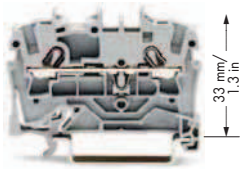
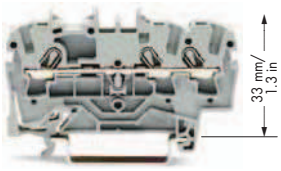
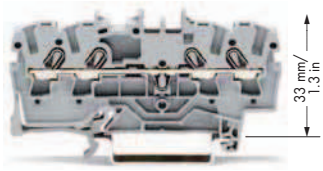
TOPJOB®S
Through/Ground Conductor/Shield and Ex Terminal Blocks 2.5 (4) mm²
2002 Series

0.25 - 2.5 (4) mm² ❶ 800 V/8 kV/3 ❷ I_N 24 A (32 A)	AWG 22 - 12 600 V, 20 A 600 V, 20 A	Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ❸
0.25 - 2.5 (4) mm² ❶ 800 V/8 kV/3 ❷ I_N 24 A (32 A)	AWG 22 - 12 600 V, 20 A 600 V, 20 A	Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ❸
0.25 - 2.5 (4) mm² ❶ 800 V/8 kV/3 ❷ I_N 24 A (32 A)	AWG 22 - 12 600 V, 20 A 600 V, 20 A	Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ❸







	Item No.	Pack. Unit
2-conductor through terminal block		
gray	**2002-1201** ❺	100
blue	**2002-1204** ❹ ❺	100
orange	**2002-1202** ❺	100
red	**2002-1203** ❺	100
black	**2002-1205** ❺	100
yellow	**2002-1206** ❺	100
2-conductor ground terminal block		
green-yellow	**2002-1207** ❺	100
Other terminal blocks with the same profile:		
Diode	**2002-1211/1000-411** Page 120	

	Item No.	Pack. Unit
3-conductor through terminal block		
gray	**2002-1301** ❺	100
blue	**2002-1304** ❹ ❺	100
orange	**2002-1302** ❺	100
red	**2002-1303** ❺	100
black	**2002-1305** ❺	100
yellow	**2002-1306** ❺	100
3-conductor ground terminal block		
green-yellow	**2002-1307** ❺	100
Other terminal blocks with the same profile:		
Diode	**2002-1311/1000-411** Page 120	
LED	**2002-1321/1000-434** Page 120	

	Item No.	Pack. Unit
4-conductor through terminal block		
gray	**2002-1401** ❺	100
blue	**2002-1404** ❹ ❺	100
orange	**2002-1402** ❺	100
red	**2002-1403** ❺	100
black	**2002-1405** ❺	100
yellow	**2002-1406** ❺	100
4-conductor ground terminal block		
green-yellow	**2002-1407** ❺	100
4-conductor shield terminal block		
white	**2002-1408**	100
Other terminal blocks with the same profile:		
Diode	**2002-1411/1000-411** Page 120	
LED	**2002-1421/1000-434** Page 120	
Double-potential	**2002-1441** Page 59	

Item-Specific Accessories

End and intermediate plate, 0.8 mm thick



orange	**2002-1292**	100 (4x25)
gray	**2002-1291**	100 (4x25)

Separator, oversized, 2 mm thick



orange	**2002-1294**	100 (4x25)
gray	**2002-1293**	100 (4x25)

Ex e/Ex i separator, orange,

❻



3 mm thick		
90 mm	**209-190**	50 (2x25)
120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 0.8 mm thick



orange	**2002-1392**	100 (4x25)
gray	**2002-1391**	100 (4x25)

Separator, oversized, 2 mm thick



orange	**2002-1394**	100 (4x25)
gray	**2002-1393**	100 (4x25)

Ex e/Ex i separator, orange,

❻



3 mm thick		
120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 0.8 mm thick



orange	**2002-1492**	100 (4x25)
gray	**2002-1491**	100 (4x25)

Separator, oversized, 2 mm thick



orange	**2002-1494**	100 (4x25)
gray	**2002-1493**	100 (4x25)

Ex e/Ex i separator, orange,

❻



3 mm thick		
120 mm	**209-191**	50 (2x25)

2002 Series Accessories

Appropriate marking systems: WMB/Marking strips/WMB Inline
(see Section 13)

