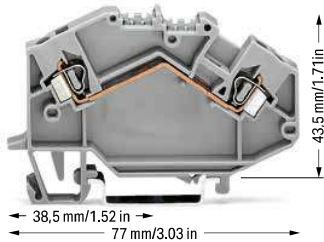


Through/Ground Conductor/Shield Conductor and Ex Terminal Block TOPJOB® Classic

2.5 mm²; 780 Series

Technical Data

0.08 ... 2.5 mm²	28 ... 12 AWG*
1000 V/8 kV/3 ①	600 V, 20 A ②
I _N 24 A	600 V, 20 A ③
Terminal block width: 5 mm / 0.197 inch	
 8 ... 9 mm / 0.31 ... 0.35 inch	



2-conductor through terminal block

Color	Item No.	Pack, Unit
gray	780-601	50
blue	780-604 ②	50
orange	780-602	50
light gray ③	780-992 ③	50

2-conductor ground terminal block

green-yellow	780-607	50
green-yellow ③	780-607/999-950 ③	50

Other terminal blocks with the same profile:

N-disconnect	780-613	Page 271
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Accessories; 780 Series

Appropriate marking systems: WMB/WMB Inline/WFB

End and intermediate plate; 1.5 mm thick

orange	780-317	100 (25)
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Ex e/Ex i separator; orange; 3 mm thick

125.5 mm	209-192	50 (25)
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Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 5 pcs/strip

white	280-470	200 (25)
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Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

light gray	280-471	200 (25)
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Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

dark gray	280-472	200 (25)
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Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	280-415	100 (25)
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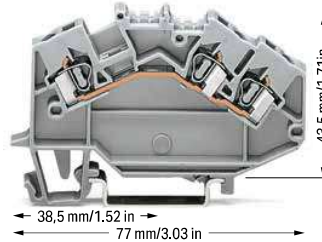
Adjacent jumper; insulated; I_N = I_N terminal block

gray	280-402	200 (25)
yellow-green	280-422	200 (25)



Technical Data

0.08 ... 2.5 mm²	28 ... 12 AWG*
1000 V/8 kV/3 ①	600 V, 20 A ②
I _N 24 A	600 V, 25 A ③
Terminal block width: 5 mm / 0.197 inch	
 8 ... 9 mm / 0.31 ... 0.35 inch	



3-conductor through terminal block

Color	Item No.	Pack, Unit
gray	780-631	50
blue	780-651 ②	50
orange	780-654	50
light gray ③	780-993 ③	50

3-conductor ground terminal block

green-yellow	780-637	50
green-yellow ③	780-637/999-950 ③	50

3-conductor shield terminal block

white	780-640	50
-------	---------	----

Alternate jumper; insulated; I_N = I_N terminal block

gray	280-409	100 (25)
------	---------	----------



Staggered jumper; insulated; 5 mm wide; I_N 24 A

1 to 2	780-452	100 (25)
1 to 3	780-453	100 (25)
1 to 4	780-454	100 (25)
1 to 5	780-455	50 (25)
1 to 6	780-456	50 (25)
1 to 7	780-457	50 (25)
1 to 8	780-458	50 (25)



Push-in type wire jumper; insulated; 0.75 mm² conductor cross section; I_N 9 A

L = 60 mm	249-125	100 (10)
L = 110 mm	249-126	100 (10)
L = 250 mm	249-127	100 (10)



Comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	280-482	200 (25)
3-way	280-483	200 (25)
10-way	280-490	50 (25)



Alternate comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	280-492	200 (25)
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Operating tool; insulated

2-way	280-432	1
3-way	280-433	1
10-way	280-440	1



*12 AWG: THHN, THWN

- 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree (see Section 14)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications.
0.2 ... 2.5 mm² / 24 ... 12 AWG*
690 V; 23 A
(see Section 14)
Using staggered jumpers reduces the maximum rated voltage to 275 V.

