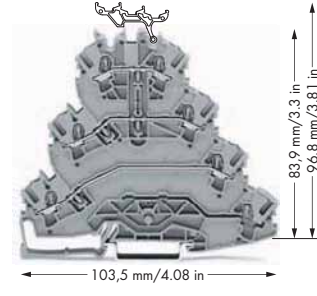
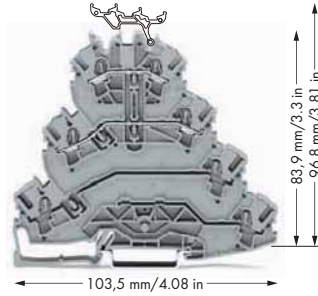
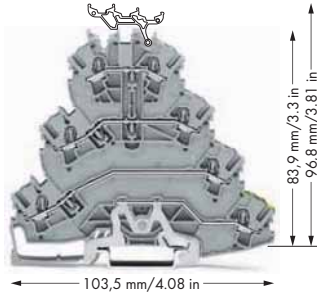


Quadruple-Deck, Rail-Mounted Terminal Blocks or Rail-Mounted Terminal Blocks for Wiring of Electric Motors, 2002 Series

| | | |
|--|--|--|
| <p>0.25 - 2.5 (4) mm² ① AWG 22 - 12 800 V/8 kV/3 ② I_N 20 A (25 A)</p> <p>Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③</p> | <p>0.25 - 2.5 (4) mm² ① AWG 22 - 12 800 V/8 kV/3 ② I_N 20 A (25 A)</p> <p>Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③</p> | <p>0.25 - 2.5 (4) mm² ① AWG 22 - 12 800 V/8 kV/3 ② I_N 20 A (25 A)</p> <p>Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③</p> |
|--|--|--|



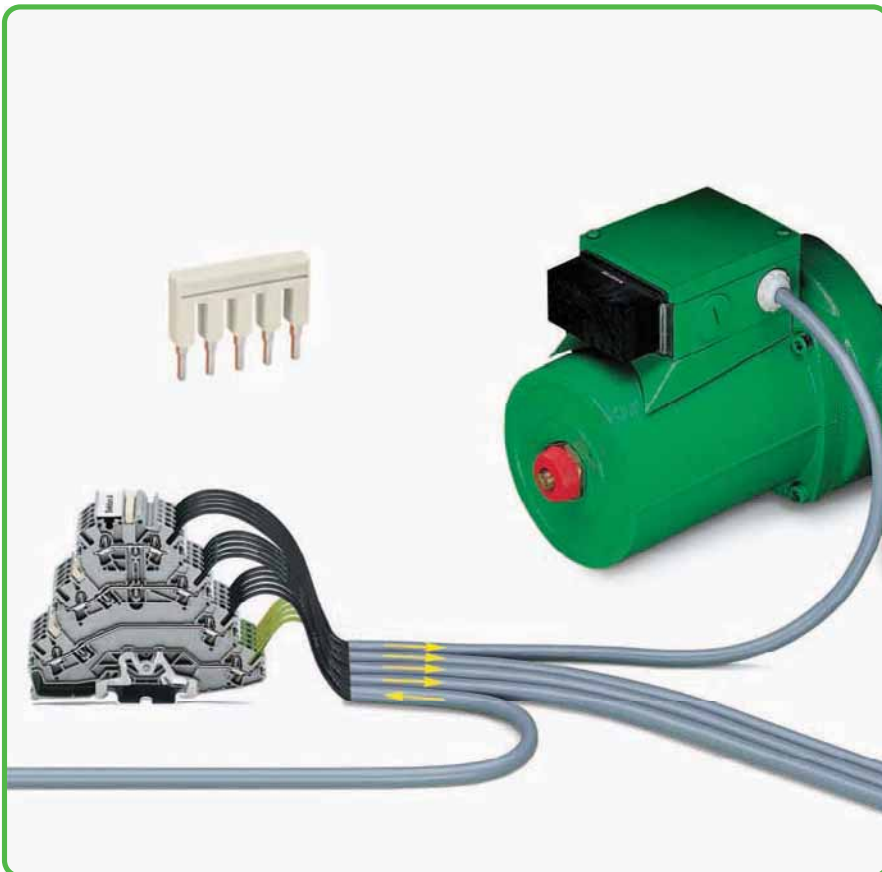
| Item No. | Pack. Unit | Item No. | Pack. Unit | Item No. | Pack. Unit |
|--|------------|--|------------|---|------------|
| Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, without marker carrier, gray ● L1 - L2 - L3 - PE 2002-4127 25 | | Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, without marker carrier, gray ● L1 - L2 2002-4111 25 | | Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, without marker carrier, gray ● L1 - L2 - L3 2002-4101 25 | |
| Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, with marker carrier, gray ● L1 - L2 - L3 - PE 2002-4157 25 | | Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, with marker carrier, gray ● L1 - L2 2002-4141 25 | | Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, with marker carrier, gray ● L1 - L2 - L3 2002-4131 25 | |

