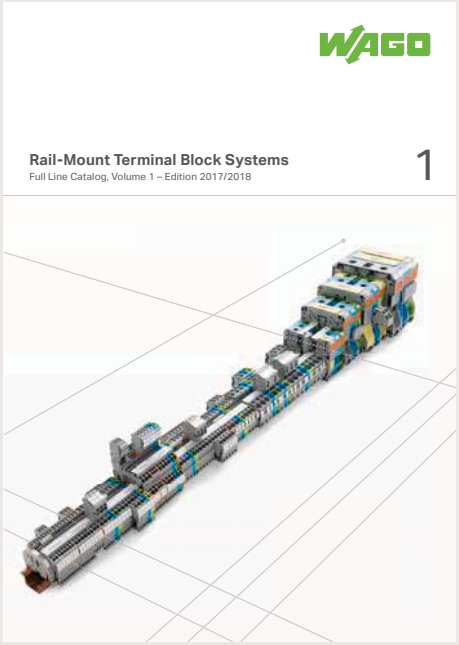
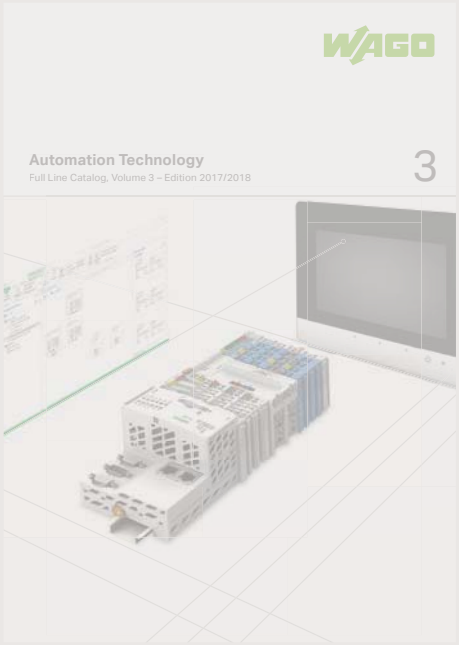
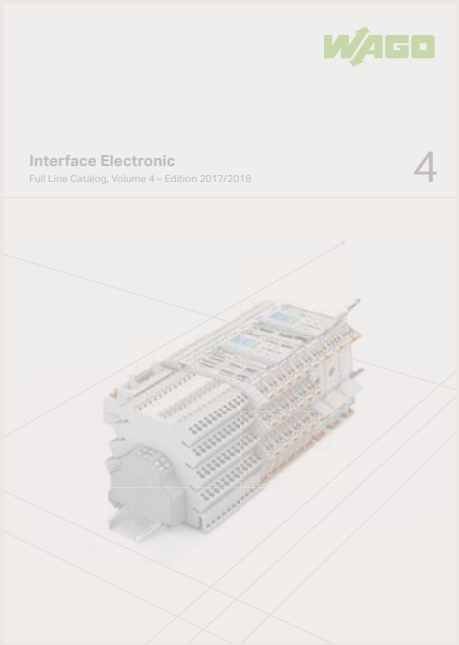
Electrical Interconnection

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

Edition 2018/1







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

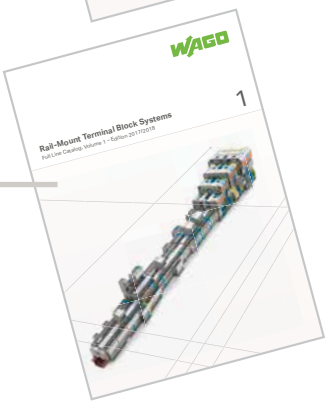
N 1/2/5/6

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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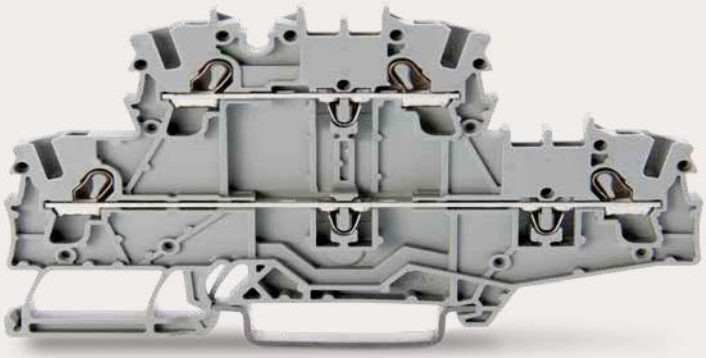


Volume 1, Rail-Mount Terminal Block Systems

Volume 1, Rail-Mount Terminal Block Systems
Contents

TOPJOB® S
Jumper and Push-in Type Wire Jumper
2002 Series and 2009 Series

1

Jumper	Push-in type wire jumper I_N 18 A Conductor cross-section: 1.5 mm²

	Item No.	Pack. Unit
Jumper; insulated; I_N 30 A; orange		
1-3-4-5	**282-435/300-000**	50 (5x10)

	Item No.	Pack. Unit
Push-in type wire jumper; insulated; conductor cross-section: 1.5 mm²; L = 110 mm; for 2001; 2002; 2003 and 2022 Series Rail-Mount Terminal Blocks		
red	**2009-414/000-005**	100 (10x10)
blue	**2009-414/000-006**	100 (10x10)

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

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; 4-pole; transparent housing; with fiber optics; 10.3 mm wide	**2042-321**	5
Component plug; 6-pole; transparent housing; with fiber optics; 15.5 mm wide	**2042-331**	5
Component plug; 8-pole; transparent housing; with fiber optics; 20.7 mm wide	**2042-341**	5
Component plug; 10-pole; transparent housing; with fiber optics; 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**	25
3-way	**2002-403**	25
4-way	**2002-404**	25
5-way	**2002-405**	25
6-way	**2002-406**	25
7-way	**2002-407**	25
8-way	**2002-408**	25
9-way	**2002-409**	25
10-way	**2002-410**	25

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

1 to 3	**2002-433**	25
1 to 4	**2002-434**	25
1 to 5	**2002-435**	25
1 to 6	**2002-436**	25
1 to 7	**2002-437**	25
1 to 8	**2002-438**	25
1 to 9	**2002-439**	25
1 to 10	**2002-440**	25

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

2-way	**2002-472**	100
3-way	**2002-473**	100
4-way	**2002-474**	100
5-way	**2002-475**	25
6-way	**2002-476**	25
7-way	**2002-477**	25
8-way	**2002-478**	25
9-way	**2002-479**	25
10-way	**2002-480**	25
11-way	**2002-481**	25
12-way	**2002-482**	25

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

plain	**793-5501**	5

WMB Multi marking system; plain; 10 strips with 10 markers/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**	

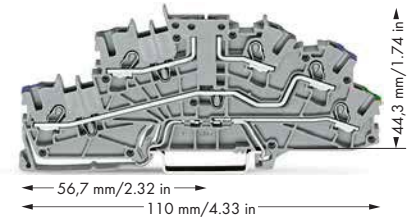
5

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

0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG
250 V/4 kV/3; 10 A ❷❸
400 V/6 kV/3; 10 A ❷❹

Terminal block width: 5.2 mm / 0.205 inch
10 … 12 mm / 0.39 … 0.47 inch

3



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

❸ 250 V/4 kV potential – ground

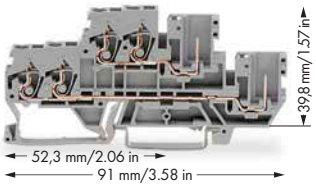
❹ 400 V/6 kV potential – potential

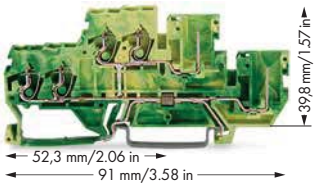
	Item No.	Pack. Unit
Multilevel installation terminal block; carrier terminal block without knife disconnect; blue middle-deck, green-yellow lower-deck printing; gray Maximum current depends on accessories used.		
L/N/PE	**2003-6661**	50
Item-Specific Accessories		
N/L-test plug adapter; for vertical test slot; gray		
2-pole	**2003-499**	100 (4x25)
N-test plug adapter; for vertical test slot; gray		
1-pole	**2003-500**	100 (4x25)
End and intermediate plate; for use without fuse plug; 0.8 mm thick		
orange	**2003-6692**	100 (4x25)
Fuse plug with pull-tab; for (5 x 20) mm miniature metric fuses Electrical ratings are given by the fuse.		
gray	**2004-911**	50
End and intermediate plate; only for use with fuse plugs; 1 mm thick		
orange	**2003-6693**	100 (4x25)
Double-fuse plug; for (5 x 20) mm miniature metric fuses Electrical ratings are given by the fuse.		
gray	**2003-911**	25
Double-fuse plug; for (5 x 20) mm miniature metric fuse; with LED; gray Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 0.25 mA		
gray	**2003-911/1000-923**	25
End and intermediate plate; 1 mm thick; only for use with double-fuse plugs		
orange	**2003-6694**	100 (4x25)

CAGE CLAMP®

X-COM®-SYSTEM
2-Conducto/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** **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.

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	Item No.	Pack. Unit
2-conductor/1-pin double-deck carrier terminal block; through/through terminal block; gray housing		
◯ L/L	**870-1131**	50
4-conductor/2-pin double-deck carrier terminal block; 4-conductor/2-pin through terminal block; internally commoned; violet conductor entry; gray housing		
◯ L	**870-1138**	50

	Item No.	Pack. Unit
4-conductor/2-pin double-deck carrier block; 4-conductor/2-pin ground conductor block; internally commoned; green-yellow housing		
◔ PE	**870-1137**	50

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)
Insulation stop; 5 pcs/strip; 0.25 ... 0.5 mm² ❸			
	light gray	**280-471**	200 (8x25)
Insulation stop; 5 pcs/strip; 0.75 ... 1 mm² ❸			
	dark gray	**280-472**	200 (8x25)
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

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)

Accessories

Appropriate marking systems: Mini-WSB/WMB

Push-in type jumper bar; insulated; I_N 18 A; light gray			
	1-3-5	**870-405/011-000**	
	1-3-5-7	**870-407/011-000**	200 (8x25)
	1-3-5-7-9	**870-409/011-000**	100 (4x25)
Delta jumper; insulated; I_N 18 A; light gray			
	1-2 3-4 5-6	**870-406/020-000**	100 (4x25)

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

726 Series

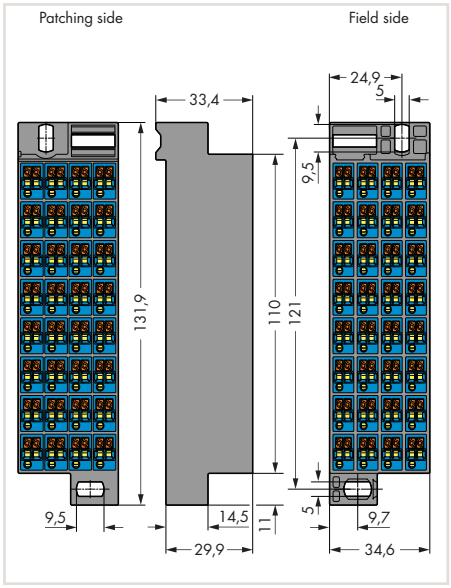
Side 1: 32 x 0.08 … 1.5 mm² | 28 … 16 AWG Side 2: 32 x 0.08 … 1.5 mm² | 28 … 16 AWG 800 V/8 kV/3 ❶ I_N 10 A 10 mm / 0.39 inch	Side 1: 32 x 0.08 … 1.5 mm² | 28 … 16 AWG Side 2: 32 x 0.08 … 1.5 mm² | 28 … 16 AWG 800 V/8 kV/3 ❶ I_N 10 A 10 mm / 0.39 inch

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

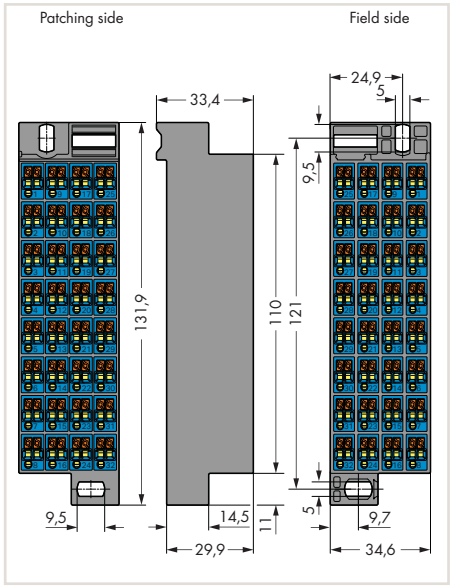
❷ See application notes in our Full Line Catalog, Volume 1.
Decade marker carrier

	Item No.	Pack. Unit
Matrix patchboard; dark gray frame; blue modules; for 19" racks		
without marking	**726-800**	30
Matrix patchboard; dark gray frame; white/gray modules; vertical module marking on sides 1 and 2; for 19" racks		
without marking	**726-780**	30

	Item No.	Pack. Unit
Matrix patchboard; dark gray frame; blue modules; for 19" racks		
Marking 1 … 32	**726-801**	30



Dimensions (in mm):



Dimensions (in mm):

Matrix Patchboard Accessories

Wire commoning chain; insulated; 32 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; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm			
	plain	**793-5501**	5
WMB Multi marking system; plain; 10 strips with 10 markers/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 lon; uninsulated tip; not offered by WAGO (e.g., MultiContact XPP-80/2-16)			

11

Splicing Connector Set

887 Series

Splicing Connector Set	Splicing Connector Set	Splicing Connector Set

Item No.	Pack. Unit
Splicing connector set; L-BOXX 102; 221, 2273 Series	
887-917	1
Contains:	
COMPACT PUSH WIRE® Connectors for Junction Boxes	
white 2 x 0.5 … 2.5 mm² 2273-202	100
orange 3 x 0.5 … 2.5 mm² 2273-203	100
red 4 x 0.5 … 2.5 mm² 2273-204	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	100
transparent 5 x 0.14 … 4 mm² 221-415	15
Mounting carrier	
orange 2273-500	2
Mounting carrier	
orange 221-500	2

Item No.	Pack. Unit
Splicing connector set; L-BOXX 102; 221 Series	
887-918	1
Contains:	
COMPACT Splicing Connectors	
2 x 0.14 … 4 mm² 221-412	100
3 x 0.14 … 4 mm² 221-413	250
5 x 0.14 … 4 mm² 221-415	250
Mounting carrier	
orange 221-500	10

Item No.	Pack. Unit
Splicing connector set; L-BOXX Mini; 221 Series	
887-952	1
Contains:	
COMPACT Splicing Connectors	
2 x 0.14 … 4 mm² 221-412	100
3 x 0.14 … 4 mm² 221-413	100
5 x 0.14 … 4 mm² 221-415	25
Mounting carrier	
orange 221-500	4