Please observe the application notes:

Insulation stop, page 346
Jumpers, from page 348
Comb-style jumper bar, page 347
Testing accessories, from page 342
Marking, from page 588

Approvals and corresponding ratings, visit www.wago.com

Accessories; 780 Series

Appropriate marking systems:
WMB/WMB Inline/WFB

Test plug module; snaps together; 5 mm wide

gray	280-418	100 (25)
------	---------	----------

Spacer module; snaps together; 5 mm wide

gray	280-419	100 (25)
------	---------	----------

Test plug adapter; 8.3 mm wide; for 4 mm Ø test plug; for 1.5 ... 10 mm² terminal blocks

gray	209-170	50 (25)
------	---------	---------

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

215-111	50
---------	----



Test plug adapter; 5 mm wide; for 210-137 Test Plug (2.3 mm Ø); for 1.5 ... 4 mm² terminal blocks

gray	280-404	100 (25)
------	---------	----------

Test plug adapter; 6 mm wide; with CAGE CLAMP®; for 0.08 ... 2.5 mm²

I _N 24 A	281-407	100 (25)
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Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

yellow	210-137	50
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Operating tool; specialty blade; for all TOPJOB® terminal blocks

777-310	1
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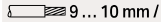
Screwless end stop; for DIN-35 rail; 6 mm wide

gray	249-116	100 (25)
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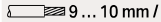


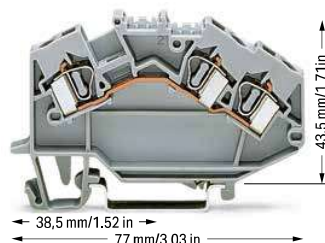
Through/Ground Conductor and Ex Terminal Block TOPJOB® Classic 4 mm²; 781 Series

Technical Data

0.08 ... 4 mm ²	28 ... 12 AWG
1000 V/8 kV/3 ①	600 V, 20 A ②
I _N 32 A	600 V, 20 A ③
Terminal block width: 6 mm / 0.236 inch	
 9 ... 10 mm / 0.35 ... 0.39 inch	

Technical Data

0.08 ... 4 mm ²	28 ... 12 AWG
1000 V/8 kV/3 ①	600 V, 20 A ②
I _N 32 A	600 V, 20 A ③
Terminal block width: 6 mm / 0.236 inch	
 9 ... 10 mm / 0.35 ... 0.39 inch	



- 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Section 14)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications.
0.2 ... 4 mm² / 24 ... 12 AWG
690 V
30 A, for 2-conductor terminal blocks
27 A, for 3-conductor terminal blocks
(see Section 14)
Using staggered jumpers reduces the maximum rated voltage to 275 V.

Please observe the application notes:

Insulation stop, page 346
Jumpers, from page 348
Comb-style jumper bar, page 347
Testing accessories, from page 342
Marking, from page 588

Approvals and corresponding ratings,
visit www.wago.com

Accessories; 781 Series

Appropriate marking systems:
WMB/WMB Inline/WFB

Test plug module; snaps together; 6 mm wide

gray	280-418	100 (25)
------	---------	----------

Spacer module; snaps together; 5 mm wide

gray	280-419	100 (25)
------	---------	----------

Test plug adapter; 8.3 mm wide; for 4 mm Ø test plug; for 1.5 ... 10 mm² terminal blocks

gray	209-170	50 (25)
------	---------	---------

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50
--	---------	----

Test plug adapter; 5 mm wide; for 210-137 Test Plug (2.3 mm Ø); for 1.5 ... 4 mm² terminal blocks

gray	280-404	100 (25)
------	---------	----------

Test plug adapter; 6 mm wide; with CAGE CLAMP®; for 0.08 ... 2.5 mm²

I _N 24 A	281-407	100 (25)
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Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

yellow	210-137	50
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Operating tool; specialty blade; for all TOPJOB® terminal blocks

	777-310	1
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Screwless end stop; for DIN-35 rail; 6 mm wide

gray	249-116	100 (25)
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5

2-conductor through terminal block

Color	Item No.	Pack, Unit
gray	781-601	50
blue	781-604 ②	50
light gray ③	781-992 ③	50