Insulation stop,



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

Insulation stop,



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

Protective warning marker,



with high-voltage symbol, black,		
for 5 terminal blocks		
yellow	**2002-115**	100 (4x25)

Push-in type jumper bar, insulated,

❻



I_N 25 A,		
light gray		
2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type jumper bar, insulated,



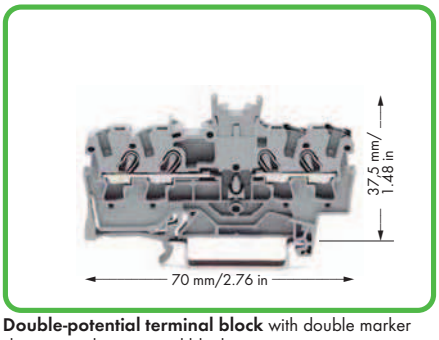
I_N 25 A,		
light gray		
from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

For list of approvals and user guide, see pages 634 to 637.

Double-Potential Terminal Blocks 2.5 (4) mm²
2002 Series
Accessories for Rail-Mounted Terminal Blocks

CAGE CLAMP®S

1. Conductor sizes: 0.25 mm² – 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² – 4 mm² "s" and 0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"
2. 800 V = rated voltage
   8 kV = rated surge voltage
   3 = pollution degree
   (also see Section 14)
3. Strip length, see packaging or instructions.
4. Suitable for Ex i applications
5. Suitable for Ex e II applications
   550 V, 22 A
   Jumper 20 A
   (also see Section 14)
6. See application notes for:
   Ex e/Ex i separator plate, page 52
   Colored push-in type jumper bars, page 139
   Staggered jumper, page 141
   Delta jumper, page 140
   Star point jumper, page 140
   Step-down jumper, page 67
   Adjacent jumper for continuous commoning, page 139
   Push-in type wire jumper, page 140
   TOPJOB®S connector, page 134
   TOPJOB®S L-type test plug module, page 136
   Marker carrier, page 145



Double-potential terminal block with double marker slot centered on terminal block
gray 2002-1441
Packing unit: 100 pcs

Notice: This double-potential terminal block cannot be commoned with push-in type jumper bars!

Double-potential terminal blocks are space savers. Two independent feedthrough circuits are placed in one insulated housing on one level in just 5.2 mm/0.205 in. This achieves a width of just 2.6 mm/0.103 in versus standard through terminal blocks.
Input and output contacts of one circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.

For technical data and accessories, see www.wagocatalog.com

2002 Series Accessories

Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)

Staggered jumper, 6
insulated, I_N 25 A, light gray

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

Customized staggered jumper,
insulated, I_N 25 A, light gray

1-3	**2002-473/011-000**	100 (4x25)
1-3-5	**2002-475/011-000**	
1-3-5-7	**2002-477/011-000**	
1-3-5-7-9	**2002-479/011-000**	
1-3-5-7-9-11	**2002-481/011-000**	50 (2x25)

Delta jumper, insulated, 6
I_N = I_N terminal block, light gray

1-2 3-4 5-6	**2002-406/020-000**	100 (4x25)

Star point jumper, insulated, 6
I_N = I_N terminal block, light gray

1-3-5	**2002-405/011-000**	100 (4x25)

Step-down jumper, insulated, 6
I_N 32 A, light gray **2006-499** 50 (2x25)

Adjacent jumper for continuous commoning, 6
insulated, I_N 25 A, light gray
2-way **2002-400** 100 (4x25)

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

Push-in type wire jumper, 6
insulated, I_N 16 A, wire size 1.5 mm²

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

Modular TOPJOB®S connector, 6
can be snapped together, for jumper contact slot
gray **2002-511** 100 (4x25)

Spacer module, can be snapped together,
e.g., for bridging commoned terminal blocks
gray **2002-549** 100 (4x25)

End plate,
for modular TOPJOB®S connectors, 1.5 mm thick
gray **2002-541** 100 (4x25)

Test plug adapter,
for test plug 4 mm Ø
gray **2009-174** 100 (4x25)

Testing tap,
for max. 2.5 mm²
gray **2009-182** 100 (4x25)

