.8 x 1 mm
Drilled hole diameter	$1.3^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

UL/CSA approval pending

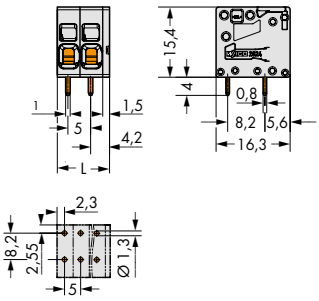
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

PUSH-IN CAGE CLAMP®

PCB Terminal Blocks; 4 mm²
Pin Spacing: 5 mm; 7.5 mm; 11.5 mm
2624 Series

Dimensions in mm

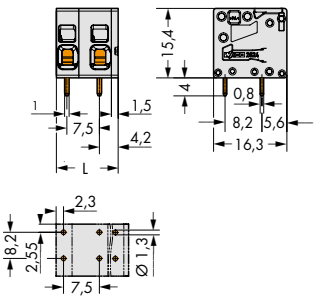


L = (pole no. – 1) x pin spacing + 6.5 mm

PCB terminal block;
conductor entry parallel to PCB;
2 solder pins/pole; gray;
5 mm (0.197 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2624-1101	300
2	2624-1102	200
3	2624-1103	150
4	2624-1104	100
5	2624-1105	100
6	2624-1106	80
7	2624-1107	50
8	2624-1108	50
9	2624-1109	50
10	2624-1110	40
11	2624-1111	35
12	2624-1112	35

Dimensions in mm

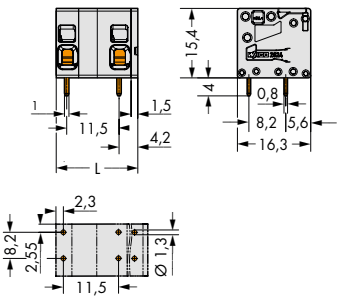


L = (pole no. – 1) x pin spacing + 6.5 mm

PCB terminal block;
conductor entry parallel to PCB;
2 solder pins/pole; gray;
7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2624-1302	200
3	2624-1303	120
4	2624-1304	80
5	2624-1305	70
6	2624-1306	50
7	2624-1307	50
8	2624-1308	40
9	2624-1309	35
10	2624-1310	35
11	2624-1311	25
12	2624-1312	25

Dimensions in mm



L = (pole no. – 1) x pin spacing + 6.5 mm

PCB terminal block;
conductor entry parallel to PCB;
2 solder pins/pole; gray;
11.5 mm (0.453 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2624-1502	100
3	2624-1503	80
4	2624-1504	50
5	2624-1505	40
6	2624-1506	40
7	2624-1507	30
8	2624-1508	25
9	2624-1509	25
10	2624-1510	20
11	2624-1511	20
12	2624-1512	20

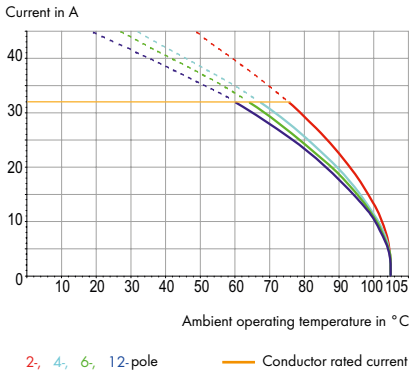
Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

PCB Terminal Blocks; 4 mm²
Pin Spacing: 5 mm; 7.5 mm; 11.5 mm
2624 Series

1

- PCB terminal blocks with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry

Current-Carrying Capacity Curve
Pin spacing: 5 mm / Conductor cross-section: 4 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data for Pin Spacing	5 mm 0.197 inch	7.5 mm 0.295 inch	11.5 mm 0.453 inch
Ratings per*	IEC/EN 60664-1	IEC/EN 60664-1	IEC/EN 60664-1
Nominal voltage (III / 3)	320 V	630 V	1000 V
Rated impulse voltage (III / 3)	4 kV	6 kV	8 kV
Rated voltage (III / 2)	400 V	1000 V	1000 V
Rated surge voltage (III / 2)	4 kV	6 kV	8 kV
Rated voltage (II / 2)	630 V	1000 V	1000 V
Rated surge voltage (II / 2)	4 kV	6 kV	8 kV
Rated current	32 A	32 A	32 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	10 … 12 mm / 0.39 … 0.47 inch
Conductor entry angle to the PCB	90°
Conductor cross-sections	
Solid conductor	0.2 … 6 mm² / 24 … 10 AWG
Fine-stranded conductor	0.2 … 6 mm² / 24 … 10 AWG
Fine-stranded conductor with insulated ferrule	0.25 … 2.5 mm²
Fine-stranded conductor with uninsulated ferrule	0.25 … 2.5 mm²
Fine-stranded conductor, with twin ferrule	0.25 … 1.5 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	0.8 x 1 mm
Drilled hole diameter	$1.3^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