2-conductor ground terminal block

green-yellow	781-607	50
green-yellow ③	781-607/999-950 ③	50

Other terminal blocks with the same profile:

N-disconnect	781-613	Page 271
Potential	781-623	Page 271

3-conductor through terminal block

Color	Item No.	Pack, Unit
gray	781-631	50
blue	781-651 ②	50
light gray ③	781-993 ③	50

3-conductor ground terminal block

green-yellow	781-637	50
green-yellow ③	781-637/999-950 ③	50

Other terminal blocks with the same profile:

N-disconnect	781-643	Page 271
Potential	781-653	Page 271

Accessories; 781 Series

Appropriate marking systems: WMB/WMB Inline/WFB

End and intermediate plate; 1.5 mm thick

orange	780-317	100 (25)
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Ex e/Ex i separator; orange; 3 mm thick

125.5 mm	209-192	50 (25)
----------	---------	---------



Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 5 pcs/strip

white	281-470	200 (25)
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Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

light gray	281-471	200 (25)
------------	---------	----------



Insulation stop; 0.75 ... 1.5 mm²; 5 pcs/strip

dark gray	281-472	200 (25)
-----------	---------	----------



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

yellow	281-415	100 (25)
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Adjacent jumper; insulated; I_N = I_N of terminal block

gray	281-402	200 (25)
yellow-green	281-422	200 (25)



Alternate jumper; insulated; I_N = I_N of terminal block

gray	281-409	100 (25)
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Staggered jumper; insulated; 6 mm wide; I_N 32 A

1 to 2	781-452	100 (25)
1 to 3	781-453	100 (25)
1 to 4	781-454	100 (25)
1 to 5	781-455	50 (25)
1 to 6	781-456	50 (25)



Push-in type wire jumper; insulated; 0.75 mm² conductor cross section; I_N 9 A

L = 60 mm	249-125	100 (10)
L = 110 mm	249-126	100 (10)
L = 250 mm	249-127	100 (10)



Comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	281-482	100 (25)
3-way	281-483	100 (25)
5-way	281-485	100 (25)
10-way	281-490	50 (25)



Alternate comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	281-492	100 (25)
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Operating tool; insulated

2-way	280-432	1
3-way	280-433	1
5-way	281-440	1

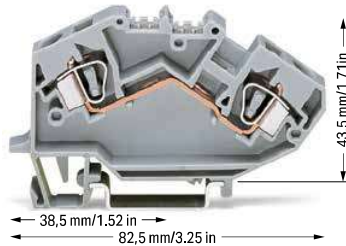


Through/Ground Conductor and Ex Terminal Block TOPJOB® Classic

6 mm²; 782 Series and 10 (16) mm²; 784 Series

Technical Data

0.2 ... 6 mm²	24 ... 10 AWG
1000 V/8 kV/3 ②	600 V, 30 A ③
I _N 41 A	600 V, 25 A ④
Terminal block width: 8 mm / 0.315 inch	
12 ... 13 mm / 0.47 ... 0.51 inch	



2-conductor through terminal block

Color	Item No.	Pack, Unit
gray	782-601	25
blue	782-604 ③	25
light gray ⑤	782-992 ④	50

2-conductor ground terminal block

green-yellow	782-607	25
green-yellow ⑤	782-607/999-950 ④	25

Other terminal blocks with the same profile:

N-disconnect	782-613	Page 272
Potential	782-623	Page 272

Accessories; item-specific

Adjacent jumper; insulated; I_N 41 A

gray	282-402	100 (25)
yellow-green	282-422	100 (25)

Alternate jumper; insulated; I_N 41 A

gray	282-409	100 (25)
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Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	282-415	100 (25)
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B-type test plug module; snaps together; 8 mm wide