Splicing Connector Set
887 Series

Splicing Connector Set	Splicing Connector Set	Splicing Connector Set
		

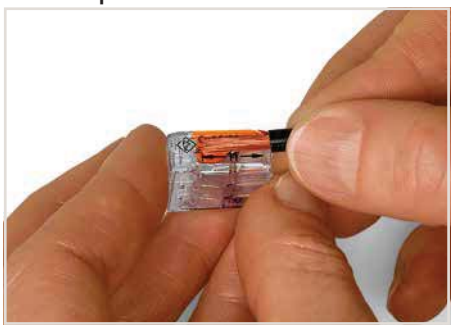
Item No.	Pack. Unit
Splicing connector set; L-BOXX Mini; 2273 Series	
887-953	1
Contains:	
COMPACT PUSH WIRE® Connectors for Junction Boxes	
white 2 x 0.5 … 2.5 mm² 2273-202	100
orange 3 x 0.5 … 2.5 mm² 2273-203	100
red 4 x 0.5 … 2.5 mm² 2273-204	100
yellow 5 x 0.5 … 2.5 mm² 2273-205	75
light gray 8 x 0.5 … 2.5 mm² 2273-208	25
Mounting carrier	
orange 2273-500	4

Item No.	Pack. Unit
Splicing connector set; L-BOXX Mini; 221, 2273, 773, 224, 243 Series	
887-950	1
Contains:	
COMPACT PUSH WIRE® Connectors for Junction Boxes	
orange 3 x 0.5 … 2.5 mm² 2273-203	20
yellow 5 x 0.5 … 2.5 mm² 2273-205	20
light gray 8 x 0.5 … 2.5 mm² 2273-208	15
COMPACT Splicing Connectors	
transparent 2 x 0.14 … 4 mm² 221-412	16
transparent 3 x 0.14 … 4 mm² 221-413	12
transparent 5 x 0.14 … 4 mm² 221-415	8
Lighting Connectors	
white 2 x 1 … 2.5 mm² "s" 224-112	10
PUSH WIRE® Connectors for Junction Boxes	
red 2.5 … 6 mm² "s+str" 773-173	5
MICRO PUSH WIRE® Connectors for Junction Boxes	
dark gray 4 x 0.6 … 0.8 mm Ø 243-204	30
dark gray 8 x 0.6 … 0.8 mm Ø 243-208	30

Item No.	Pack. Unit
Splicing connector set; L-BOXX Mini; 221, 2273 Series	
887-955	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	75
light gray 8 x 0.5 … 2.5 mm² 2273-208	25
COMPACT Splicing Connectors	
transparent 2 x 0.14 … 4 mm² 221-412	75
transparent 3 x 0.14 … 4 mm² 221-413	50
transparent 5 x 0.14 … 4 mm² 221-415	25
Mounting carrier	
orange 2273-500	1
Mounting carrier	
orange 221-500	1

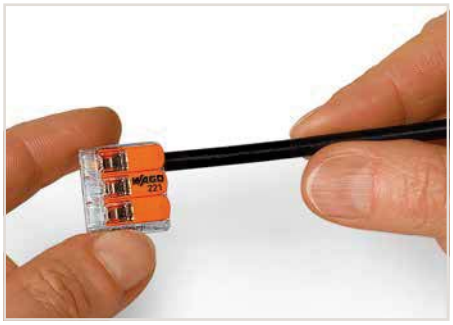
CAGE CLAMP®

COMPACT Splicing Connectors for All Conductor Types
221 Series
Description and Installation

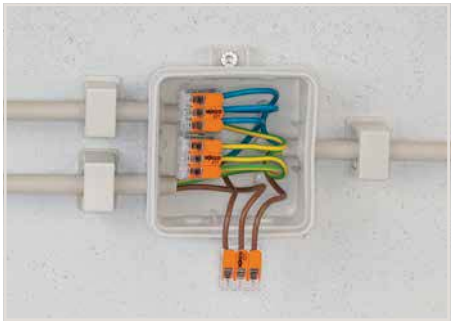


Strip conductor to 11 mm (0.43 inch).

Termination: Lift the lever to open the clamping unit and insert a stripped conductor.



Then, lower the lever to close the clamp.



Wiring fine-stranded conductors in a junction box.

Custom low-voltage lighting systems

Wiring fine-stranded conductors in a junction box.

Lighting distribution in ceiling canopy

Pendant light connection in suspended ceilings

CAGE CLAMP® terminates the following copper conductors:

solid	stranded	fine-stranded, also with tinned single strands	fine-stranded, tip-bonded

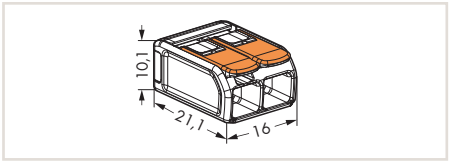
COMPACT Splicing Connectors for All Conductor Types

6 mm²; 221 Series

0.5 … 6 mm² | 20 … 10 AWG 450 V/4 kV/2 ❶ I_N 41 A 12 … 14 mm / 0.47 … 0.55 inch	0.5 … 6 mm² | 20 … 10 AWG 450 V/4 kV/2 ❶ I_N 41 A 12 … 14 mm / 0.47 … 0.55 inch

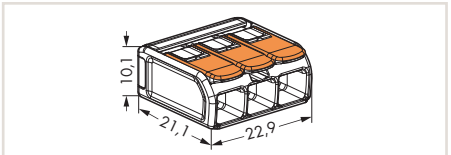
❶ In grounded power lines
450 V = Rated voltage
4 kV = Rated surge voltage
2 = Pollution degree
(see Full Line Catalog, Volume 1, Section 14)

Item No.	Pack. Unit
COMPACT PUSH WIRE® connector for junction boxes; 2-wire connector; with levers; continuous operating temperature (max.): 105 °C; ambient temperature (max.): 85 °C (T85)	
221-612	500 (10x50)



Dimensions in mm

Item No.	Pack. Unit
COMPACT PUSH WIRE® connector for junction boxes; 3-wire connector; with levers; continuous operating temperature (max.): 105 °C; ambient temperature (max.): 85 °C (T85)	
221-613	300 (10x30)



Dimensions in mm

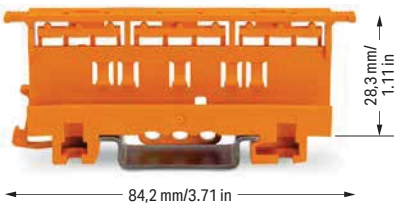
Compact, lever-operated splicing connectors:
They connect up to five stripped conductors from 0.5 to 6 mm² (20–10 AWG) – without tools!

How these work:
Pull up one of the orange operating levers to open the clamping unit. Then insert the conductor and push the lever back down, flush with the connector housing.

Safety:
The specially designed rest position of the lever reliably prevents accidental unclamping of a connected conductor. Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

ENEC is the European mark for electrical products that demonstrates compliance with European safety standards. The ENEC mark is subjected to the same EN standards as the VDE mark.

While the VDE mark is only permitted in Germany, the ENEC mark is accepted in more than 20 European countries.

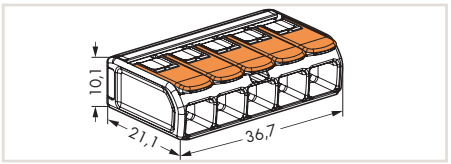


Item No.	Pack. Unit
Mounting carrier; for 2-, 3- and 5-conductor splicing connectors; 19.3 mm wide; 28.3 mm high; 94.2 mm deep	
orange **221-510**	50 (5x10)

Item No.	Pack. Unit
COMPACT PUSH WIRE® connector for junction boxes; 5-wire connector; with levers; continuous operating temperature (max.): 105 °C; ambient temperature (max.): 85 °C (T85)	
221-615	150 (10x15)

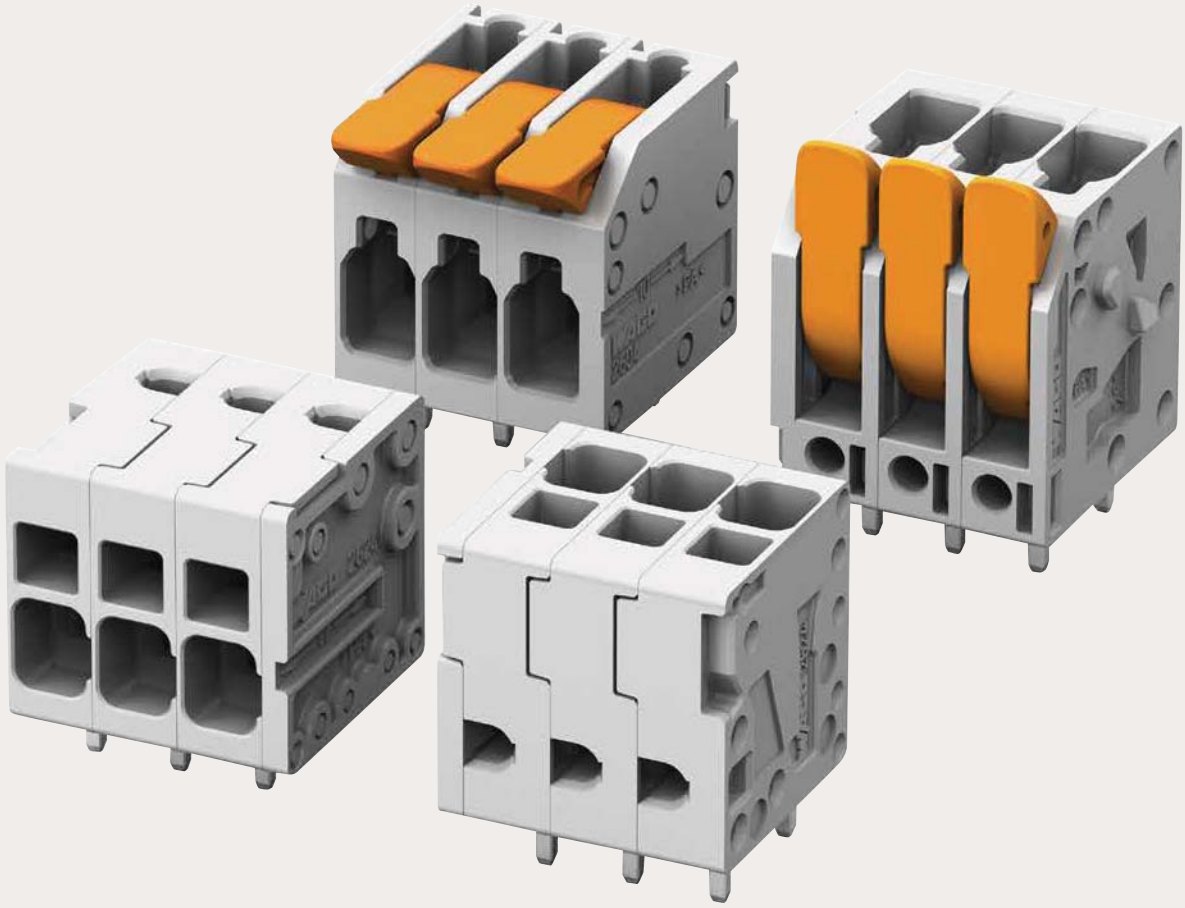
Accessories; item-specific

Self-adhesive marking strips; 5 mm high; 48 self-adhesive strips per card; plain		
white	**210-334**	100



Dimensions in mm

12

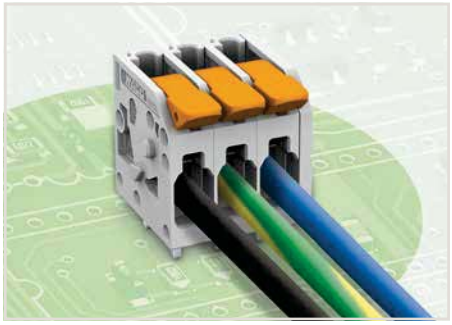


Volume 2, PCB Terminal Blocks and Connectors

Volume 2, PCB Terminal Blocks and Connectors
Contents

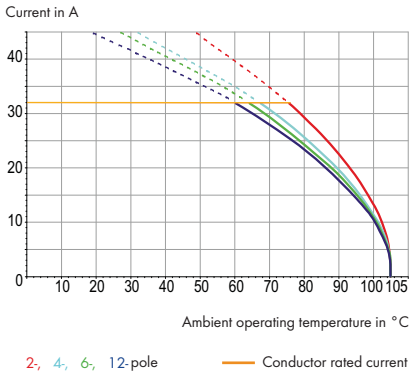
PCB Terminal Block with Levers; 4 mm²
Pin Spacing: 5 mm; 7.5 mm; 11.5 mm
2604 Series

1



- PCB terminal block 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	630 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
Approvals per	UL 1059	UL 1059	UL 1059
Rated voltage UL (Use Group B)	300 V	300 V	600 V
Rated current UL (Use Group B)	20 A	20 A	20 A
Rated voltage UL (Use Group C)		300 V	600 V
Rated current UL (Use Group C)		20 A	20 A
Rated voltage UL (Use Group D)	300 V	600 V	
Rated current UL (Use Group D)	10 A	5 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

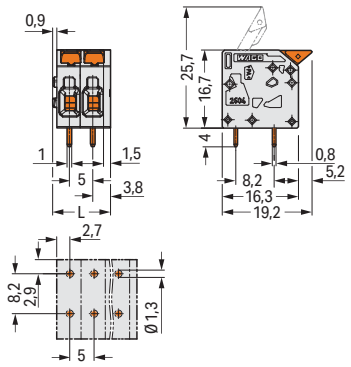
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

PUSH-IN CAGE CLAMP®

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

Dimensions (in mm):

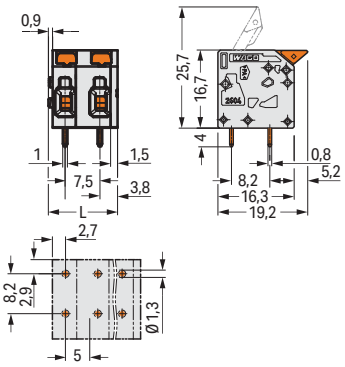


L = (pole no. – 1) x pin spacing + 7.4 mm

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):

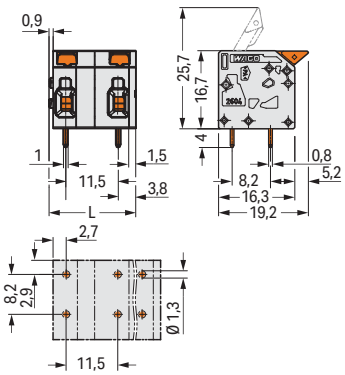


L = (pole no. – 1) x pin spacing + 7.4 mm

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

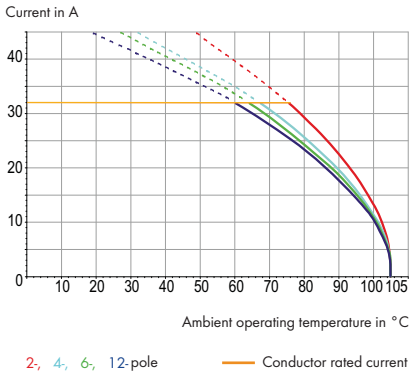
Available upon request (depending on quantity required):
- Other pole numbers
- Other colors
- Direct marking