UL/CSA approval pending

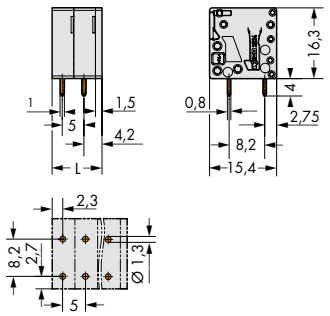
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

PUSH-IN CAGE CLAMP®

PCB Terminal Blocks; 4 mm²
Pin Spacing: 5 mm; 7.5 mm; 11.5 mm
2624 Series

Dimensions in mm

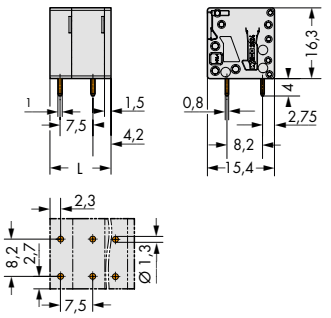


L = (pole no. – 1) x pin spacing + 6.5 mm

PCB terminal block;
conductor entry perpendicular to PCB;
2 solder pins/pole; gray;
5 mm (0.197 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2624-3101	300
2	2624-3102	200
3	2624-3103	150
4	2624-3104	100
5	2624-3105	100
6	2624-3106	80
7	2624-3107	50
8	2624-3108	50
9	2624-3109	50
10	2624-3110	40
11	2624-3111	35
12	2624-3112	35

Dimensions in mm

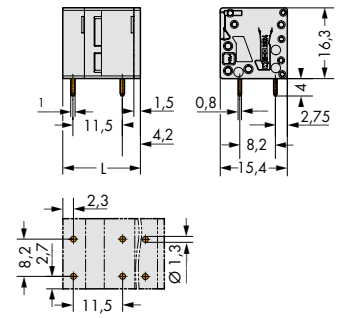


L = (pole no. – 1) x pin spacing + 6.5 mm

PCB terminal block;
conductor entry perpendicular to PCB;
2 solder pins/pole; gray;
7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2624-3302	200
3	2624-3303	120
4	2624-3304	80
5	2624-3305	70
6	2624-3306	50
7	2624-3307	50
8	2624-3308	40
9	2624-3309	35
10	2624-3310	35
11	2624-3311	25
12	2624-3312	25

Dimensions in mm



L = (pole no. – 1) x pin spacing + 6.5 mm

PCB terminal block;
conductor entry perpendicular to PCB;
2 solder pins/pole; gray;
11.5 mm (0.453 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2624-3502	100
3	2624-3503	80
4	2624-3504	50
5	2624-3505	40
6	2624-3506	40
7	2624-3507	30
8	2624-3508	25
9	2624-3509	25
10	2624-3510	20
11	2624-3511	20
12	2624-3512	20

Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

PCB Terminal Blocks; 6 mm²
Pin Spacing: 7.5 mm
2626 Series

- PCB terminal blocks with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry

Electrical Data	
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated surge voltage (III / 2)	8 kV
Rated voltage (II / 2)	1000 V
Rated surge voltage (II / 2)	8 kV
Rated current	41 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	13 … 15 mm / 0.51 … 0.59 inch
Conductor entry angle to the PCB	0°
Conductor cross-sections	
Solid conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor with insulated ferrule	0.5 … 6 mm²
Fine-stranded conductor with uninsulated ferrule	0.5 … 6 mm²
Fine-stranded conductor, with twin ferrule	0.5 … 1.5 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1 mm
Drilled hole diameter	$2^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