TOPJOB®S test plug module, 6
can be snapped together
gray **2002-611** 100 (4x25)

TOPJOB®S spacer, can be snapped together,
e.g., for bridging commoned terminal blocks
gray **2002-649** 100 (4x25)

End plate, for modular TOPJOB®S test plugs,
1.5 mm thick
gray **2002-641** 100 (4x25)

Marker carrier, 6
for jumper slots 2002 Series, 5 mm wide
gray **2002-161** 100 (4x25)

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

TOPJOB®S
Through/Ground Conductor/Shield and Ex Terminal Blocks
2.5 (4) mm², 2002 Series

CAGE CLAMP®S

0.25 - 2.5 (4) mm² ❶	AWG 22 - 12
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A)	600 V, 20 A

Terminal block width 5.2 mm / 0.205 in
10 - 12 mm / 0.43 in ❸



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

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❸ Strip length, see packaging or instructions.

❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
550 V, 22 A
Jumper 20 A
(also see Section 14)

❻ See application notes for:
Ex e/Ex i separator plate, page 52
Colored push-in type jumper bars, page 139
Staggered jumper, page 141
Delta jumper, page 140
Star point jumper, page 140
Adjacent jumper for continuous commoning, page 139
Push-in type wire jumper, page 140
TOPJOB®S connector, page 134
TOPJOB®S L-type test plug module, page 136
Marker carrier, page 145

	Item No.	Pack. Unit
3-conductor through terminal block		
gray	**2002-6301** ❺	100
blue	**2002-6304** ❹ ❺	100
orange	**2002-6302** ❺	100
red	**2002-6303** ❺	100
black	**2002-6305** ❺	100
yellow	**2002-6306** ❺	100
3-conductor ground terminal block		
green-yellow	**2002-6307** ❺	100
3-conductor shield terminal block		
white	**2002-6308**	100

2002 Series Accessories

End and intermediate plate, 0.8 mm thick



orange	**2002-6392**	100 (4x25)
gray	**2002-6391**	100 (4x25)

Ex e/Ex i separator, orange, ❻



3 mm thick		
120 mm	**209-191**	50 (2x25)

Insulation stop,



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

Insulation stop,



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

Push-in type jumper bar, insulated, ❻



I_N 25 A,		
light gray		
2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Adjacent jumper for continuous commoning, ❻



insulated, I_N 25 A,		
light gray		
2-way	**2002-400**	100 (4x25)

2002 Series Accessories

Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)

Push-in type jumper bar, insulated,



I_N 25 A,		
light gray		
from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Delta jumper, insulated, ❻



I_N = I_N terminal block, light gray		
1-2 3-4 5-6	**2002-406/020-000**	
		100 (4x25)

Star point jumper, insulated, ❻



I_N = I_N terminal block, light gray		
1-3-5	**2002-405/011-000**	
		100 (4x25)

Staggered jumper, ❻



insulated,		
I_N 25 A,		
light gray		
2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Customized staggered jumper,



insulated,		
I_N 25 A,		
light gray		
1-3	**2002-473/011-000**	
		100 (4x25)
1-3-5	**2002-475/011-000**	
1-3-5-7	**2002-477/011-000**	
1-3-5-7-9	**2002-479/011-000**	
1-3-5-7-9-11	**2002-481/011-000**	
		50 (2x25)

Push-in type wire jumper, ❻



insulated,		
I_N 16 A,		
wire size 1.5 mm²		
L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

Protective warning marker,



with high-voltage symbol, black,		
for 5 terminal blocks		
yellow	**2002-115**	100 (4x25)

Modular TOPJOB®S connector, ❻



can be snapped together,		
for jumper contact slot		
gray	**2002-511**	100 (4x25)

TOPJOB®S L-test plug module, ❻



can be snapped together		
gray	**2002-611**	100 (4x25)

Test plug adapter,



for test plug 4 mm Ø		
gray	**2009-174**	100 (4x25)

Testing tap,



for max. 2.5 mm²		
gray	**2009-182**	100 (4x25)

WMB Inline, plain,



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

WMB Multi marking system,

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

Marking strip, plain,



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

TOPJOB®S group marker carrier,



snap-on type for jumper slot,		
5 mm wide		
gray	**2009-191**	50 (2x25)

Marker carrier, ❻



for jumper slots 2002 Series,		
5 mm wide		
gray	**2002-161**	100 (4x25)

For list of approvals and user guide, see pages 634 to 637.