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

1

- PCB terminal block 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	630 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
Approvals per	UL 1059	UL 1059	UL 1059
Rated voltage UL (Use Group B)	300 V	300 V	600 V
Rated current UL (Use Group B)	20 A	20 A	20 A
Rated voltage UL (Use Group C)		300 V	600 V
Rated current UL (Use Group C)		20 A	20 A
Rated voltage UL (Use Group D)	300 V	600 V	
Rated current UL (Use Group D)	10 A	5 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

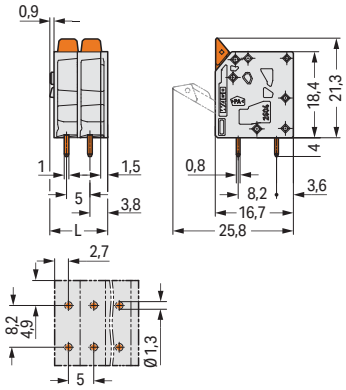
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

PUSH-IN CAGE CLAMP®

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

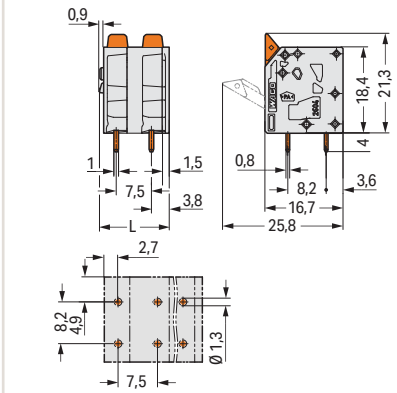
Dimensions (in mm):



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

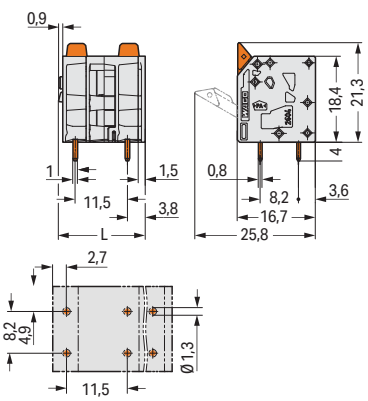
Dimensions (in mm):



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

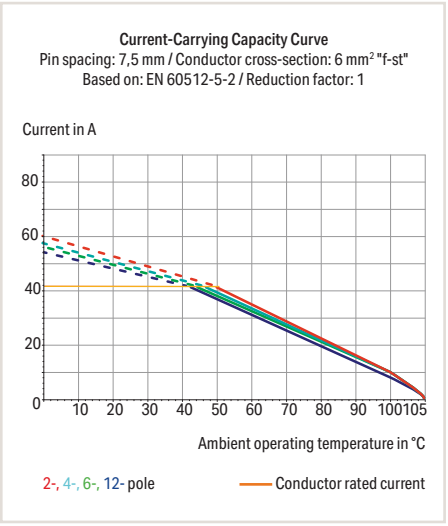
PCB terminal block with levers; conductor entry perpendicular to PCB; 2 solder pins/pole; gray; 11.5 mm (0.453 inch) pin spacing		
Pole No.	**Item No.**	Pack. Unit
2	**2604-3502**	120
3	**2604-3503**	70
4	**2604-3504**	50
5	**2604-3505**	40
6	**2604-3506**	30
7	**2604-3507**	25
8	**2604-3508**	25
9	**2604-3509**	25
10	**2604-3510**	20
11	**2604-3511**	20
12	**2604-3512**	15

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

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

1

- PCB terminal block 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

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	31 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	31 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	0.25 … 6 mm²
Fine-stranded conductor, with twin ferrule	0.25 … 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

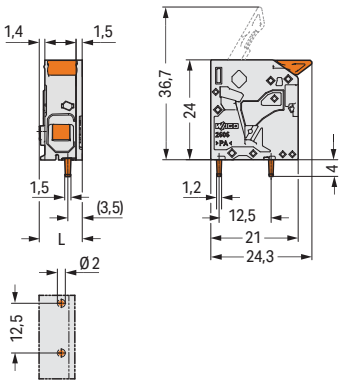
UL/CSA approval pending

Additional technical information, see Volume 2, Section 13

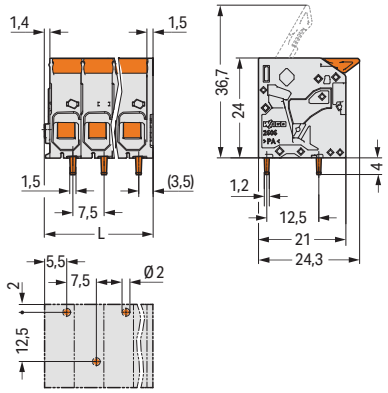
Approvals and corresponding ratings, visit www.wago.com

PCB Terminal Block 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

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

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

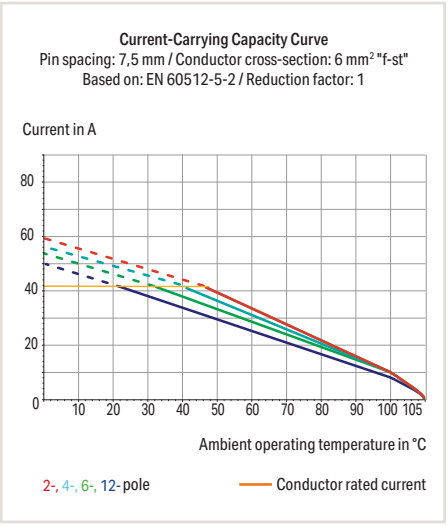
Pole No.	Item No.	Pack. Unit
2	2606-1102/020-000	120
3	2606-1103/020-000	80
4	2606-1104/020-000	60
5	2606-1105/020-000	50
6	2606-1106/020-000	40
7	2606-1107/020-000	35
8	2606-1108/020-000	30
9	2606-1109/020-000	25
10	2606-1110/020-000	25
11	2606-1111/020-000	25
12	2606-1112/020-000	25

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

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

1

- PCB terminal block 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

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	31 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	31 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	0.25 … 6 mm²
Fine-stranded conductor, with twin ferrule	0.25 … 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

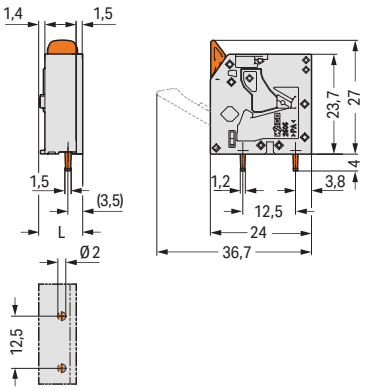
UL/CSA approval pending

Additional technical information, see Volume 2, Section 13

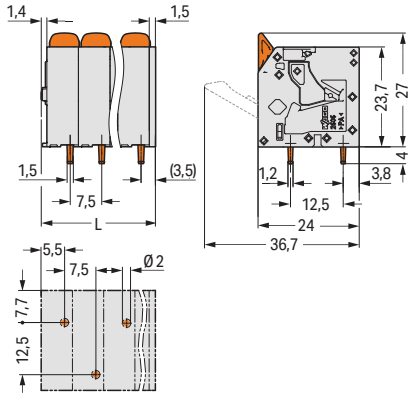
Approvals and corresponding ratings, visit www.wago.com

PCB Terminal Block 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

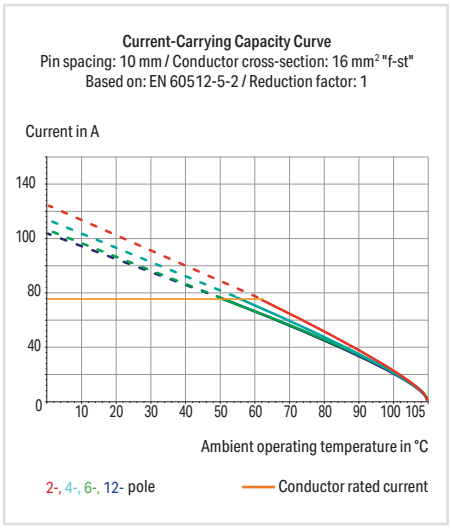
Pole No.	Item No.	Pack. Unit
2	2606-3102/020-000	120
3	2606-3103/020-000	80
4	2606-3104/020-000	60
5	2606-3105/020-000	50
6	2606-3106/020-000	40
7	2606-3107/020-000	35
8	2606-3108/000-000	30
9	2606-3109/020-000	25
10	2606-3110/020-000	25
11	2606-3111/020-000	25
12	2606-3112/020-000	25

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

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

1

- PCB terminal block 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)	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
Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	66 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	66 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

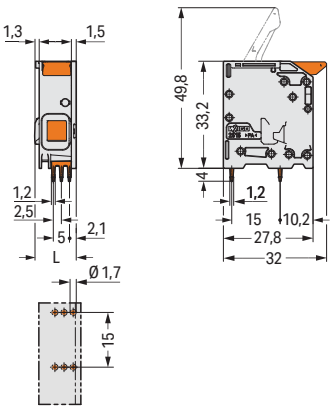
UL/CSA approval pending

Additional technical information, see Volume 2, Section 13

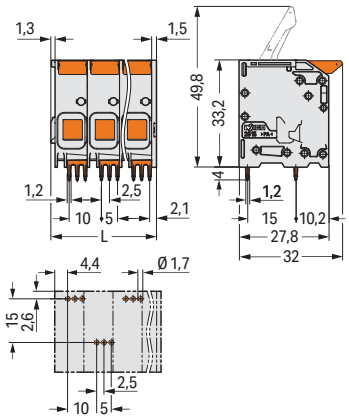
Approvals and corresponding ratings, visit www.wago.com

PCB Terminal Block 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

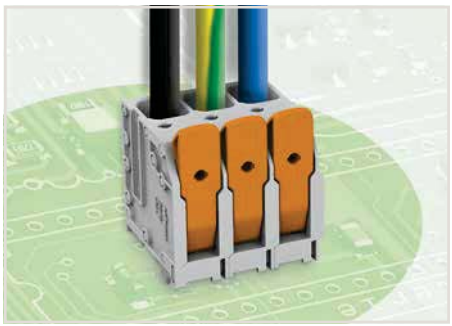
PCB terminal block with levers;
conductor entry parallel to PCB;
3 staggered solder pins/pole; gray;
10 mm (0.394 inch) pin spacing

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

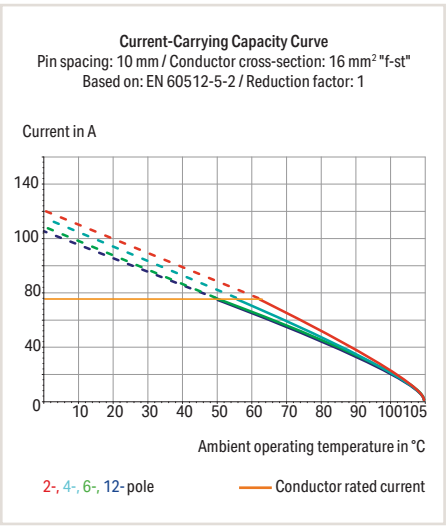
Available upon request (depending on quantity required):
- Other pole numbers
- Other colors
- Other pin spacing
- Direct marking

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

1



- PCB terminal block 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)	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

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	66 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	66 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

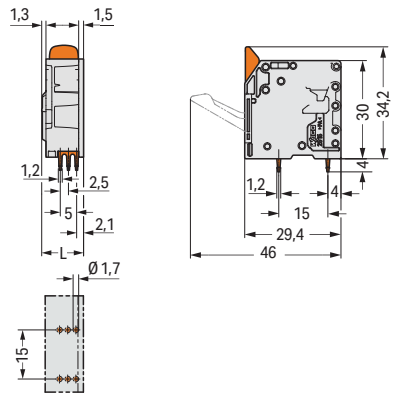
UL/CSA approval pending

Additional technical information, see Volume 2, Section 13

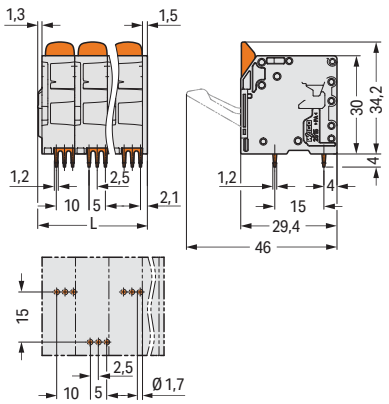
Approvals and corresponding ratings, visit www.wago.com

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

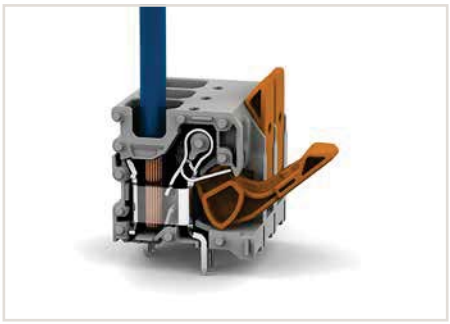
Dimensions (in mm):



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

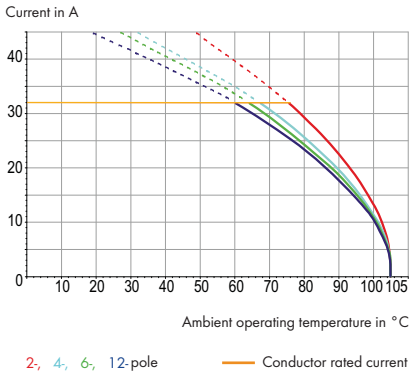
Available upon request (depending on quantity required):
- Other pole numbers
- Other colors
- Other pin spacing
- Direct marking

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

1

- PCB terminal block 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	630 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
Approvals per	UL 1059	UL 1059	UL 1059
Rated voltage UL (Use Group B)	300 V	300 V	600 V
Rated current UL (Use Group B)	26 A	26 A	26 A
Rated voltage UL (Use Group C)		150 V	600 V
Rated current UL (Use Group C)		26 A	26 A
Rated voltage UL (Use Group D)	300 V	300 V	
Rated current UL (Use Group D)	10 A	10 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

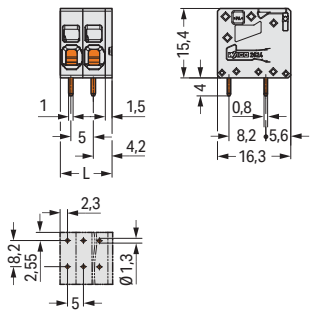
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

PUSH-IN CAGE CLAMP®

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

Dimensions (in mm):

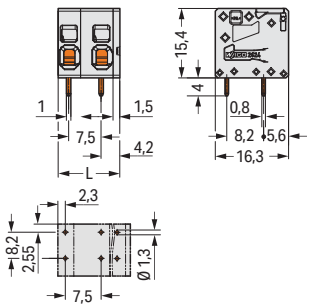


L = (pole no. – 1) x pin spacing + 6.5 mm

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):