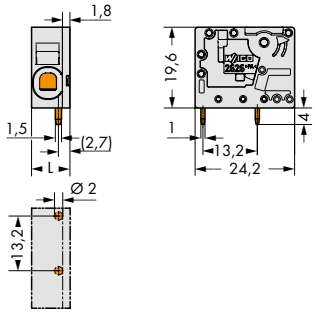
UL/CSA approval pending

Additional technical information, see Volume 2, Section 13

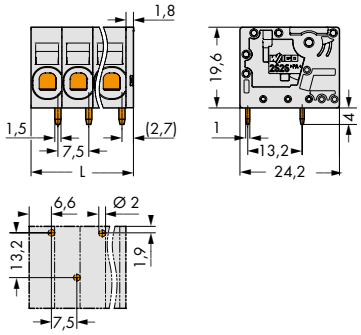
Approvals and corresponding ratings, visit www.wago.com

PCB Terminal Blocks; 6 mm²
Pin Spacing: 7.5 mm
2626 Series

Dimensions in mm



Dimensions in mm



L = (pole no. – 1) x pin spacing + 9.3 mm

PCB terminal block;
conductor entry parallel to PCB;
2 solder pins/pole; gray;
7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2626-1101	200

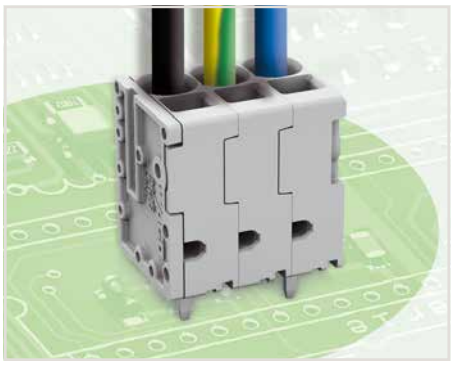
PCB terminal block;
conductor entry parallel to PCB;
1 staggered solder pin/pole; gray;
7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2626-1102/020-000	140
3	2626-1103/020-000	90
4	2626-1104/020-000	70
5	2626-1105/020-000	60
6	2626-1106/020-000	50
7	2626-1107/020-000	40
8	2626-1108/020-000	40
9	2626-1109/020-000	35
10	2626-1110/020-000	30
11	2626-1111/020-000	25
12	2626-1112/020-000	25

Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

PCB Terminal Blocks; 6 mm²
Pin Spacing: 7.5 mm
2626 Series

1



- PCB terminal blocks with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry

Electrical Data	
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated surge voltage (III / 2)	8 kV
Rated voltage (II / 2)	1000 V
Rated surge voltage (II / 2)	8 kV
Rated current	41 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	13 … 15 mm / 0.51 … 0.59 inch
Conductor entry angle to the PCB	90°
Conductor cross-sections	
Solid conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor with insulated ferrule	0.5 … 6 mm²
Fine-stranded conductor with uninsulated ferrule	0.5 … 6 mm²
Fine-stranded conductor, with twin ferrule	0.5 … 1.5 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1 mm
Drilled hole diameter	$2^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

UL/CSA approval pending

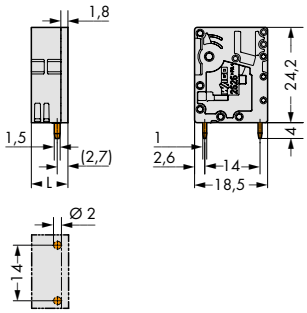
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

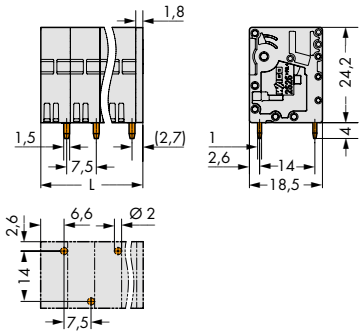
PUSH-IN CAGE CLAMP®

PCB Terminal Blocks; 6 mm²
Pin Spacing: 7.5 mm
2626 Series

Dimensions in mm



Dimensions in mm



L = (pole no. – 1) x pin spacing + 9.3 mm

Insert solid conductors via push-in termination. Insert fine-stranded conductors – as well as remove all conductors – via operating tool.