TOPJOB®S
Through/Ground Conductor and Ex Terminal Blocks 2.5 (4) mm²
2002 Series

CAGE CLAMP®S

0.25 - 2.5 (4) mm² ❶	AWG 22 - 12
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A)	600 V, 20 A

Terminal block width 5.2 mm / 0.205 in
10 - 12 mm / 0.43 in ❸



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

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❸ Strip length, see packaging or instructions.

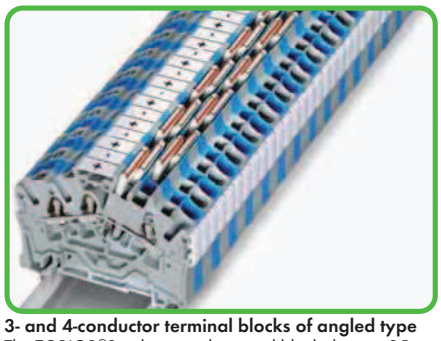
❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
550 V, 22 A
Jumper 20 A
(also see Section 14)

❻ See application notes for:
Ex e/Ex i separator plate, page 52

	Item No.	Pack. Unit
4-conductor through terminal block		
gray Ex	**2002-6401** ❺	100
blue Ex	**2002-6404** ❹ ❺	100
orange Ex	**2002-6402** ❺	100
red Ex	**2002-6403** ❺	100
black Ex	**2002-6405** ❺	100
yellow Ex	**2002-6406** ❺	100
4-conductor ground terminal block		
green-yellow Ex	**2002-6407** ❺	100

Notice:
These terminal blocks cannot be commoned with push-in type jumper bars.



3- and 4-conductor terminal blocks of angled type
The TOPJOB®S rail-mounted terminal blocks have a 35-degree conductor entry angle permitting a very small bend radius and an extremely short wiring distance to the cable duct. For applications in switchgear and control cabinets using the LSC wiring system from Lütze, e.g., these terminal blocks are a space- and cost-saving solution. This allows the cable duct to be placed very close to the terminal blocks, keeping its height relatively low.

2002 Series Accessories

Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)

End and intermediate plate, 0.8 mm thick



orange	**2002-6392**	100 (4x25)
gray	**2002-6391**	100 (4x25)

Ex e/Ex i separator, orange,



3 mm thick

120 mm	**209-191**	50 (2x25)

Insulation stop,



5 pcs/strip,
0.25 - 0.5 mm²

light gray	**2002-171**	200 (8x25)

Insulation stop,



5 pcs/strip,
0.75 - 1 mm²

dark gray	**2002-172**	200 (8x25)

Protective warning marker,



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

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

WMB Inline, plain,



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

white	**2009-115**	1

Marking strip, plain,



11 mm wide,
50 m roll

white	**2009-110**	1

WMB Multi marking system,

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

plain	**793-5501**	5

WMB Multi marking system, plain,



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

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

Screwless end stop,



for DIN 35 rail,
6 mm wide

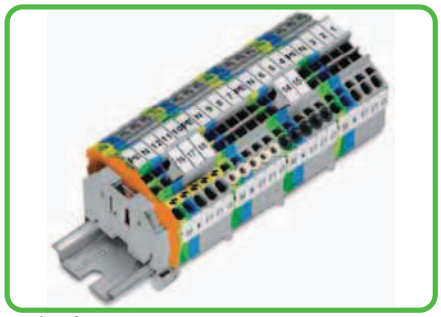
gray	**249-116**	100 (4x25)

Screwless end stop,



for DIN 35 rail,
10 mm wide

gray	**249-117**	50 (2x25)



Product features:
- CAGE CLAMP®S connection for all conductor types, with the additional benefit of stripped solid wires and fine-stranded ferruled wires being simply pushed in
- Vibration-proof, fast, maintenance-free terminations
- 3-conductor through and ground conductor terminal blocks equipped with a dual jumper slot
- 4-conductor terminal blocks permit potential multiplication – no additional jumpers or terminal blocks needed
- 3- and 4-conductor terminal blocks have **the same dimensions**

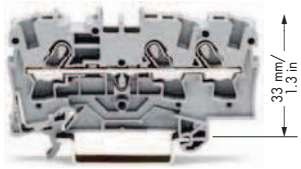
An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block and vice versa.
Also see page 53.