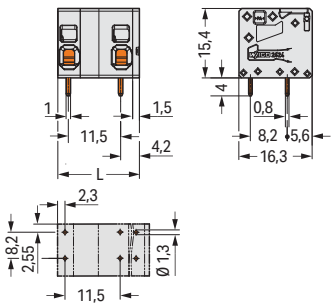


L = (pole no. – 1) x pin spacing + 6.5 mm

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

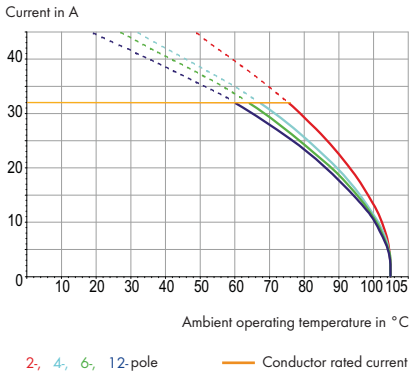
Available upon request (depending on quantity required):
- Other pole numbers
- Other colors
- Direct marking

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

1

- PCB terminal block 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	630 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
Approvals per	UL 1059	UL 1059	UL 1059
Rated voltage UL (Use Group B)	300 V	300 V	600 V
Rated current UL (Use Group B)	26 A	26 A	26 A
Rated voltage UL (Use Group C)		150 V	600 V
Rated current UL (Use Group C)		26 A	26 A
Rated voltage UL (Use Group D)	300 V	300 V	
Rated current UL (Use Group D)	10 A	10 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

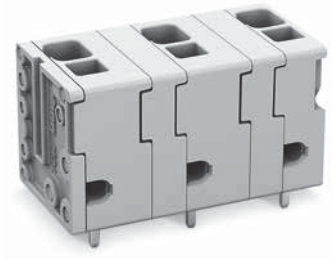
*(III / 2) ≙ Overvoltage category III / Pollution degree 2

Additional technical information, see Volume 2, Section 13

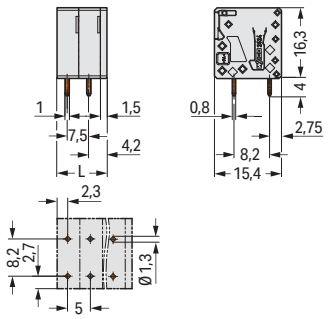
Approvals and corresponding ratings, visit www.wago.com

PUSH-IN CAGE CLAMP®

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



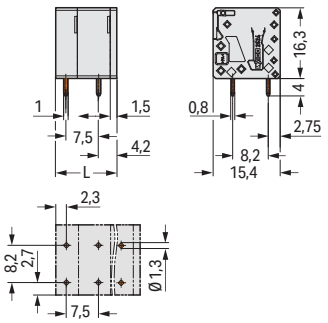
Dimensions (in mm):



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

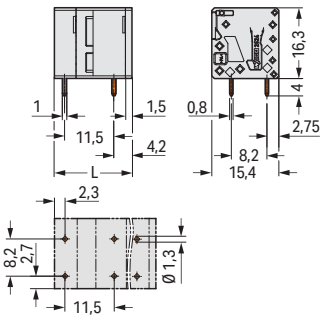
Dimensions (in mm):



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

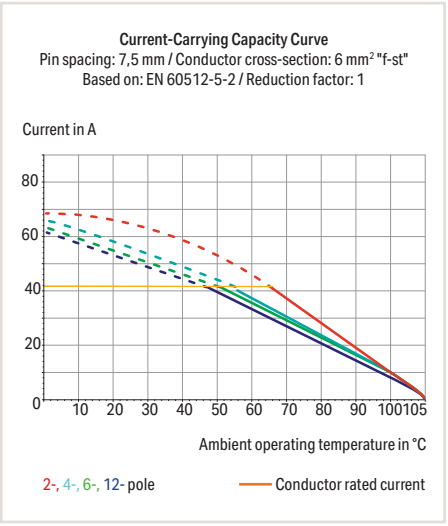
PCB terminal block; conductor entry perpendicular to PCB; 2 solder pins/pole; gray; 11.5 mm (0.453 inch) pin spacing		
Pole No.	**Item No.**	Pack. Unit
2	**2624-3502**	100
3	**2624-3503**	80
4	**2624-3504**	50
5	**2624-3505**	40
6	**2624-3506**	40
7	**2624-3507**	30
8	**2624-3508**	25
9	**2624-3509**	25
10	**2624-3510**	20
11	**2624-3511**	20
12	**2624-3512**	20

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

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

1

- PCB terminal block 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
- Spacers can be used to increase the pin spacing.



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

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	35 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	35 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	0.25 … 6 mm²
Fine-stranded conductor, with twin ferrule	0.25 … 2.5 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

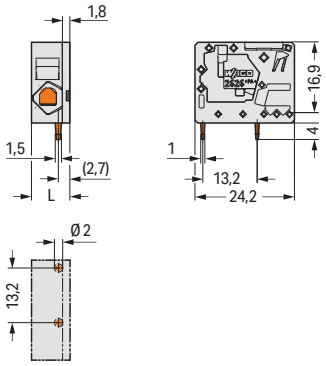
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

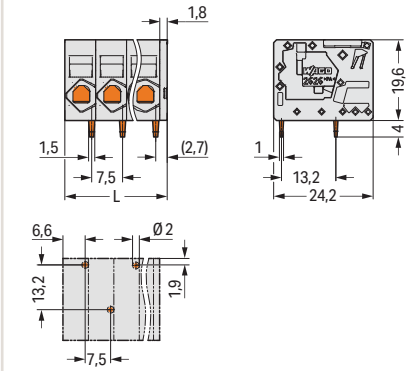
PUSH-IN CAGE CLAMP®

PCB Terminal Block; 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

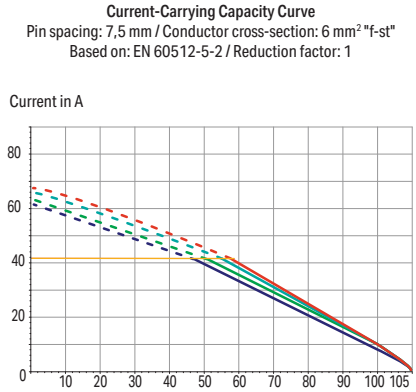
Pole No.	Item No.	Pack. Unit
2	2626-1102/020-000	140
3	2626-1103/020-000	90
4	2626-1104/020-000	70
5	2626-1105/020-000	60
6	2626-1106/020-000	50
7	2626-1107/020-000	40
8	2626-1108/020-000	40
9	2626-1109/020-000	35
10	2626-1110/020-000	30
11	2626-1111/020-000	25
12	2626-1112/020-000	25

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

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

1

- PCB terminal block 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
- Spacers can be used to increase the pin spacing.



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
Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	35 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	35 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	0.25 … 6 mm²
Fine-stranded conductor, with twin ferrule	0.25 … 2.5 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

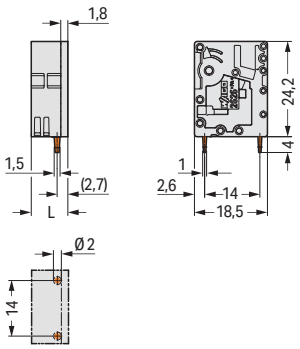
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

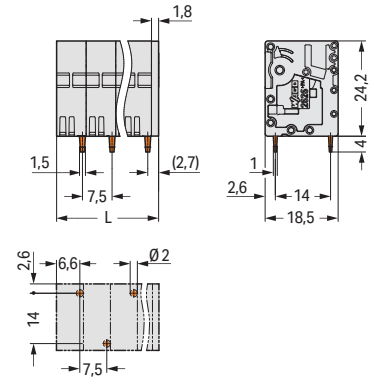
PUSH-IN CAGE CLAMP®

PCB Terminal Block; 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

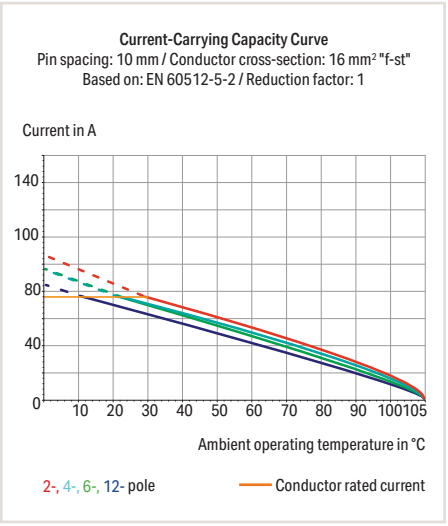
Pole No.	Item No.	Pack. Unit
2	2626-3102/020-000	140
3	2626-3103/020-000	90
4	2626-3104/020-000	70
5	2626-3105/020-000	60
6	2626-3106/020-000	50
7	2626-3107/020-000	40
8	2626-3108/020-000	40
9	2626-3109/020-000	35
10	2626-3110/020-000	30
11	2626-3111/020-000	25
12	2626-3112/020-000	25

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

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

1

- PCB terminal block 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
- Spacers can be used to increase the pin spacing.



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
Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	66 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	66 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

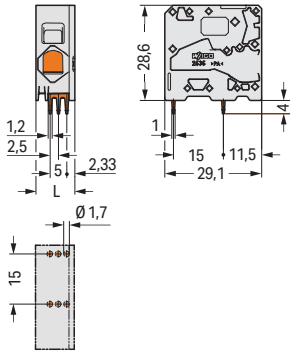
UL/CSA approval pending

Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

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

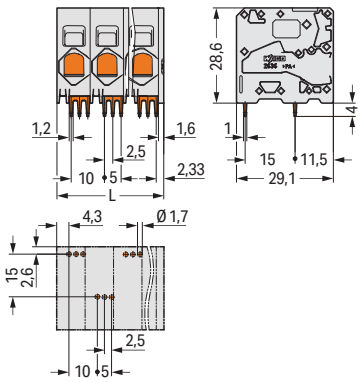
Dimensions (in mm):



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

Dimensions (in mm):



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

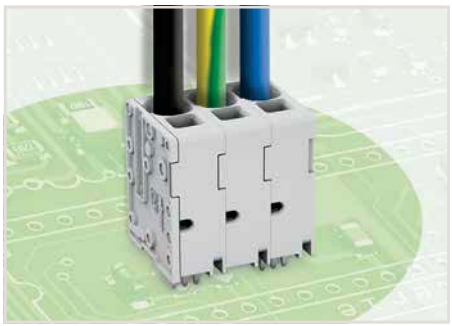
PCB terminal block;
conductor entry parallel to PCB;
3 solder pins/pole; gray;
10 mm (0.394 inch) pin spacing

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

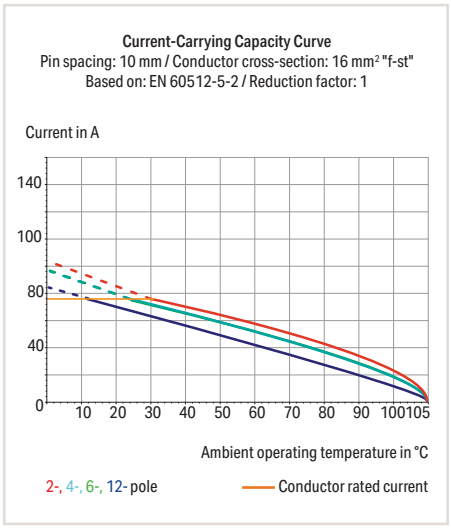
Available upon request (depending on quantity required):
- Other pole numbers
- Other colors
- Other pin spacing
- Direct marking

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

1



- PCB terminal block 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
Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	66 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	66 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

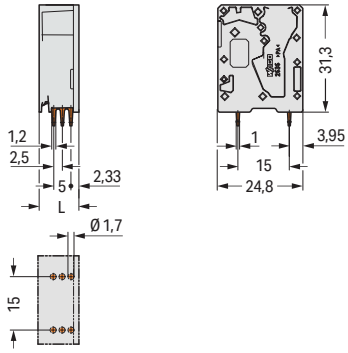
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

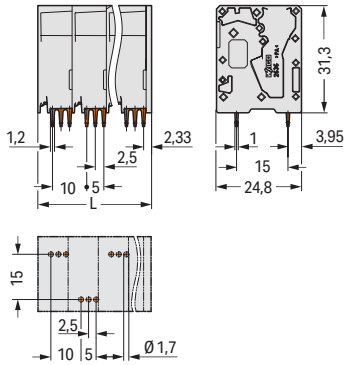
PUSH-IN CAGE CLAMP®

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

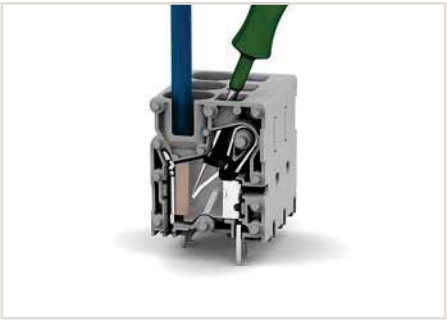
Dimensions (in mm):



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

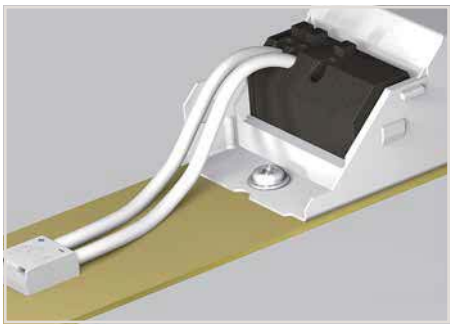
Pole No.	Item No.	Pack. Unit
1	2636-3101	100

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
- Other colors
- Other pin spacing
- Direct marking

Through-Board SMD PCB Terminal Block; 0.75 mm²
Pin Spacing: 6.5 mm
2070 Series



- SMD PCB terminal block with Push-in CAGE CLAMP® connection for back-side wiring of LED modules
- Low profile of just 1.1 mm on the module's front side
- Connect solid conductors via push-in termination
- Insert fine-stranded conductors and remove all conductors via operating tool

2

Electrical Data for FR4 PCB Type	
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	320 V
Rated surge voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated surge voltage (III / 2)	4 kV
Nominal voltage (II / 2)	630 V
Rated surge voltage (II / 2)	4 kV
Rated current	9 A

Electrical Data for Metal-Core PCBs	
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	200 V
Rated surge voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated surge voltage (III / 2)	4 kV
Nominal voltage (II / 2)	500 V
Rated surge voltage (II / 2)	4 kV
Rated current	9 A

Approvals per	UL 1977
Rated voltage UL	600 V
Rated current UL	9 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	8.5 … 10 mm / 0.345 … 0.395 inch
Conductor entry angle to the PCB	0°
Conductor range	
Solid conductor	0.2 … 0.75 mm² / 24 … 18 AWG
Fine-stranded conductor	0.2 … 0.75 mm² / 24 … 18 AWG

Material Data	
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Contact material	Copper alloy
Contact plating	Tin-plated

Clearance and creepage distances >=3.0 mm: 500 V in applications per EN 60598-1

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

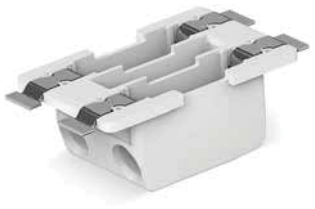
Operating tool
see page 57

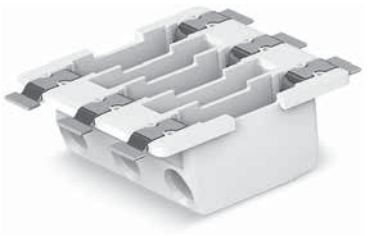
Additional technical information,
see Volume 2, Section 13