PCB terminal block;
conductor entry perpendicular to PCB;
2 solder pins/pole; gray;
7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2626-3101	200

PCB terminal block;
conductor entry perpendicular to PCB;
1 staggered solder pin/pole; gray;
7.5 mm (0.295 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2626-3102/020-000	140
3	2626-3103/020-000	90
4	2626-3104/020-000	70
5	2626-3105/020-000	60
6	2626-3106/020-000	50
7	2626-3107/020-000	40
8	2626-3108/020-000	40
9	2626-3109/020-000	35
10	2626-3110/020-000	30
11	2626-3111/020-000	25
12	2626-3112/020-000	25

Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

PCB Terminal Blocks; 16 mm²
Pin Spacing: 10 mm
2636 Series

- PCB terminal blocks with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry

Electrical Data	
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	1000 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated surge voltage (III / 2)	8 kV
Rated voltage (II / 2)	1000 V
Rated surge voltage (II / 2)	8 kV
Rated current	76 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	18 … 20 mm / 0.71 … 0.79 inch
Conductor entry angle to the PCB	0°
Conductor cross-sections	
Solid conductor	0.75 … 16 mm² / 18 … 4 AWG
Fine-stranded conductor	0.75 … 25 mm² / 18 … 4 AWG
Fine-stranded conductor with insulated ferrule	0.75 … 16 mm²
Fine-stranded conductor with uninsulated ferrule	0.75 … 16 mm²
Fine-stranded conductor, with twin ferrule	0.75 … 6 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	1 x 1.2 mm
Drilled hole diameter	$1.7^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

UL/CSA approval pending

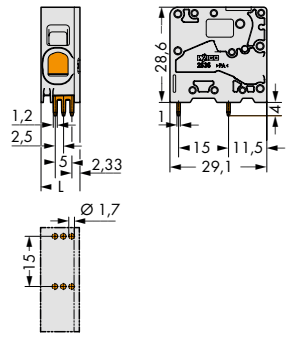
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

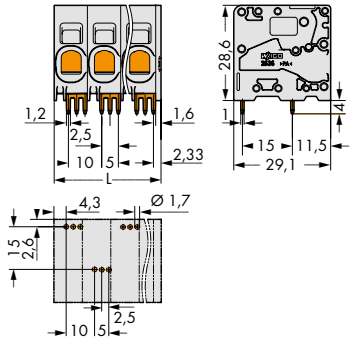
PUSH-IN CAGE CLAMP®

PCB Terminal Blocks; 16 mm²
Pin Spacing: 10 mm
2636 Series

Dimensions in mm



Dimensions in mm



L = (pole no. – 1) x pin spacing + 11.6 mm

PCB terminal block;
conductor entry parallel to PCB;
6 solder pins/pole; gray;
10 mm (0.394 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2636-1101	100

PCB terminal block;
conductor entry parallel to PCB;
3 solder pins/pole; gray;
10 mm (0.394 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2636-1102/020-000	50
3	2636-1103/020-000	50
4	2636-1104/020-000	25
5	2636-1105/020-000	25
6	2636-1106/020-000	25
7	2636-1107/020-000	20
8	2636-1108/020-000	20
9	2636-1109/020-000	20
10	2636-1110/020-000	15
11	2636-1111/020-000	15
12	2636-1112/020-000	15

Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

PCB Terminal Blocks; 16 mm²
Pin Spacing: 10 mm
2636 Series

1

- PCB terminal blocks with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry

Electrical Data	
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	1000 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated surge voltage (III / 2)	8 kV
Rated voltage (II / 2)	1000 V
Rated surge voltage (II / 2)	8 kV
Rated current	76 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	18 … 20 mm / 0.71 … 0.79 inch
Conductor entry angle to the PCB	90°
Conductor cross-sections	
Solid conductor	0.75 … 16 mm² / 18 … 4 AWG
Fine-stranded conductor	0.75 … 25 mm² / 18 … 4 AWG
Fine-stranded conductor with insulated ferrule	0.75 … 16 mm²
Fine-stranded conductor with uninsulated ferrule	0.75 … 16 mm²
Fine-stranded conductor, with twin ferrule	0.75 … 6 mm²

Solder Pin Data	
Solder pin length	4 mm
Solder pin dimensions	1 x 1.2 mm
Drilled hole diameter	$1.7^{+0.1}$ mm

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

*(III / 2) ≙ Overvoltage category III / Pollution degree 2

UL/CSA approval pending

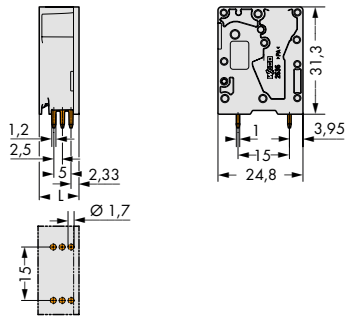
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