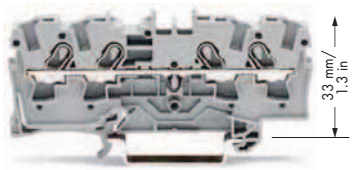
For list of approvals and user guide, see pages 634 to 637.

TOPJOB®S
Through/Ground Conductor/Shield and Ex Terminal Blocks 4 (6) mm²
2004 Series

0.5 - 4 (6) mm² ❶ 800 V/8 kV/3 ❷ I_N 32 A (41 A)	AWG 20 - 10 600 V, 30 A 600 V, 30 A	Terminal block width 6.2 mm / 0.244 in 11 - 13 mm / 0.47 in ❸
0.5 - 4 (6) mm² ❶ 800 V/8 kV/3 ❷ I_N 32 A (41 A)	AWG 20 - 10 600 V, 30 A 600 V, 30 A	Terminal block width 6.2 mm / 0.244 in 11 - 13 mm / 0.47 in ❸
0.5 - 4 (6) mm² ❶ 800 V/8 kV/3 ❷ I_N 32 A (41 A)	AWG 20 - 10 600 V, 30 A 600 V, 30 A	Terminal block width 6.2 mm / 0.244 in 11 - 13 mm / 0.47 in ❸







Item No.		Pack. Unit
2-conductor through terminal block		
gray	**2004-1201** ❺	50
blue	**2004-1204** ❹ ❺	50
orange	**2004-1202** ❺	50
red	**2004-1203** ❺	50
black	**2004-1205** ❺	50
yellow	**2004-1206** ❺	50
2-conductor ground terminal block		
green-yellow	**2004-1207** ❺	50
Other terminal blocks with the same profile:		
Diode	**2004-1211/1000-401** Page 122	

Item No.		Pack. Unit
3-conductor through terminal block		
gray	**2004-1301** ❺	50
blue	**2004-1304** ❹ ❺	50
orange	**2004-1302** ❺	50
red	**2004-1303** ❺	50
black	**2004-1305** ❺	50
yellow	**2004-1306** ❺	50
3-conductor ground terminal block		
green-yellow	**2004-1307** ❺	50
Other terminal blocks with the same profile:		
Diode	**2004-1311/1000-401** Page 122	

Item No.		Pack. Unit
4-conductor through terminal block		
gray	**2004-1401** ❺	50
blue	**2004-1404** ❹ ❺	50
orange	**2004-1402** ❺	50
red	**2004-1403** ❺	50
black	**2004-1405** ❺	50
yellow	**2004-1406** ❺	50
4-conductor ground terminal block		
green-yellow	**2004-1407** ❺	50
4-conductor shield terminal block		
white	**2004-1408**	50
Other terminal blocks with the same profile:		
Diode	**2004-1411/1000-401** Page 122	

Item-Specific Accessories

End and intermediate plate, 1 mm thick			
	orange	**2004-1292**	100 (4x25)
	gray	**2004-1291**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2004-1294**	100 (4x25)
	gray	**2004-1293**	100 (4x25)
Ex e/Ex i separator, orange,			
❻ 3 mm thick			
	90 mm	**209-190**	50 (2x25)
	120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick			
	orange	**2004-1392**	100 (4x25)
	gray	**2004-1391**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2004-1394**	100 (4x25)
	gray	**2004-1393**	100 (4x25)
Ex e/Ex i separator, orange,			
❻ 3 mm thick			
	120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick			
	orange	**2004-1492**	100 (4x25)
	gray	**2004-1491**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2004-1494**	100 (4x25)
	gray	**2004-1493**	100 (4x25)
Ex e/Ex i separator, orange,			
❻ 3 mm thick			
	120 mm	**209-191**	50 (2x25)

2004 Series Accessories

Appropriate marking systems: WMB/Marking strips
(see Section 13)