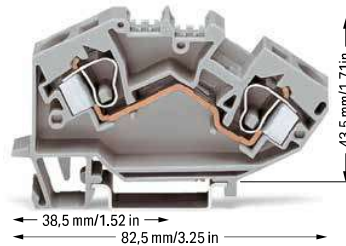
gray	709-310	100 (25)
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B-type spacer module; snaps together; 8 mm wide

gray	709-311	100 (25)
------	---------	----------

Technical Data

0.2 ... 10 (16) mm² ①	24 ... 6 AWG
1000 V/8 kV/3 ②	600 V, 50 A ③
I _N 57 A	600 V, 35 A ④
Terminal block width: 10 mm / 0.394 inch	
12 ... 13 mm / 0.47 ... 0.51 inch	



2-conductor through terminal block

Color	Item No.	Pack, Unit
gray	784-601	25
blue	784-604 ③	25
light gray ⑤	784-992 ④	25

2-conductor ground terminal block

green-yellow	784-607	25
green-yellow ⑤	784-607/999-950 ④	25

Other terminal blocks with the same profile:

N-disconnect	784-613	Page 272
Potential	784-623	Page 272

Accessories; item-specific

Adjacent jumper; insulated; I_N 57 A

gray	284-402	100 (25)
yellow-green	284-422	100 (25)

Alternate jumper; insulated; I_N 57 A

orange	284-409	50 (25)
--------	---------	---------

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

yellow	284-415	50 (25)
--------	---------	---------

B-type test plug module; snaps together; 8 mm wide

gray	709-310	100 (25)
------	---------	----------

B-type spacer module; snaps together; 8 mm wide

gray	709-311	100 (25)
------	---------	----------

B-type spacer plate; snaps together; 2 mm wide

gray	709-312	100 (25)
------	---------	----------

Finger guard; touch-proof cover protects unused conductor entries

yellow	284-400	100 (25)
--------	---------	----------

① Max. conductor cross section: 16 mm²

② 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Section 14)

③ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

④ Terminal blocks with an Ex mark are suitable for Ex e II applications.
0.2 ... 6 mm² / 24 ... 10 AWG
690 V; 39 A
(see Section 14)

⑤ Terminal blocks with an Ex mark are suitable for Ex e II applications.
0.2 ... 10 mm²/24 ... 8 AWG
690 V; 53 A
(see Section 14)

Please observe the application notes:

Test plug module, page 345
Marking, from page 588

Approvals and corresponding ratings,
visit www.wago.com

Accessories

Appropriate marking systems:
WMB/WMB Inline/WFB

End and intermediate plate; 1.5 mm thick

orange 782-317 100 (25)

Ex e/Ex i separator; orange; 3 mm thick

125.5 mm 209-192 50 (25)

Test plug adapter; 8.3 mm wide; for 4 mm Ø test plug; for 1.5 ... 10 mm² terminal blocks

gray 209-170 50 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

215-111 50

Busbar carrier; with end stop function and detachable separator plate; snaps onto DIN-35 rail; 8 mm thick

blue 777-305 25

WFB continuous marking strip; 1000 mm long

transparent 210-612 10

Carrier for WFB continuous marking strip; snaps into marker slot

gray 209-185 200 (25)

Operating tool; specialty blade; for all TOPJOB® terminal blocks

777-310 1

Screwless end stop; for DIN-35 rail; 6 mm wide

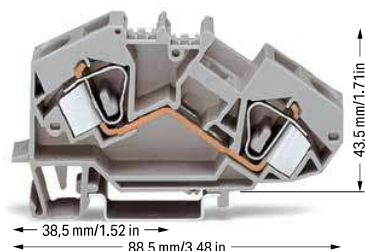
gray 249-116 100 (25)

Through/Ground Conductor and Ex Terminal Block TOPJOB® Classic

16 mm²; 783 Series and 35 mm²; 785 Series

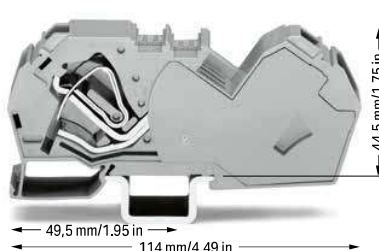
Technical Data

0.2 ... 16 mm²	24 ... 6 AWG
1000 V/8 kV/3 ①	600 V, 65 A W
I _N 76 A	600 V, 50 A Ⓢ
Terminal block width: 12 mm / 0.472 inch	
16 ... 17 mm / 0.63 ... 0.67 inch	