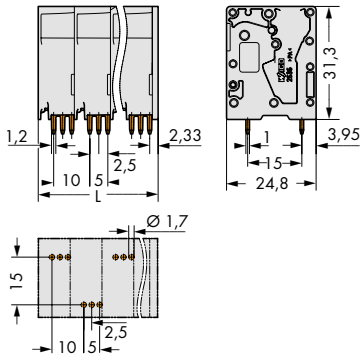
PUSH-IN CAGE CLAMP®

PCB Terminal Blocks; 16 mm²
Pin Spacing: 10 mm
2636 Series

Dimensions in mm



Dimensions in mm



L = (pole no. – 1) x pin spacing + 11.6 mm

Insert solid conductors via push-in termination.
Insert fine-stranded conductors – as well as remove all conductors – via operating tool.

PCB terminal block;
conductor entry perpendicular to PCB;
6 solder pins/pole; gray;
10 mm (0.394 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2636-3101	100

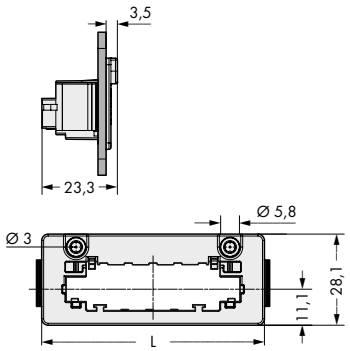
PCB terminal block;
conductor entry perpendicular to PCB;
3 staggered solder pins/pole; gray;
10 mm (0.394 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	2636-3102/020-000	50
3	2636-3103/020-000	50
4	2636-3104/020-000	25
5	2636-3105/020-000	25
6	2636-3106/020-000	25
7	2636-3107/020-000	20
8	2636-3108/020-000	20
9	2636-3109/020-000	20
10	2636-3110/020-000	15
11	2636-3111/020-000	15
12	2636-3112/020-000	15

Available upon request (depending on quantity required):
- Other pole numbers
- Direct marking

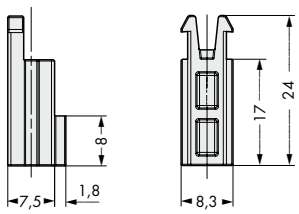
Snap-In Frames and Lockout Pins
MCS MAXI

Dimensions in mm

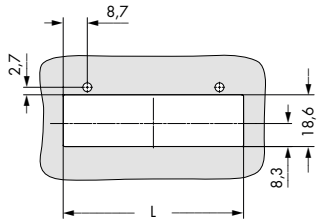


L = (pole no. x 7.62 mm) + 30.6 mm

Dimensions in mm



Dimensions in mm



L = (pole no. x 7.62 mm) + 26.8 mm

Panel cutout for snap-in frame

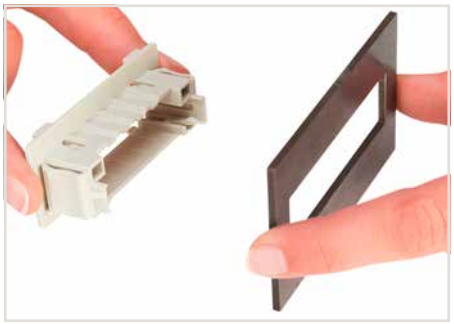
Snap-in frame; for *MCS* MAXI male connectors; light gray

Pole No.	Width	Item No.	Pack. Unit
2	45.84 mm	831-302	
3	53.46 mm	831-303	
4	61.08 mm	831-304	
5	68.7 mm	831-305	

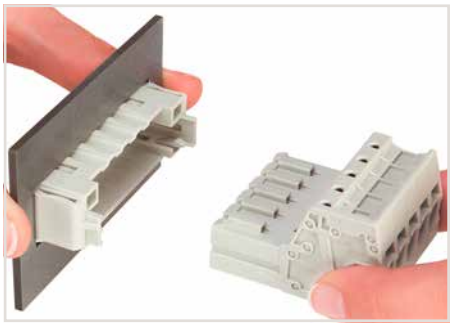
Lockout pins for snap-in frames; light gray

	Item No.	Pack. Unit
	831-321	

- Snap-in frames for panel feedthrough *MCS* MAXI connectors
- Fast and easy installation – without tools
- Compatible with *MCS* MAXI male and female connectors
- For panel thickness ranging from 0.5 to 2.5 mm
- Optional screw mounting



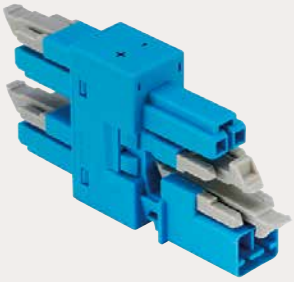
Insert the snap-in frame into the cutout.