Insulation stop,			
	5 pcs/strip,		
	0.25 - 0.5 mm²		
	light gray	**2004-171**	200 (8x25)
Push-in type jumper bar, insulated,			
	I_N 32 A,		
	light gray		
	2-way	**2004-402**	200 (8x25)
	3-way	**2004-403**	200 (8x25)
	4-way	**2004-404**	100 (4x25)
	5-way	**2004-405**	100 (4x25)
	6-way	**2004-406**	100 (4x25)
	7-way	**2004-407**	100 (4x25)
	8-way	**2004-408**	100 (4x25)
	9-way	**2004-409**	100 (4x25)
	10-way	**2004-410**	100 (4x25)

Insulation stop,			
	5 pcs/strip,		
	0.75 - 1 mm²		
	dark gray	**2004-172**	200 (8x25)
Push-in type jumper bar, insulated,			
	I_N 32 A,		
	light gray		
	from 1 to 3	**2004-433**	200 (8x25)
	from 1 to 4	**2004-434**	200 (8x25)
	from 1 to 5	**2004-435**	100 (4x25)
	from 1 to 6	**2004-436**	100 (4x25)
	from 1 to 7	**2004-437**	100 (4x25)
	from 1 to 8	**2004-438**	100 (4x25)
	from 1 to 9	**2004-439**	100 (4x25)
	from 1 to 10	**2004-440**	100 (4x25)

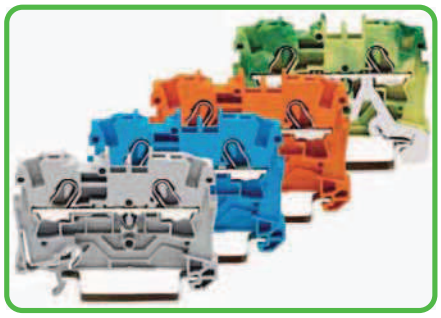
Delta jumper, insulated,			
❻	I_N = I_N terminal block, light gray		
	1-2 3-4 5-6	**2004-406/020-000**	
			100 (4x25)
Star point jumper, insulated,			
❻	I_N = I_N terminal block, light gray		
	1-3-5	**2004-405/011-000**	
			100 (4x25)
Step-down jumper, insulated,			
❻	I_N 32 A		
	light gray	**2006-499**	50 (2x25)
Protective warning marker,			
	with high-voltage symbol, black,		
	for 5 terminal blocks		
	yellow	**2004-115**	100 (4x25)

For list of approvals and user guide, see pages 634 to 637.

Terminal Blocks for Ex i or Ex e II Applications



Through terminal blocks with blue insulated housing are suitable for Ex i applications.



All through and ground conductor terminal blocks are suitable for Ex e II applications.

❶ Conductor sizes: 0.5 mm² – 6 mm² "s + f-st"; Push-in conductor sizes: 1 mm² – 6 mm² "s" and 0.75 mm² – 4 mm² "insulated ferrule, 12 mm"

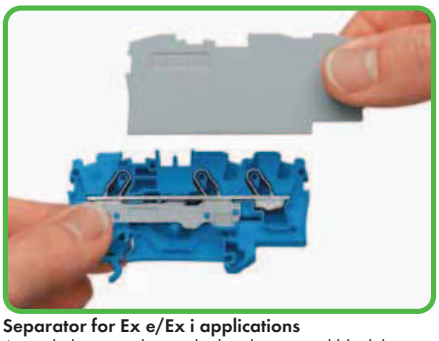
❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❸ Strip length, see packaging or instructions.

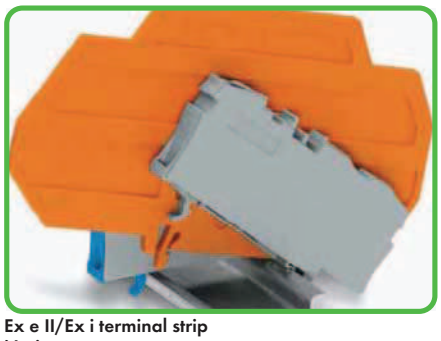
❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
550 V, 30 A
(also see Section 14)