Approvals and corresponding ratings,
visit www.wago.com

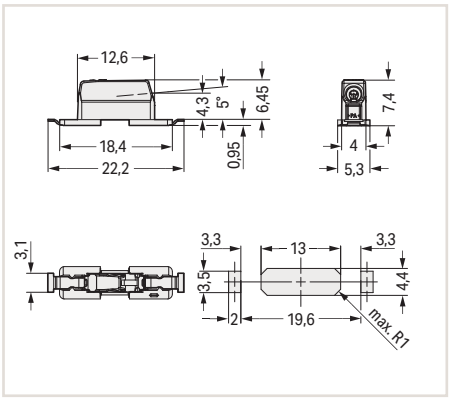
PUSH-IN CAGE CLAMP®

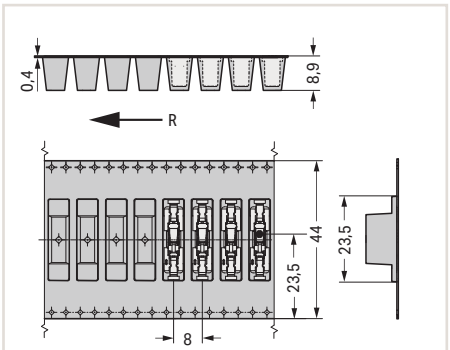
Through-Board SMD PCB Terminal Block without Cover; 0.75 mm²
Pin Spacing: 6.5 mm
2070 Series





Dimensions (in mm):

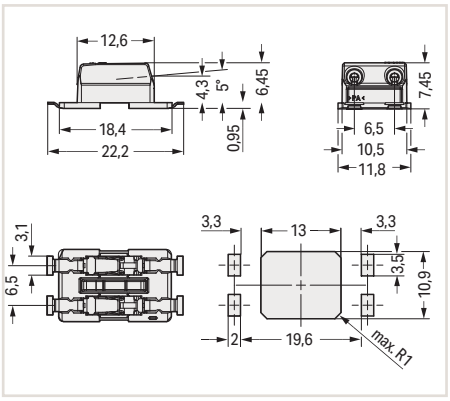


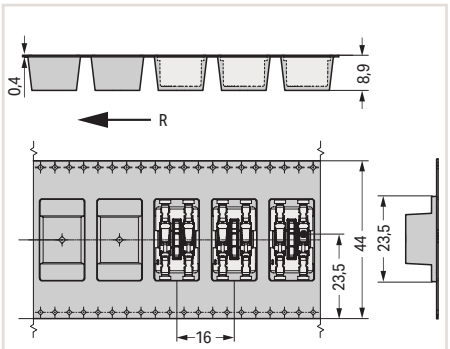


R = Feed direction

Through-board SMD PCB terminal block without cover; in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	Item No.	Pack. Unit
1	2070-451/998-406	4770 (954)

Dimensions (in mm):

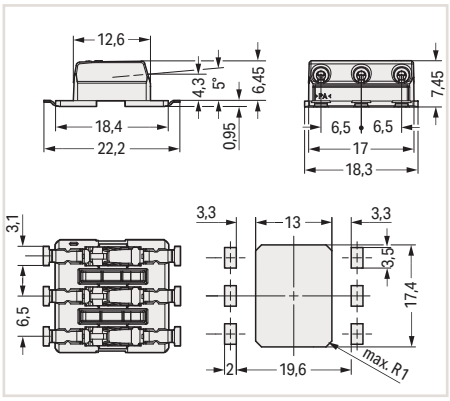


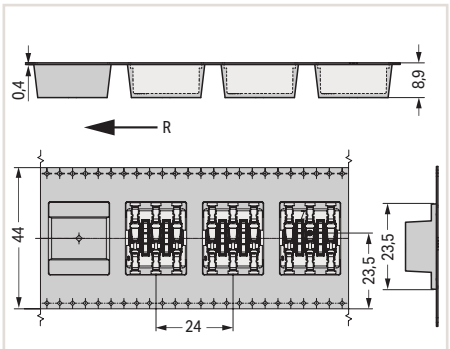


R = Feed direction

Through-board SMD PCB terminal block without cover; in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	Item No.	Pack. Unit
2	2070-452/998-406	2385 (477)

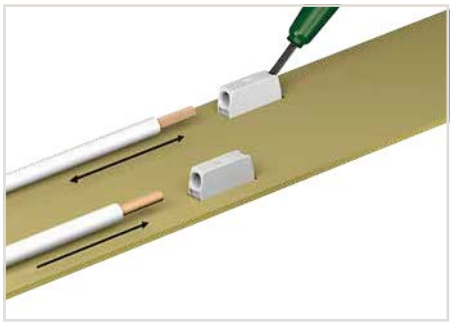
Dimensions (in mm):



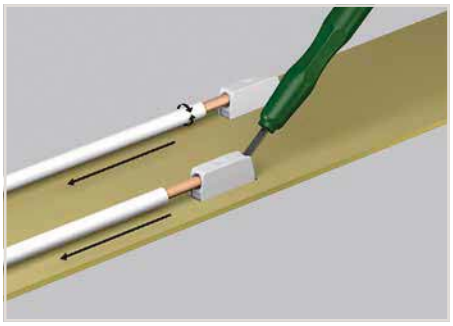


R = Feed direction

Through-board SMD PCB terminal block without cover; in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	Item No.	Pack. Unit
3	2070-453/998-406	1590 (318)



Insert fine-stranded conductors – and remove conductors – via operating tool. Solid conductors can also be terminated by simply pushing them in.



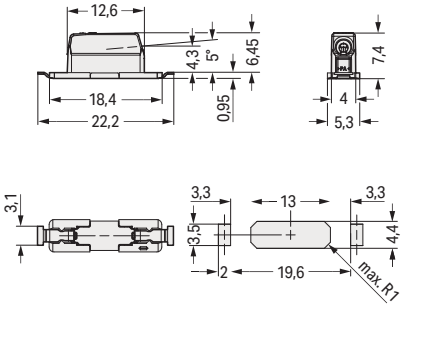
Use an operating tool or simply "twist and pull" to remove solid conductors.

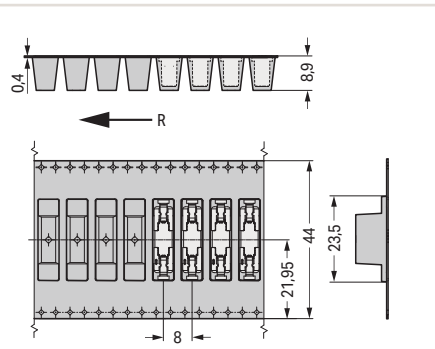
Shift wiring to the back of the LED module via 2070 Series SMD PCB Terminal Blocks.

PUSH-IN CAGE CLAMP®

Through-Board SMD PCB Terminal Block with Cover; 0.75 mm²
Pin Spacing: 6.5 mm
2070 Series

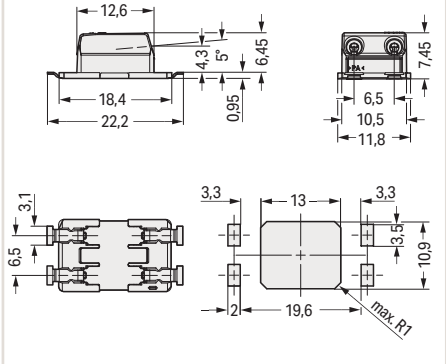
Dimensions (in mm):

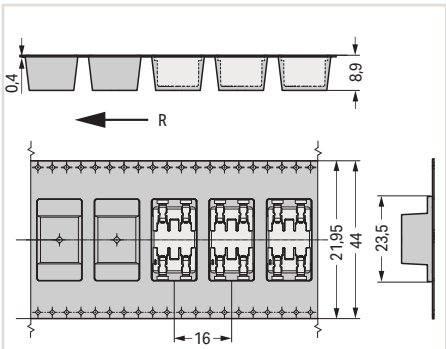




R = Feed direction

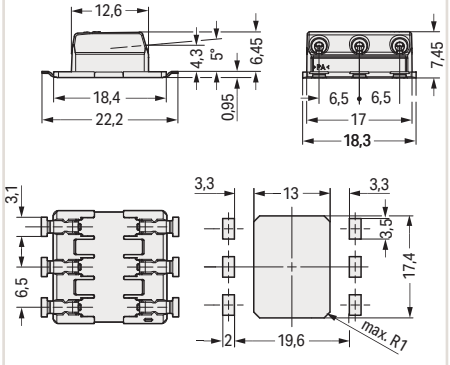
Dimensions (in mm):

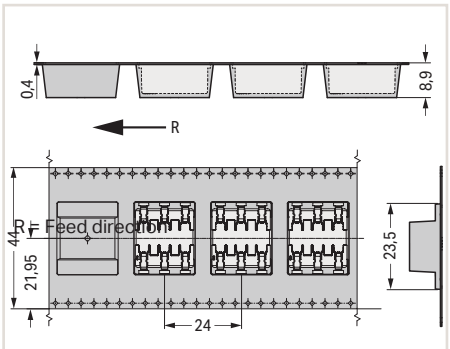




R = Feed direction

Dimensions (in mm):



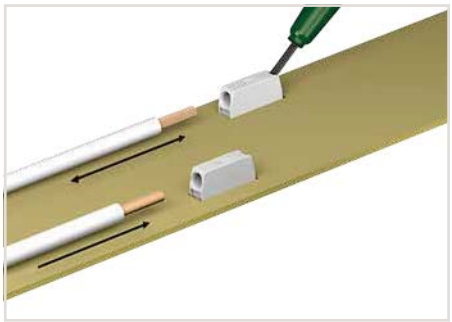


R = Feed direction

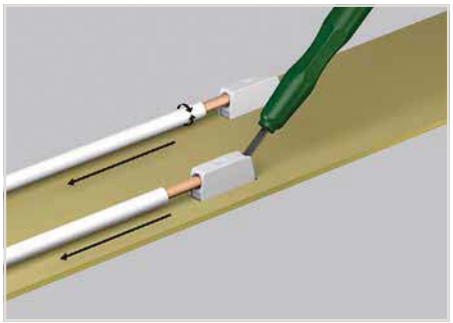
Through-board SMD PCB terminal block with cover; in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	**Item No.**	Pack. Unit
1	**2070-461/998-406**	4770 (954)

Through-board SMD PCB terminal block with cover; in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	**Item No.**	Pack. Unit
2	**2070-462/998-406**	2385 (477)

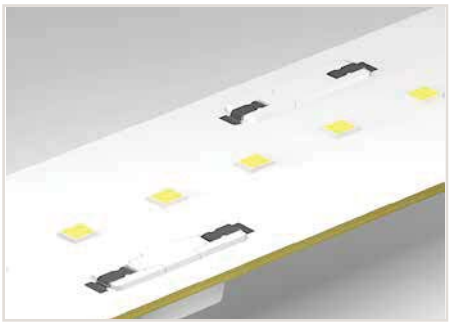
Through-board SMD PCB terminal block with cover; in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	**Item No.**	Pack. Unit
3	**2070-463/998-406**	1590 (318)



Insert fine-stranded conductors – and remove conductors – via operating tool. Solid conductors can also be terminated by simply pushing them in.



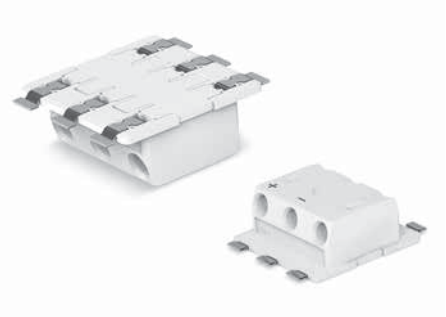
Use an operating tool or simply "twist and pull" to remove solid conductors.



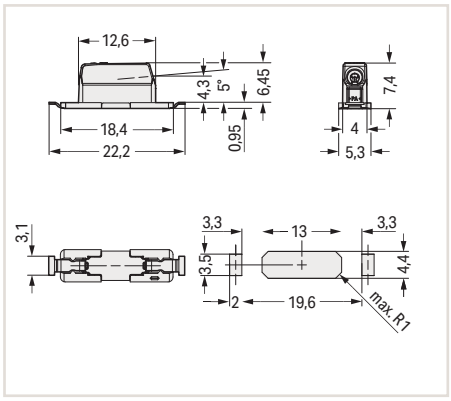
The variants with cover feature a center contact surface for easy pick-and-place assembly and minimum shadowing.

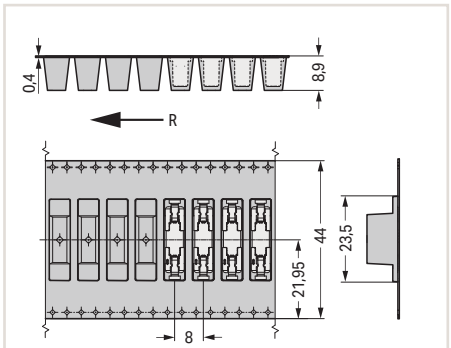
PUSH-IN CAGE CLAMP®

Through-Board SMD PCB Terminal Block with Cover and Marking; 0.75 mm²
Pin Spacing: 6.5 mm
2070 Series



Dimensions (in mm):

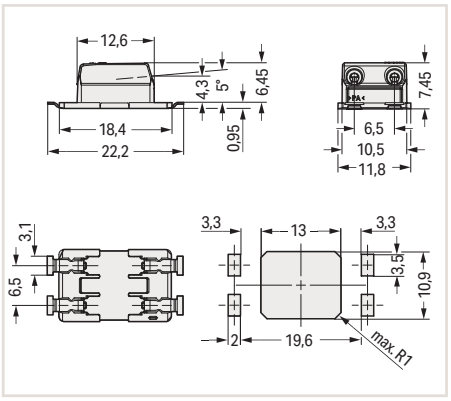


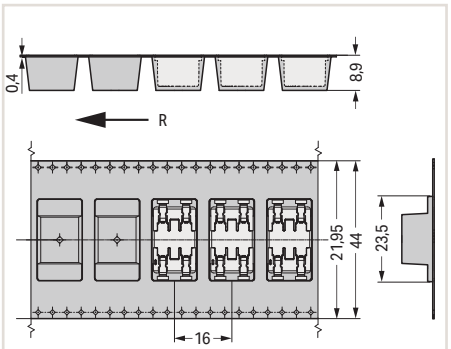


R = Feed direction

Through-board SMD PCB terminal block with cover and marking (+); in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	Item No.	Pack. Unit
1	2070-521/998-406	4770 (954)

Dimensions (in mm):