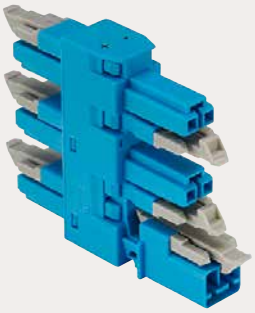


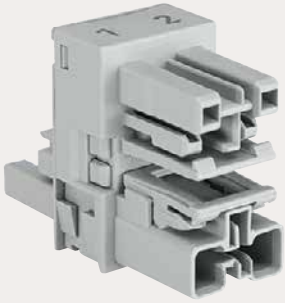
Insert the male connector into the snap-in frame.

Inserting a female connector equipped with lateral locking levers.

Inserting a female connector without lateral locking levers – lockout pins are inserted on both sides of the snap-in frame.







Volume 5, *WINSTA*® – The Pluggable Connection System

Volume 5, *WINSTA*® – The Pluggable Connection System
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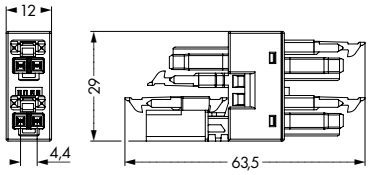
WINSTA® MINI
Distribution Connector; 2-Pole
890 Series

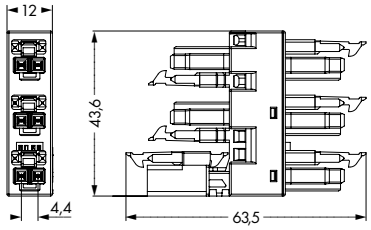
1

Rated voltage	250 V
Rated current	16 A

Dimensions in mm



Dimensions in mm



Distribution connector; 3-way; 1 x plug/3 x socket		
Color	Item Nr.	Pack.-Unit
blau	**890-1904**	50

Distribution connector; 5-way; 1 x plug/5 x socket		
Color	Item Nr.	Pack.-Unit
blau	**890-1907**	50

Additional pole marking available upon request.

770 Series Accessories, see Full Line Catalog, Volume 5

Approvals, visit www.wago.com

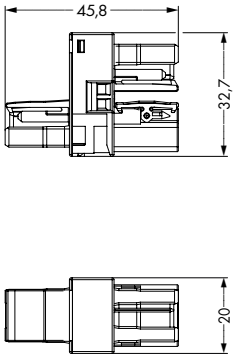
Coding Overview, see Full Line Catalog, Volume 5

Coding	Marking	Color
I	+ -	blue

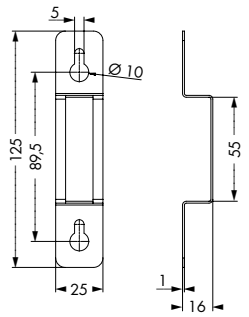
WINSTA® MIDI special
h-Distribution Connector; 2-Pole and Mounting-Adapter
770 Series

Rated voltage	250 V
Rated current	25 A

Dimensions in mm



Dimensions in mm



h-distribution connector; bi-directional; plug/socket – socket

Color	Item Nr.	Pack.-Unit
gray	**770-1608**	50
light green	**770-1609**	50
pink	**770-1610**	50

Mounting adapter; for T-distribution connector; 5-pole

	Item Nr.	Pack.-Unit
	770-354	50

h-distribution connector; bi-directional; plug/socket – socket; for "flying leads"; with 3rd locking lever

Color	Item Nr.	Pack.-Unit
grau	**770-1658**	50
hellgrün	**770-1659**	50
pink	**770-1660**	50

Coding	Marking	Color
B	1 2	gray
B	1 2	light green
B	1 2	pink

Micro-WSB Inline Markers

1

Micro-WSB Inline markers; plain; 2,000 markers (4 mm); per reel; not stretchable			
for:	Color	Item No.	Pack. Unit
Modular Empty Housing, 2857 Series	○ white	2009-141	1

Micro-WSB Inline markers are compatible with 2857 Series Modular Empty Housings.

Circuit ID Labels

Circuit ID labels; self-adhesive; plain; 750 labels per roll; single-row		
Color	Item No.	Pack. Unit
◯ white	210-813	1

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