2002 Series Accessories

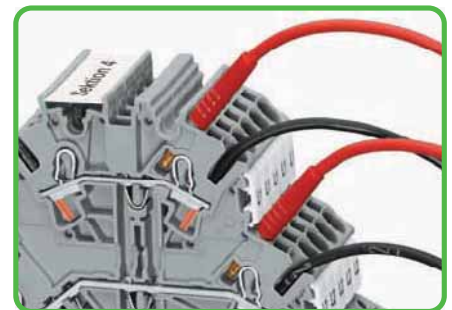
Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)

| | | |
|--|---|---|
| <p>End and intermediate plate, 1 mm thick orange 2002-4192 100 (4x25) gray 2002-4191 100 (4x25)</p> | <p>Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks yellow 2002-115 100 (4x25)</p> | <p>Staggered jumper, ④ 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)</p> |
| <p>Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm² light gray 2002-171 200 (8x25)</p> | <p>Lockout cap, for conductor entry hole and operating slot orange 2002-192 25 gray 2002-191 25 blue 2002-194 25</p> | <p>Push-in type wire jumper, ④ 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)</p> |
| <p>Insulation stop, 5 pcs/strip, 0.75 - 1 mm² dark gray 2002-172 200 (8x25)</p> | <p>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)</p> | <p>WMB Inline, plain, stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll white 2009-115 1</p> |
| <p>Star point jumper, insulated, ④ I_N = I_N terminal block, light gray 1-3-5 2002-405/011-000 100 (4x25)</p> | <p>Adjacent jumper for continuous commoning, ④ insulated, I_N 25 A, light gray 2-way 2002-400 100 (4x25)</p> | <p>Marking strip, plain, 11 mm wide, 50 m roll white 2009-110 1</p> |
| <p>Delta jumper, insulated, ④ I_N = I_N terminal block, light gray 1-2 3-4 5-6 2002-406/020-000 100 (4x25)</p> | <p>Triple-deck marker carrier, pivoting gray 2002-131 50 (2x25)</p> | |

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



- 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
(see Section 14)
- ❸ Strip length, see packaging or instructions.
- ❹ See application notes for:
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



Testing with test plug 2 mm Ø.

In addition to rail-mounted terminal blocks for electric motor wiring, new versions are now available.

- Terminal block **without** ground contact and only 2 potentials.

Especially for additional functions such as engine brakes or temperature probes. Having the same shape, this type can be put next to the appropriate terminal block for electric motor wiring without using intermediate plates.

That makes the rail assembly clearer and wiring is easier. This also prevents wiring errors as no conductor entry is unused.

- Terminal block **without** ground contact and with only 3 potentials.

Clearly designated clamping units is the primary advantage to this terminal block design. When using devices with protective insulation for example, there are no open ground clamping units that could create confusion.



Lockout cap for conductor entry hole and operating slot

Locking out conductor entry holes and operating slots to create spacer housings for rail-mounted terminal blocks for electric motor wiring.



Compact design:

3 phases and ground conductor in one terminal block.



Marking clamping units with WMB Multi marking system (see Section 13).

Group marking with marking strips.