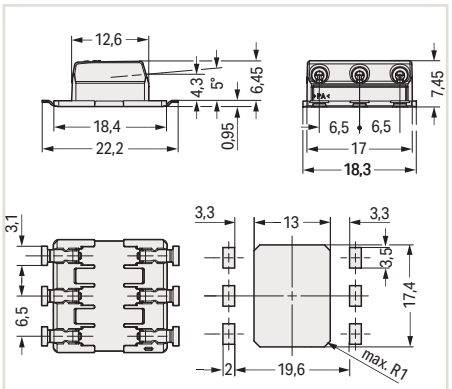


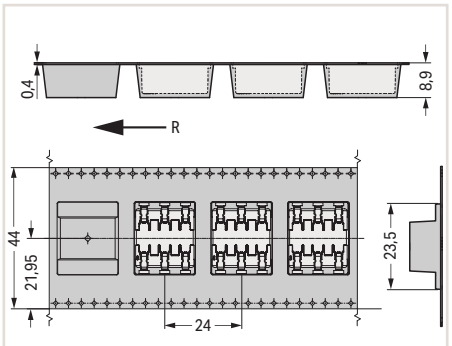


R = Feed direction

Through-board SMD PCB terminal block with cover and marking (+ -); in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	Item No.	Pack. Unit
2	2070-522/998-406	2385 (477)

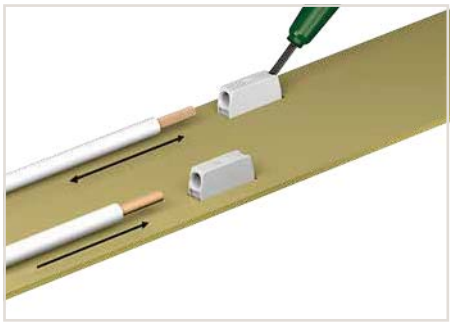
Dimensions (in mm):



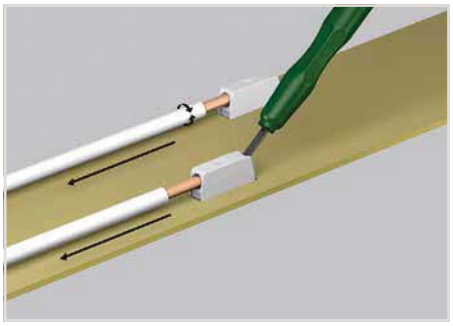


R = Feed direction

Through-board SMD PCB terminal block with cover and marking (+ - plain); in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	Item No.	Pack. Unit
3	2070-523/998-406	1590 (318)



Insert fine-stranded conductors – and remove conductors – via operating tool. Solid conductors can also be terminated by simply pushing them in.

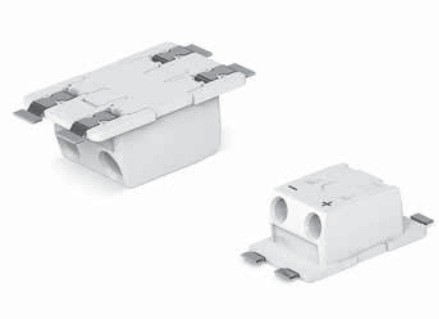


Use an operating tool or simply "twist and pull" to remove solid conductors.

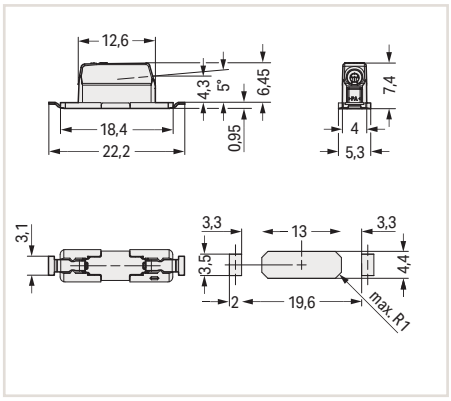
The printed variants offer unique pole marking on the back of the module.

PUSH-IN CAGE CLAMP®

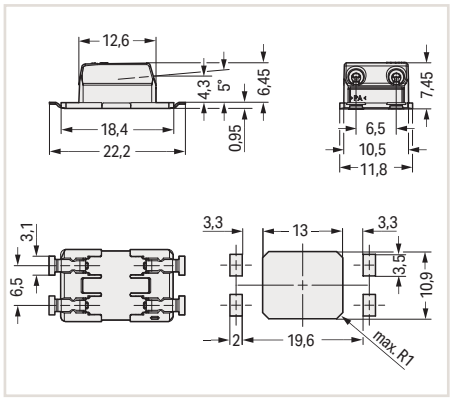
Through-Board SMD PCB Terminal Block with Cover and Marking; 0.75 mm²
Pin Spacing: 6.5 mm
2070 Series



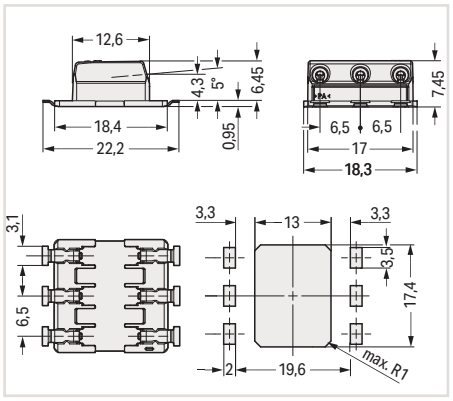
Dimensions (in mm):

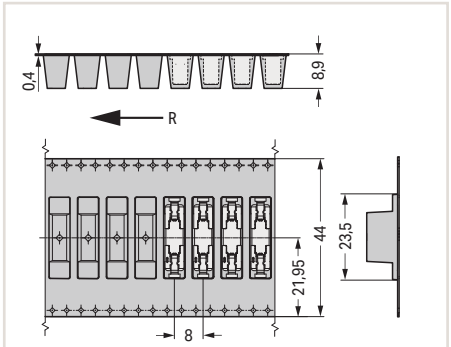


Dimensions (in mm):

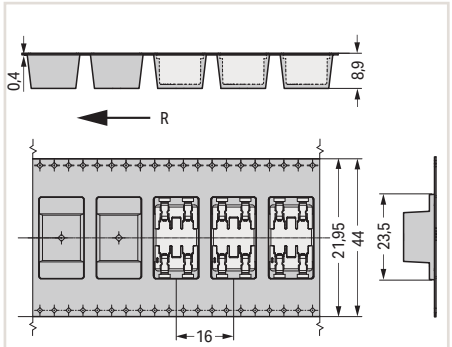


Dimensions (in mm):

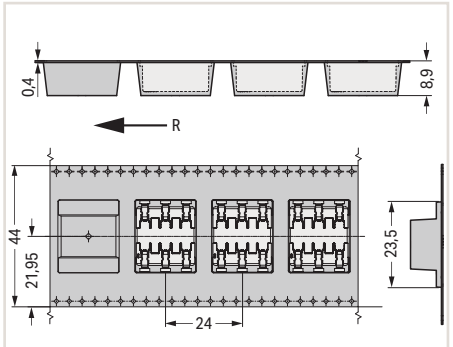




R = Feed direction



R = Feed direction

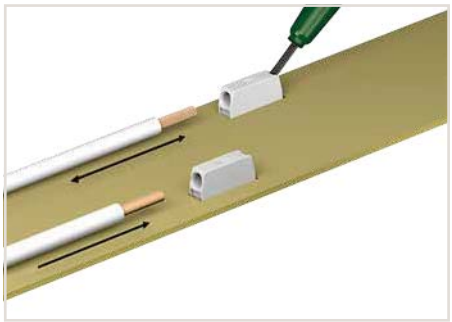


R = Feed direction

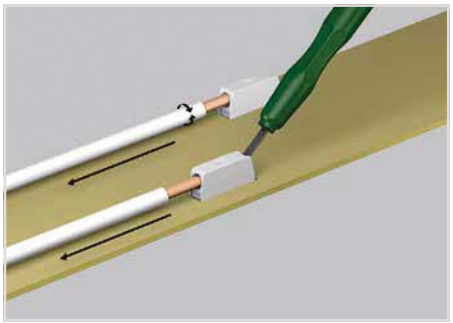
Through-board SMD PCB terminal block with cover and marking (-); in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	**Item No.**	Pack. Unit
1	**2070-541/998-406**	4770 (954)

Through-board SMD PCB terminal block with cover and marking (-+); in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	**Item No.**	Pack. Unit
2	**2070-542/998-406**	2385 (477)

Through-board SMD PCB terminal block with cover and marking (plain - +); in tape-and-reel packaging; 330 mm reel diameter		
Pole No.	**Item No.**	Pack. Unit
3	**2070-543/998-406**	1590 (318)



Insert fine-stranded conductors – and remove conductors – via operating tool. Solid conductors can also be terminated by simply pushing them in.

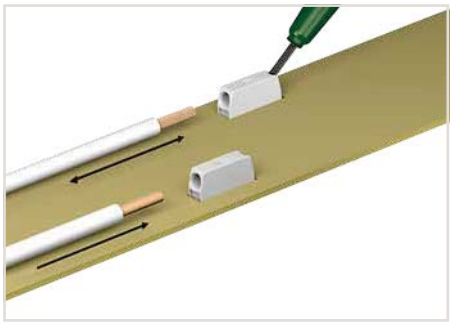


Use an operating tool or simply "twist and pull" to remove solid conductors.

The printed variants offer unique pole marking on the back of the module.

Operating Tool

Operating tool for 2070 Series		
	Item No.	Pack. Unit
	2070-400	1



Insert fine-stranded conductors – and remove conductors – via operating tool. Solid conductors can also be terminated by simply pushing them in.

SMD PCB Terminal Block; 0.75 mm²
2065 Series

- SMD PCB terminal block with Push-in CAGE CLAMP® and Push-Button
- Connect solid conductors via push-in termination
- Convenient termination/removal of fine-stranded conductors via push-button and operating tool
- Just 2.7 mm tall
- Available in tape-and-reel packaging for automated assembly
- Also available in a PUSH WIRE® variant without push-button (only for solid conductors)

2

Electrical Data for Pin spacing	6.5 mm / 0.256 inch	6 mm / 0.236 inch
Connection technology	Push-in CAGE CLAMP®	PUSH WIRE®
Ratings per*	IEC/EN 60664-1	IEC/EN 60664-1
Rated voltage (III / 3)	320 V	250 V
Rated surge voltage (III / 3)	4 kV	4 kV
Rated voltage (III/2)	320 V	320 V
Rated surge voltage (III / 2)	4 kV	4 kV
Rated voltage (II / 2)	630 V	630 V
Rated surge voltage (II / 2)	4 kV	4 kV
Rated current	9 A	9 A
Approvals per	UL 1977	UL 1977
Rated voltage UL	600 V	600 V
Rated current UL	9 A	9 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	7.5 … 9.5 mm / 0.3 … 0,37 inch
Conductor entry angle to the PCB	0°
Conductor cross-sections	
Solid conductor	0.2 … 0.75 mm² / 24 … 18 AWG
Fine-stranded conductor	0.2 … 0.75 mm² / 24 … 18 AWG
Connection technology	PUSH WIRE®
Strip length	7.5 … 9.5 mm / 0.3 … 0,37 inch
Conductor entry angle to the PCB	0°
Conductor cross-sections	
Solid conductor	0.2 … 0.75 mm² / 24 … 18 AWG

Material Data	
Limit temperature range	−60 … +120 °C
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	Tin-plated

NOTE: Terminal block without insulation housing! Protection against accidental contact must be provided at voltages higher than low voltages (e.g., SELV/PELV) for the relevant application.

The layout must meet the requirements of the insulation coordination standard EN/IEC 60664-1 and applicable end product standards.

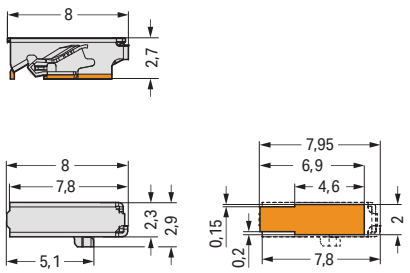
*(III / 2) ≙ Overvoltage category III / Pollution degree 2

Additional technical information, see Volume 2, Section 13

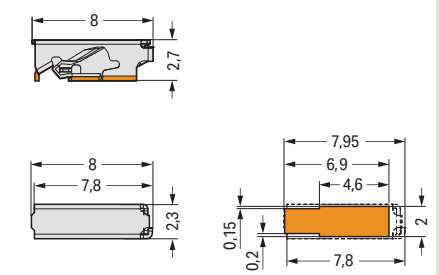
Approvals and corresponding ratings, visit www.wago.com

SMD PCB Terminal Block; 0.75 mm²
2065 Series

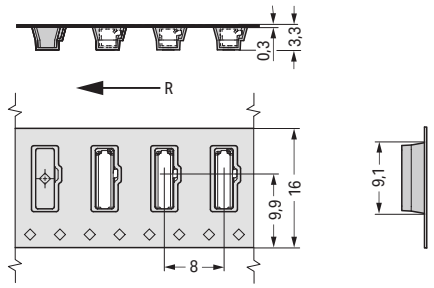
Dimensions (in mm):



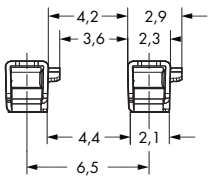
Dimensions (in mm):



Dimensions (in mm):

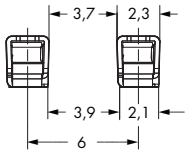


R = Feed direction



SMD PCB terminal block **with push-button**;
in tape-and-reel packaging; 330 mm reel diameter;
Push-in CAGE CLAMP®;
6.5 mm (0.256 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	2065-100/998-403	31800 (2650)

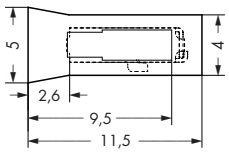


SMD PCB terminal block **without push-button**;
in tape-and-reel packaging; 330 mm reel diameter;
PUSH WIRE®;
6 mm (0.236 inch) pin spacing

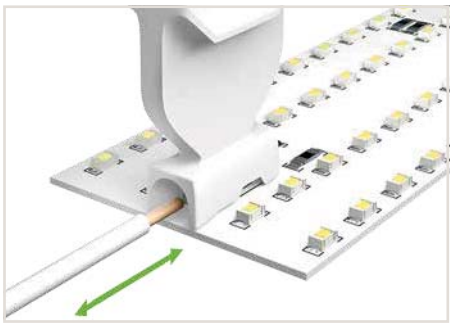
Pole No.	Item No.	Pack. Unit
1	2065-101/998-403	31800 (2650)

Operating tool for 2065 Series

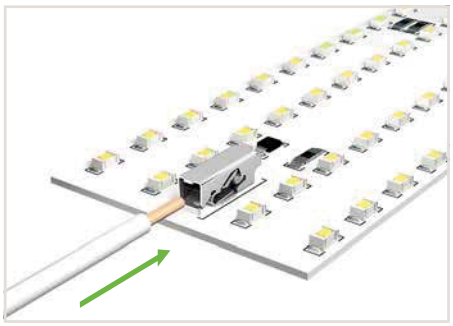
	Item No.	Pack. Unit
	2065-189	600 (50)



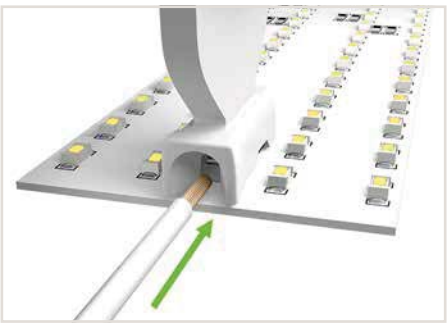
Required area for operating tool



Push-in CAGE CLAMP® version:
Insert fine-stranded conductors – and remove all conductors – via operating tool. Solid conductors can be terminated by simply pushing them in.