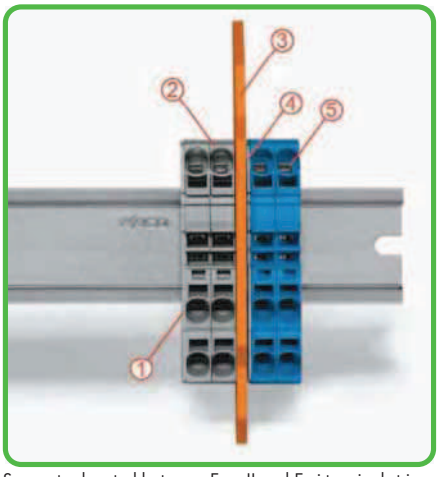
❻ See application notes for:
Ex e/Ex i separator plate, page 52
Step-down jumper, page 67
Star point jumper, page 140
Delta jumper, page 140
Banana plug, page 198
TOPJOB®S connector, page 134



Separator for Ex e/Ex i applications
An end plate must be applied to the terminal block located directly behind an Ex e/Ex i separator plate.



Ex e II/Ex i terminal strip
Notice:
The movable feet of terminal blocks and separator plate must face the same direction.



Separator located between Ex e II and Ex i terminal strip
① End plate
② Ex e II terminal blocks
③ Ex e/Ex i separator plate
④ End plate
⑤ Ex i terminal blocks

2004 Series Accessories

Modular TOPJOB®S connector, ❻	can be snapped together, for jumper contact slot		
	gray	**2004-511**	100 (4x25)
Spacer module, can be snapped together,	e.g., for bridging commoned terminal blocks		
	gray	**2004-549**	100 (4x25)
End plate,	for modular TOPJOB®S connectors, 1.5 mm thick		
	gray	**2004-541**	100 (4x25)
Test plug adapter,	for test plug 4 mm Ø		
	gray	**2009-174**	100 (4x25)
Banana plug, ❻	for socket 4 mm Ø, color mixed		
		215-111	50
Testing tap,	for max. 2.5 mm²		
	gray	**2009-182**	100 (4x25)
Test plug,	with 500 mm cable, 2 mm Ø		
	red	**210-136**	50
Test plug,	with 500 mm cable, 2.3 mm Ø		
	yellow	**210-137**	50
WMB Multi marking system,	10 strips with 10 markers per card, stretchable 5 - 5.2 mm		
	plain	**793-5501**	5
Marking strip, plain,	11 mm wide, 50 m roll		
	white	**2009-110**	1
TOPJOB®S group marker carrier,	snap-on type for jumper slot, 5 mm wide		
	gray	**2009-191**	50 (2x25)
Screwless end stop,	for DIN 35 rail, 6 mm wide		
	gray	**249-116**	100 (4x25)

TOPJOB®S
Through/Ground Conductor and Ex Terminal Blocks 6 (10) mm²
2006 Series

CAGE CLAMP®S

0.5 - 6 (10) mm² ❶	AWG 20 - 8
800 V/8 kV/3 ❷	600 V, 50 A
I_N 41 A (57 A)	600 V, 50 A
Terminal block width 7.5 mm / 0.295 in	
13 - 15 mm / 0.55 in ❸	

0.5 - 6 (10) mm² ❶	AWG 20 - 8
800 V/8 kV/3 ❷	600 V, 50 A
I_N 41 A (57 A)	600 V, 50 A
Terminal block width 7.5 mm / 0.295 in	
13 - 15 mm / 0.55 in ❸	

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

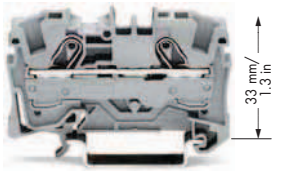
❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❸ Strip length, see packaging or instructions.

❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
550 V, 38 A for 2-conductor terminal blocks
550 V, 36 A for 3-conductor terminal blocks
Jumper 33 A
(also see Section 14)

❻ See application notes for:
Ex e/Ex i separator plate, page 52
Step-down jumper, page 67
Star point jumper, page 140
Banana plug, page 198
TOPJOB®S connector, page 136





	Item No.	Pack. Unit
2-conductor through terminal block		
gray	**2006-1201** ❺	50
blue	**2006-1204** ❹ ❺	50
orange	**2006-1202** ❺	50
2-conductor ground terminal block		
green-yellow	**2006-1207** ❺	50

	Item No.	Pack. Unit
3-conductor through terminal block		
gray	**2006-1301** ❺	25
blue	**2006-1304** ❹ ❺	25
orange	**2006-1302** ❺	25
3-conductor ground terminal block		
green-yellow	**2006-1307** ❺	25

Item-Specific Accessories

End and intermediate plate, 1 mm thick			
	orange	**2006-1292**	100 (4x25)
	gray	**2006-1291**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2006-1294**	100 (4x25)
	gray	**2006-1293**	100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick			
	orange	**2006-1392**	100 (4x25)
	gray	**2006-1391**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2006-1394**	100 (4x25)
	gray	**2006-1393**	100 (4x25)

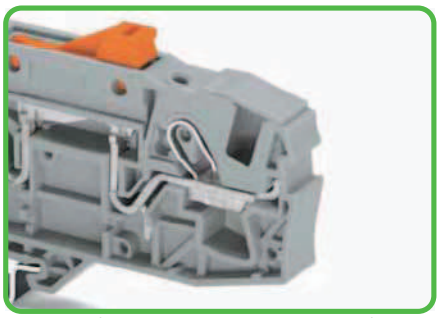
2006 Series Accessories

Appropriate marking systems: WMB/Marking strips
(see Section 13)

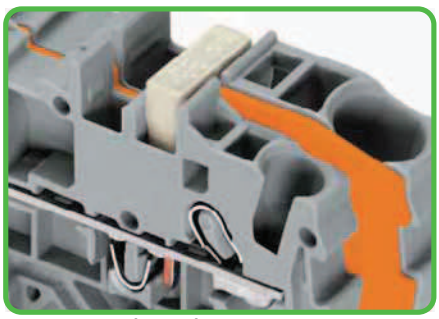
Ex e/Ex i separator, orange,			
❻	3 mm thick		
	120 mm	**209-191**	50 (2x25)
Push-in type jumper bar, insulated,			
	I_N 41 A,		
	light gray		
	2-way	**2006-402**	50 (2x25)
	3-way	**2006-403**	50 (2x25)
	4-way	**2006-404**	50 (2x25)
	5-way	**2006-405**	50 (2x25)
Push-in type jumper bar, insulated,			
	I_N 41 A,		
	light gray		
	from 1 to 3	**2006-433**	50 (2x25)
	from 1 to 4	**2006-434**	50 (2x25)
	from 1 to 5	**2006-435**	50 (2x25)
Star point jumper, insulated,			
❻	I_N = I_N terminal block, light gray		
	1-3-5	**2006-405/011-000**	
			50 (2x25)
Step-down jumper, insulated,			
❻	I_N 32 A		
	light gray	**2006-499**	50 (2x25)

Protective warning marker,			
	with high-voltage symbol, black,		
	for 5 terminal blocks		
	yellow	**2006-115**	100 (4x25)
Lockout cap,			
	for conductor entry hole and operating slot		
	gray	**2006-191**	25
Modular TOPJOB®S connector,			
❻	can be snapped together,		
	for jumper contact slot		
	gray	**2006-511**	50 (2x25)
Test plug adapter,			
	for test plug 4 mm Ø		
	gray	**2009-174**	100 (4x25)
Testing tap,			
	for max. 2.5 mm²		
	gray	**2009-182**	100 (4x25)
Banana plug,			
❻	for socket 4 mm Ø,		
	color mixed		
		215-111	50
WMB Multi marking system,			
	10 strips with 10 markers per card,		
	stretchable 5 - 5.2 mm		
	plain	**793-5501**	5

For list of approvals and user guide, see pages 634 to 637.



Lockout cap for covering unused clamping units of 2006 Series TOPJOB®S terminal blocks.



Commoning with step-down jumpers
An end plate must be inserted between the terminal blocks to be jumpered. Step-down jumper 2006-499 commons 6/4 mm² (AWG 10/12) terminal blocks with 4/2.5/1.5 mm² (AWG 12/14/16) terminal blocks. Step-down jumpers are simply pushed down for full insertion, similar to other push-in type jumper bars.

Note:
The total current flowing shall not exceed the rating of the step-down jumper/push-in type jumper bar.