Technical Data

6 ... 35 mm²	8 ... 2 AWG
1000 V/8 kV/3 ①	600 V, 115 A W
I _N 125 A	600 V, 125 A Ⓢ
Terminal block width: 16 mm / 0.63 inch	
23 mm / 0.91 inch	



- ① 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Section 14)

- ② Terminal blocks with a blue insulated housing are suitable for Ex i applications.

- ③ Terminal blocks with an Ex mark are suitable for Ex e II applications.
0.2 ... 6 mm² / 24 ... 10 AWG
690 V; 39 A
(see Section 14)

- ④ Terminal blocks with an Ex mark are suitable for Ex e II applications.
0.2 ... 10 mm² / 24 ... 8 AWG
690 V; 53 A
(see Section 14)

Please observe the application notes:
Marking, from page 588

Approvals and corresponding ratings,
visit www.wago.com

5

2-conductor through terminal block

Color	Item No.	Pack, Unit
gray	783-601	25
blue	783-604 ②	25
light gray Ⓢ	783-992 ③	25

2-conductor ground terminal block

green-yellow	783-607	25
green-yellow Ⓢ	783-607/999-950 ④	25

Other terminal blocks with the same profile:

N-disconnect	783-613	Page 272
Potential	783-623	Page 272

Accessories; item-specific

End and intermediate plate; 1.5 mm thick

orange	783-317	100 (25)
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Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	283-415	50 (25)
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Finger guard; touch-proof cover protects unused conductor entries

yellow	283-400	100 (25)
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Adjacent jumper; insulated; I_N 70 A

gray	283-402	100 (25)
yellow-green	283-422	100 (25)



Alternate jumper; insulated; I_N 76 A

gray	283-409	100 (25)
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Power tap; IN 24 A; with 500 mm cable; for 16 mm² (283/783 Series) and 35 mm² (285/785 Series) rail-mount terminal blocks

gray	283-407	25
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2-conductor through terminal block

Color	Item No.	Pack, Unit
gray	785-601	25
blue	785-604	25

2-conductor ground terminal block

green-yellow	785-607	25
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Other terminal blocks with the same profile:

N-disconnect	785-613	Page 273
Potential	785-623	Page 273

Accessories; item-specific

Adjacent jumper; insulated; I_N 85 A

gray	284-402	50 (25)
------	---------	---------



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

yellow	285-416	50 (25)
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Finger guard; touch-proof cover protects unused conductor entries

yellow	285-401	100
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Power tap; IN 24 A; with 500 mm cable; for 16 mm² (283/783 Series) and 35 mm² (285/785 Series) rail-mount terminal blocks

gray	283-407	25
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Accessories

Appropriate marking systems:
WMB/WMB Inline/WFB

Test plug adapter; 8.3 mm wide; for 4 mm Ø test plug; for 1.5 ... 10 mm² terminal blocks



gray	283-404	25
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Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V



	215-111	50
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Busbar carrier; with end stop function and detachable separator plate; snaps onto DIN-35 rail; 8 mm thick



blue	777-305	25
------	---------	----

WFB continuous marking strip; 1000 mm long



transparent	210-612	10
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Carrier for WFB continuous marking strip; snaps into marker slot



gray	209-185	200 (25)
------	---------	----------

WMB marking card; white; 10 strips with 10 markers/card; for 5 ... 17.5 mm terminal block width



plain	793-501	5
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WMB marking card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm



plain	793-5501	5
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Operating tool; specialty blade; for all TOPJOB® terminal blocks



	777-310	1
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Screwless end stop; for DIN-35 rail; 6 mm wide



gray	249-116	100 (25)
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