PUSH WIRE® version without push-button:
Even more space savings when using exclusively solid conductors.



The operating tool's funneled conductor entry accurately guides the conductor into the terminal block.

Board-to-Board Link for SMD PCB Terminal Blocks; 0.5 mm²; Pin Spacing: 3 mm

2059 Series

- Board-to-board links simplify LED module assembly
- Easy push-in connection and disconnection

2

Electrical Data for Pin Spacing	3 mm / 0.118 inch
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	63 V
Rated surge voltage (III / 3)	2.5 kV
Rated voltage (III / 2)	160 V
Rated surge voltage (III / 2)	2.5 kV
Nominal voltage (II / 2)	320 V
Rated surge voltage (II / 2)	2.5 kV
Rated Current	3 A

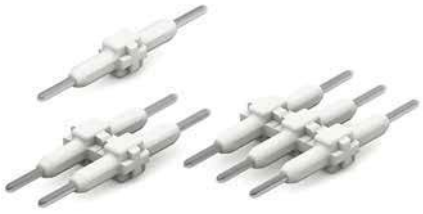
Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Contact material	Copper alloy
Contact Plating	Silver-plated

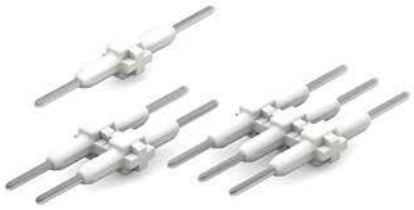
*(III / 2) ≙ Overvoltage category III / Pollution degree 2

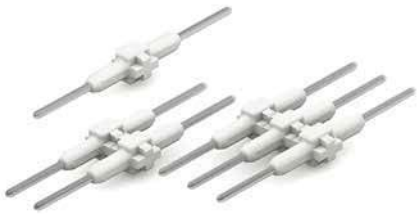
Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

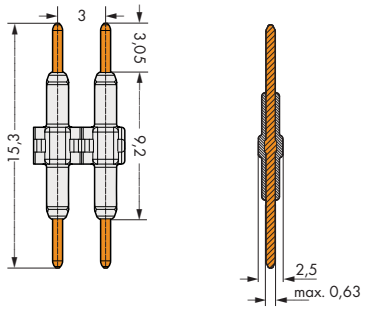
Board-to-Board Link for SMD PCB Terminal Blocks; 0.5 mm²; Pin Spacing: 3 mm
2059 Series







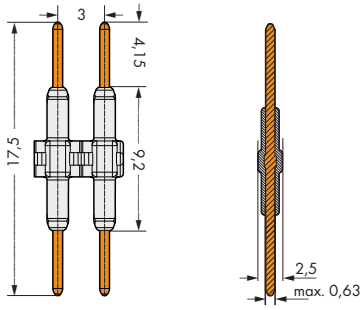
Dimensions (in mm):



Board-to-board link for SMD PCB terminal blocks; **15.3** mm pin length; white; 3 mm (0.118 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	**2059-901**	1500
2	**2059-902**	500
3	**2059-903**	375
4	**2059-904**	250

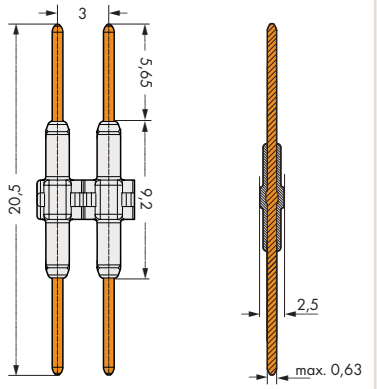
Dimensions (in mm):



Board-to-board link for SMD PCB terminal blocks; **17.5** mm pin length; white; 3 mm (0.118 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	**2059-901/018-000**	1500
2	**2059-902/018-000**	500
3	**2059-903/018-000**	375
4	**2059-904/018-000**	250

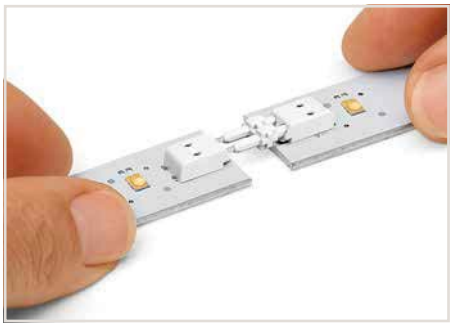
Dimensions (in mm):



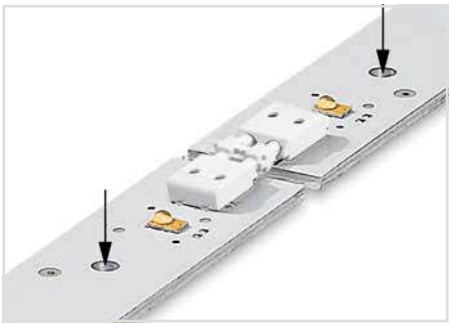
Board-to-board link for SMD PCB terminal blocks; **20.5** mm pin length; white; 3 mm (0.118 inch) pin spacing

Pole No.	Item No.	Pack. Unit
1	**2059-901/021-000**	1500
2	**2059-902/021-000**	500
3	**2059-903/021-000**	375
4	**2059-904/021-000**	250

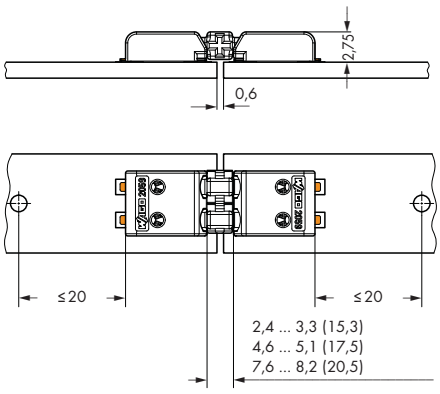
Inserting a board-to-board link into the terminal block.



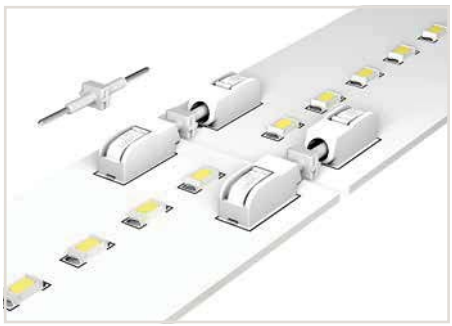
Assembly: Place PCBs on a flat surface and connect terminal blocks on adjoining PCBs via board-to-board link. Disassembly: Pull PCBs apart (max. 10 mating cycles).



The PCBs must be secured.



Board-to-Board Link for SMD PCB Terminal Blocks with Push-Buttons; 1.5 mm²; Pin Spacing: 6 mm
2061 Series



- Board-to-board links simplify LED module assembly
- Easy push-in connection and disconnection without push-button actuation

2

Electrical Data for Pin Spacing	6 mm / 0.236 inch
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	250 V
Rated surge voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated surge voltage (III / 2)	4 kV
Nominal voltage (II / 2)	630 V
Rated surge voltage (II / 2)	4 kV
Rated current	9 A

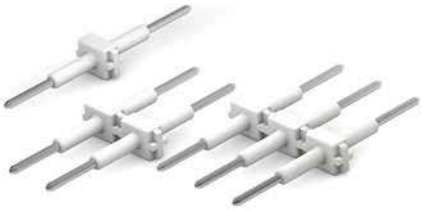
Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Contact material	Copper alloy
Contact Plating	Silver-plated

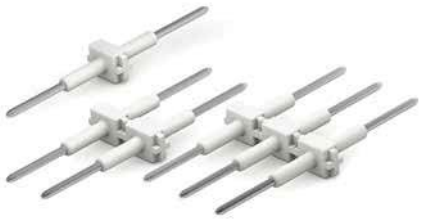
*(III / 2) ≙ Overvoltage category III / Pollution degree 2

Additional technical information, see Volume 2, Section 13

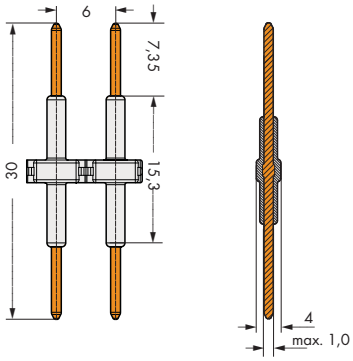
Approvals and corresponding ratings, visit www.wago.com

Board-to-Board Link for SMD PCB Terminal Blocks with Push-Buttons; 1.5 mm²; Pin Spacing: 6 mm
2061 Series





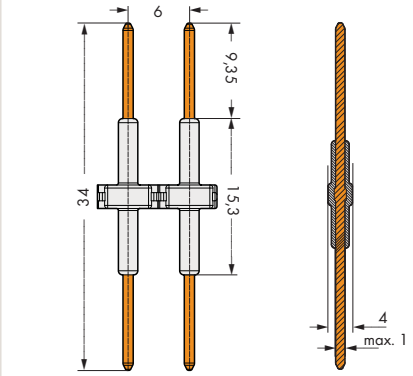
Dimensions (in mm):



Board-to-board link for SMD PCB terminal blocks with push-buttons; white; 30 mm pin length; 6 mm (0.236 inch) pin spacing

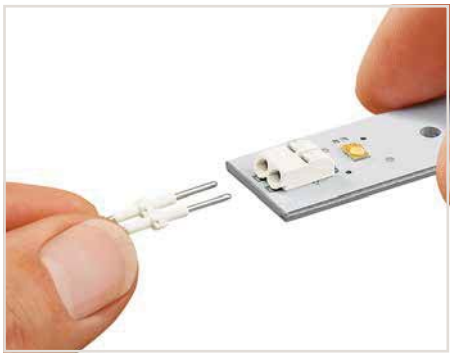
Pole No.	Item No.	Pack. Unit
1	2061-901	700
2	2061-902	300
3	2061-903	200
4	2061-904	100

Dimensions (in mm):

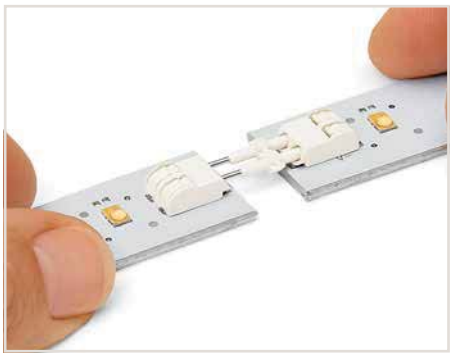


Board-to-board link for SMD PCB terminal blocks with push-buttons; white; 34 mm pin length; 6 mm (0.236 inch) pin spacing

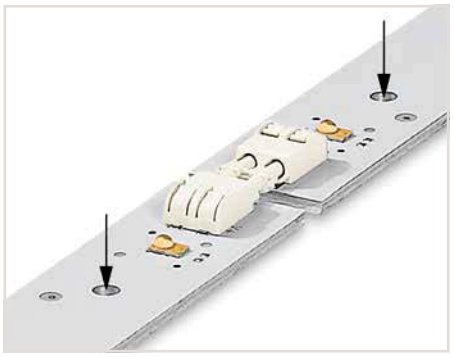
Pole No.	Item No.	Pack. Unit
1	2061-901/034-000	700
2	2061-902/034-000	300
3	2061-903/034-000	200
4	2061-904/034-000	100



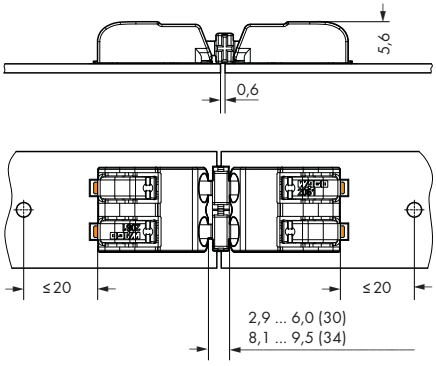
Inserting a board-to-board link into the terminal block.



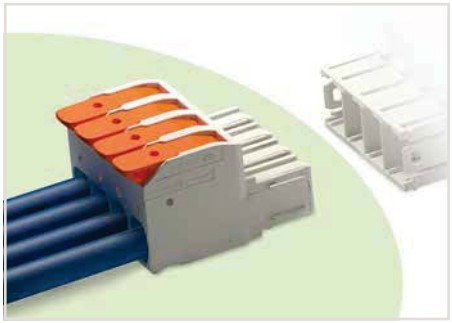
Assembly: Place PCBs on a flat surface and connect terminal blocks on adjoining PCBs via board-to-board link. Disassembly: Pull PCBs apart (max. 10 mating cycles).



The PCBs must be secured.



