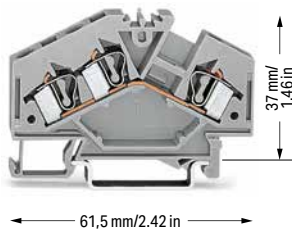


Technical Data

| | |
|---|---------------|
| 0.08 ... 4 mm ² | 28 ... 12 AWG |
| 800 V/8 kV/3 ① | 600 V, 20 A ② |
| I _N 32 A | 600 V, 25 A ③ |
| Terminal block width: 6 mm / 0.236 inch | |
| 9 ... 10 mm / 0.35 ... 0.39 inch | |



3-conductor through terminal block

| Color | Item No. | Pack. Unit |
|--------------|-----------|------------|
| gray | 281-631 | 100 |
| blue | 281-651 ② | 100 |
| light gray ③ | 281-998 ③ | 100 |

3-conductor ground terminal block

| | | |
|----------------|-------------------|-----|
| green-yellow | 281-637 | 100 |
| green-yellow ③ | 281-637/999-950 ③ | 100 |

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

| | | |
|------------|---------|----------|
| orange | 281-313 | 100 (25) |
| gray | 281-312 | 100 (25) |
| light gray | 281-357 | 100 (25) |

Separator; oversized; 2 mm thick

| | | |
|------------|---------|----------|
| orange | 281-318 | 100 (25) |
| gray | 281-348 | 100 (25) |
| light gray | 281-358 | 100 (25) |

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

| | | |
|--------|---------|----------|
| yellow | 281-415 | 100 (25) |
|--------|---------|----------|



① 800 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 ... 4 mm² / 24 ... 12 AWG
550 V; 30 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; 281 Series

Appropriate marking systems:
WMB/WMB Inline/WFB

Adjacent jumper; insulated; I_N = I_N terminal block

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

Alternate jumper, insulated; I_N = I_N terminal block

| | | |
|------|---------|----------|
| gray | 281-409 | 100 (25) |
|------|---------|----------|

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) |

Step-down jumper; insulated; commons 10/6 mm² (8/10 AWG) down to 6/4 mm² (10/12 AWG); I_N 30 A

| | | |
|------|---------|---------|
| gray | 284-413 | 50 (25) |
|------|---------|---------|

Cover plate; 1 mm thick; for 2-, 3- and 4-conductor terminal blocks

| | | |
|--------|---------|----------|
| gray | 284-334 | 100 (25) |
| orange | 284-344 | 100 (25) |

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) |
|-------|---------|----------|

Operating tool; insulated

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

Accessories; 281 Series

Appropriate marking systems:
WMB/WMB Inline/WFB

Test plug module; snaps together; 5 mm wide

| | | |
|------|---------|----------|
| gray | 281-418 | 100 (25) |
|------|---------|----------|

Spacer module; snaps together; 5 mm wide

| | | |
|------|---------|----------|
| gray | 281-419 | 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) |
|---------------------|---------|----------|

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

| | | |
|-----|---------|----|
| red | 210-136 | 50 |
|-----|---------|----|

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

| | | |
|--------|---------|----|
| yellow | 210-137 | 50 |
|--------|---------|----|

WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable

| | | |
|-------|----------|---|
| white | 2009-115 | 1 |
|-------|----------|---|

WMB marking card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm

| | | |
|-------|----------|---|
| plain | 793-5501 | 5 |
|-------|----------|---|

WMB marking card; plain; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm

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

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

| | | |
|------|---------|----------|
| gray | 249-116 | 100 (25) |
|------|---------|----------|