1-Conductor Female Connector with Levers
Pin Spacing: 10.16 mm
MCS MAXI 16



- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in termination of solid or ferruled conductors
- Test slot 0° and 90° to conductor entry
- 100% protected against mismating
- Coding via coding fingers

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

Material Data	
Material group	I
Insulating material	Polybutylene terephthalate (PBT)
Flammability class per UL94	V0
Limit temperature range	−60 … +120 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Silver-plated
Additional springs for socket contact	Chrome nickel spring steel (CrNi)

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

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

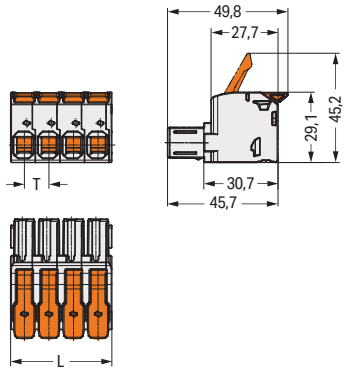
Coding pins, see page 70

Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

1-Conductor Female Connector with Levers
Pin Spacing: 10.16 mm
MCS MAXI 16

Dimensions (in mm):

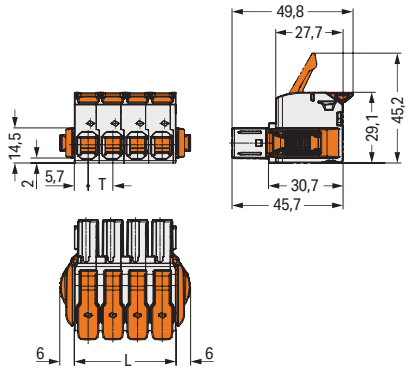


L = pole no. x pin spacing + 1.3 mm

1-conductor female connector with levers; light gray; 10.16 mm (0.4 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	832-1102	50
3	832-1103	50
4	832-1104	20
5	832-1105	20
6	832-1106	10

Dimensions (in mm):



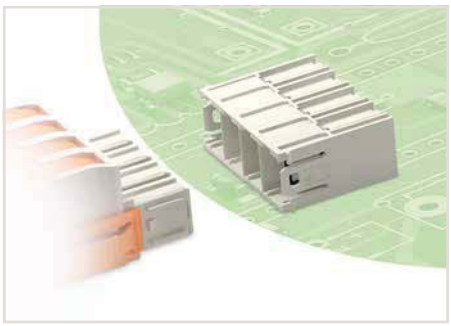
L = pole no. x pin spacing + 1.3 mm

1-conductor female connector with levers and locking lever; light gray; 10.16 mm (0.4 inch) pin spacing

Pole No.	Item No.	Pack. Unit
2	832-1102/037-000	25
3	832-1103/037-000	25
4	832-1104/037-000	20
5	832-1105/037-000	10
6	832-1106/037-000	10

Available upon request (depending on quantity required):
• Other pole numbers

THT Male Header
Pin Spacing: 10.16 mm
MCS MAXI 16



- Male header may be mounted horizontally or vertically via straight or angled solder pins
- Three solder pins per pole provide high electrical and mechanical stability
- Mating face (IP2XB) with higher protection against accidental contact
- 100% protected against mismating
- Coding via coding fingers

Electrical Data	
Ratings per*	IEC/EN 60664-1
Nominal voltage (III / 3)	800 V
Rated surge voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated surge voltage (III / 2)	8 kV
Nominal voltage (II / 2)	1000 V
Rated surge voltage (II / 2)	8 kV
Rated current	76 A

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
Insulating material	Polybutylene terephthalate (PBT)
Flammability class per UL94	V0
Limit temperature range	−60 … +120 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Silver-plated

7

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

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

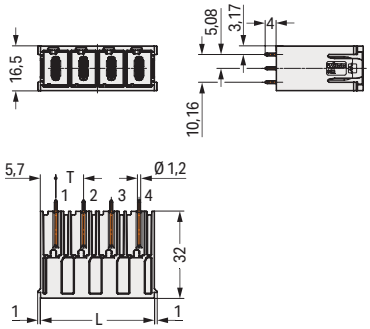
Coding pins, see page 70

Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

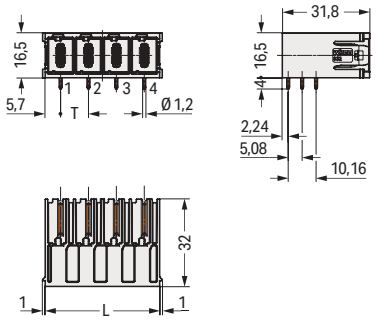
THT Male Header
Pin Spacing: 10.16 mm
MCS MAXI 16

Dimensions (in mm):



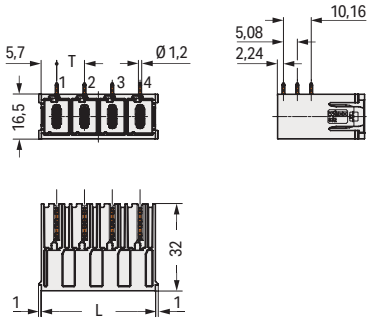
L = pole no. x pin spacing + 1.3 mm

Dimensions (in mm):

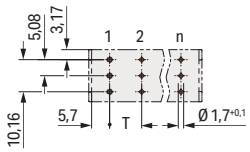


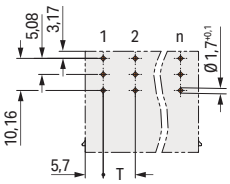
L = pole no. x pin spacing + 1.3 mm

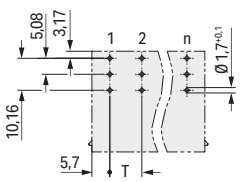
Dimensions (in mm):



L = pole no. x pin spacing + 1.3 mm







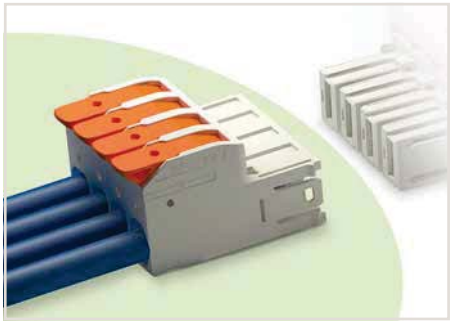
THT male header; with straight solder pins; 3 solder pins/pole; light gray; 10.16 mm (0.4 inch) pin spacing	
Pole No.	Item No.
2	832-3602
3	832-3603
4	832-3604
5	832-3605
6	832-3606

THT male header; with upward-angled solder pins; 3 solder pins/pole; light gray; 10.16 mm (0.4 inch) pin spacing	
Pole No.	Item No.
2	832-3622
3	832-3623
4	832-3624
5	832-3625
6	832-3626

THT male header; with downward-angled solder pins; 3 solder pins/pole; light gray; 10.16 mm (0.4 inch) pin spacing	
Pole No.	Item No.
2	832-3642
3	832-3643
4	832-3644
5	832-3645
6	832-3646

Available upon request (depending on quantity required):
- Other pole numbers
- Protection against PCB mounting errors

1-Conductor Male Connector with Levers
Pin Spacing: 10.16 mm
MCS MAXI 16



- Universal connection for all conductor types
- Push-in termination of solid or ferruled conductors
- Test slot 0° and 90° to conductor entry
- Intuitive and tool-free operation
- 100% protected against mismating
- Coding via coding fingers

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

Material Data	
Material group	I
Insulating material	Polybutylene terephthalate (PBT)
Flammability class per UL94	V0
Limit temperature range	−60 … +120 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Silver-plated

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

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

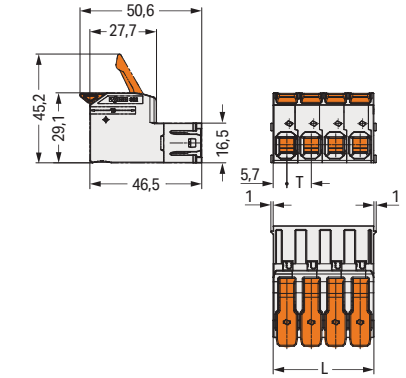
Coding pins, see page 70

Additional technical information, see Volume 2, Section 13

Approvals and corresponding ratings, visit www.wago.com

1-Conductor Male Connector with Levers
Pin Spacing: 10.16 mm
MCS MAXI 16

Dimensions (in mm):



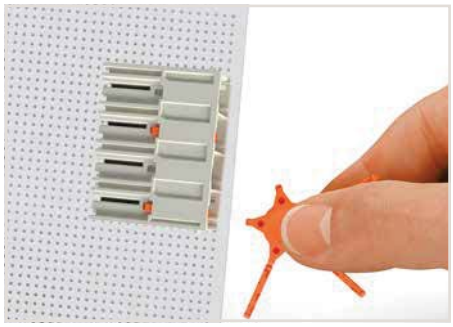
L = pole no. x pin spacing + 1.3 mm

1-conductor male connector with levers; light gray; 10.16 mm (0.4 inch) pin spacing	
Pole No.	**Item No.**
2	**832-1202**
3	**832-1203**
4	**832-1204**
5	**832-1205**
6	**832-1206**

Available upon request (depending on quantity required):
• Other pole numbers

Coding Pins
MCS MAXI 16

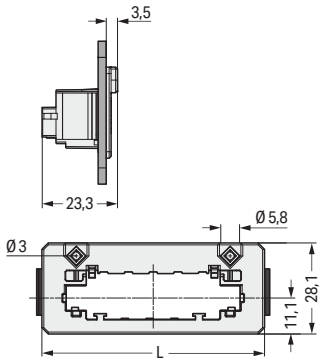
Coding pin carrier; with five coding pins; for male headers and female connectors; orange		
	Item No.	Pack. Unit
	832-500	100 (25)



Coding a THT male header by inserting a coding pin.

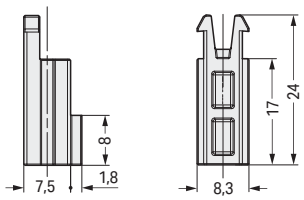
Snap-In Frames and Lockout Pins
MCS MAXI 6

Dimensions (in mm):

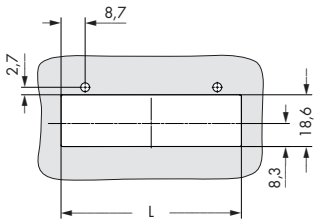


L = (pole no. x 7.62 mm) + 30.6 mm

Dimensions (in mm):



Dimensions (in mm):



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

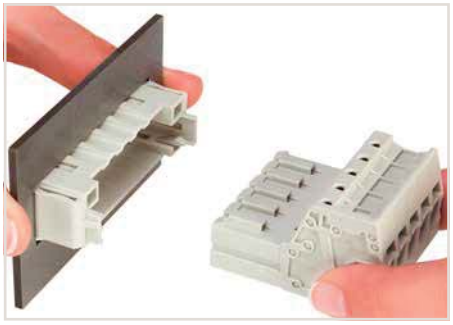
Panel cutout for snap-in frame

Snap-in frame for *MCS* MAXI male connectors; light gray			
Pole No.	Width	**Item No.**	Pack. Unit
2	45.84 mm	**831-302**	48
3	53.46 mm	**831-303**	48
4	61.08 mm	**831-304**	24
5	68.7 mm	**831-305**	12

Lockout pins for snap-in frames; light gray		
	Item No.	Pack. Unit
	831-321	100

- Snap-in frames for through-panel *MCS* MAXI 6 connectors
- Fast and easy installation – without tools
- Compatible with *MCS* MAXI 6 male and female connectors
- For panel thickness ranging from 0.5 to 2.5 mm
- Optional screw mounting

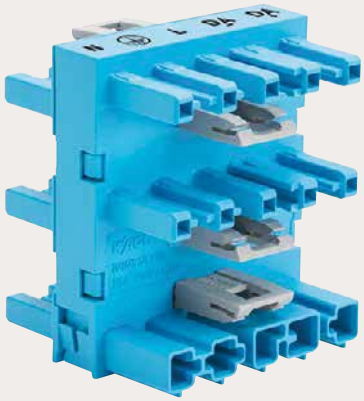
Insert the snap-in frame into the cutout.

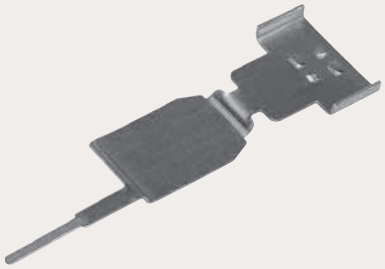


Insert the male connector into the snap-in frame.

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.



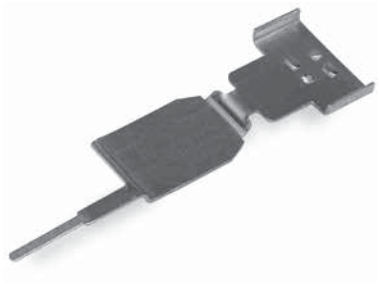


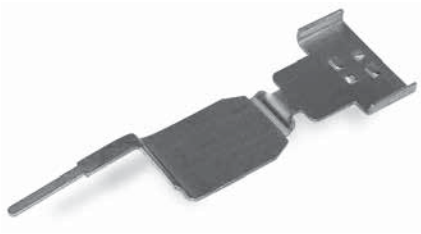
Volume 5,
WINSTA® – The Pluggable Connection System

Volume 5; *WINSTA*® – The Pluggable Connection System
Content

WINSTA® MINI
Shield Connecting Plate; 5-Pole
890 Series

1





Shield connecting plate; for socket; 5-pole		
	Item No.	Pack. Unit
	890-526	50

Shield connecting plate; for plug; 5-pole		
	Item No.	Pack. Unit
	890-527	50

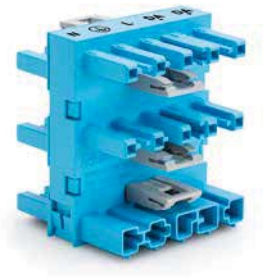
890 Series and 770 Series Accessories, see Full Line Catalog, Volume 5

Approvals, see www.wago.com

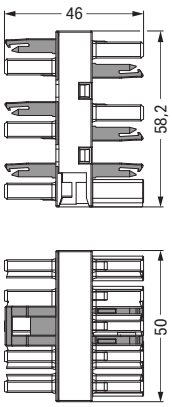
Coding Overview, see Full Line Catalog, Volume 5

WINSTA® MIDI
Distribution Connector; 5-Pole
770 Series

Rated voltage	400 V
Rated current	25 A



Dimensions in mm



Distribution connector; 5-way; 1 x plug/5 x socket		
Color	Item No.	Pack. Unit
blue	770-1947	50

Coding	Marking	Color
I	N ⏚ L DA- DA+	blue

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 and Marking Strips

Circuit ID labels; self-adhesive; plain; 750 labels/roll; single-row; divided into two fields		
Color	Item No.	Pack. Unit
○ white	210-813	1

Circuit ID labels; self-adhesive; plain; 750 labels/roll; single-row; divided into three fields		
Color	Item No.	Pack. Unit
○ white	210-814	1

Marking strip; self-adhesive; plain; 20 m/reel; 30 mm wide		
Color	Item No.	Pack. Unit
● yellow	210-874/000-002	1

Marking strip; self-adhesive; plain; 20 m/reel; 12.7 mm wide; for Siemes ET200		
Color	Item No.	Pack. Unit
○ white	210-880	1
● yellow	210-880/000-002	1

Marking strip; self-adhesive; plain; 20 m/reel; 22.6 mm wide; for Siemes S7		
Color	Item No.	Pack. Unit
○ white	210-882	1
● yellow	210-882/000-002	1

Cutter for *smart*PRINTER

Cutter for ***smart***PRINTER; only for marking strips; not suitable for WMB Inline markers

Item No.	Pack. Unit
258-5030	1

Hardware requirements:
- Printer model: ***smart***PRINTER
- From manufacturing month/year: 0814 – August 2014
- Firmware version: 1.UW7i
- Printer driver: Version 7.4.2

Software requirements:
- ***smart***SCRIPT: Version 3.88.9.0 or higher
- WAGO Printer Settings: Version 2.4.0.0 or higher

Approved print material to be cut:
- Marking Strips: 2009-110, 709-177, 709-178, 757-901/000-005
- Self-Adhesive Marking Strips: 210-702, 210-870 … -877
- Cable Tie Markers: 211-835 … -836, 211-836/000-002
- Self-Laminating Labels: 211-855 … -857
- Conductor Markers for Thread-On Mounting: 211-861 … -863
- Type Labels: 210-801 … -804, 210-812
- Continuous Labels: 210-831 … -834
- Label for Circuit Identification: 210-813, 210-814

Dimensions of printing materials:
- Width (max.):46 mm
- Thickness (max.): 250 µm

Technical Data	
Width	60 mm
Height	107 mm
Depth	131 mm
Weight	1050 g

Ink Ribbon for *smart*PRINTER

Thermal transfer ink ribbon for ***smart***PRINTER; suitable for all markers in every WAGO product line; 50 mm wide x 74 m

Color	Item No.	Pack. Unit
red	258-5005/000-005	1

Item Number Index

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