

**2-conductor diode terminal block; with diode 1N5408**

Item No.: 281-603/281-400



2-conductor diode terminal block; with diode 1N5408

**Marking**RoHS ✓  
Compliant**Business data**

|                      |                 |
|----------------------|-----------------|
| Supplier             | WAGO            |
| Item no.             | 281-603/281-400 |
| EAN                  | 4045454196912   |
| Content              | 1               |
| Order amount         | 50              |
| Customer item number |                 |

**Notes****Technical data****Miscellaneous**

|                                   |             |
|-----------------------------------|-------------|
| Total number of connection points | 2           |
| Total number of potentials        | 1           |
| Color                             | gray        |
| Nominal current [A]               | 1.5 [A]     |
| Nominal voltage [V]               | 250 [V]     |
| Reverse voltage [V]               | 1000 [V]    |
| Connection technology (1)         | CAGE CLAMP® |
| Cross section from (1) [mm²]      | 0.08 [mm²]  |
| Cross section up to (1) [mm²]     | 4 [mm²]     |
| Cross section from (1) [AWG]      | 28 [AWG]    |

| Technical data                 |                    |
|--------------------------------|--------------------|
| Cross section up to (1) [AWG]  | 12 [AWG]           |
| Stripped length from (1) [mm]  | 9 [mm]             |
| Stripped length up to (1) [mm] | 10 [mm]            |
| Stripped length (1) [in]       | 0.37 [in]          |
| Type of wiring                 | Front-entry wiring |
| Design                         | horizontal         |
| Marking level                  | Side marking       |
| Fire load [MJ]                 | 0.13 [MJ]          |
| Weight [g]                     | 7.69 [g]           |
| Width [mm]                     | 6 [mm]             |
| Width [in]                     | 0.236 [in]         |
| Height [mm]                    | 29 [mm]            |
| Height [in]                    | 1.142 [in]         |
| Length [mm]                    | 53 [mm]            |
| Length [in]                    | 2.087 [in]         |
| Type of mounting               | DIN 35 rail        |

| Approbation     |              |                   |             |             |                          |
|-----------------|--------------|-------------------|-------------|-------------|--------------------------|
| Item No.        | Registration | Registration no.  | Voltage [V] | Current [A] | Cross section [mm², AWG] |
| 281-603/281-400 | ABS          | 05-HG476175/3-PDA | 250         |             | 4,0                      |
| 281-603/281-400 | CCA          | NTR NL-7083       | 250         | 16          | 0.08-4.00                |
| 281-603/281-400 | CCA          | NL5591/1          | 250         | 24          | 4                        |
| 281-603/281-400 | DNV          | E-10423           | 800         | 32          | 4,0                      |
| 281-603/281-400 | KEMA         | 2076376.01        | 250         | 24          | 4                        |
| 281-603/281-400 | LR           | 91/20112(E6)      | 250         |             | 4,0                      |
| 281-603/281-400 | PRS          | TE/1718/880590/08 | 250         | 24          | 4                        |
| 281-603/281-400 | RMR          | 11130002          | 250         |             | 4,0                      |

## Accessories

## Accessories

### Insulation stop

| Item no. | Description                                                                                   | Pack. unit (Sub Pack) |
|----------|-----------------------------------------------------------------------------------------------|-----------------------|
| 281-470  | Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip | 25                    |
| 281-471  | Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip                                  | 25                    |
| 281-472  | Insulation stop; 0.75 - 1.5 mm <sup>2</sup> ; 5 pieces/strip                                  | 25                    |

### Push-in type wire jumper

| Item no. | Description                                                                                           | Pack. unit (Sub Pack) |
|----------|-------------------------------------------------------------------------------------------------------|-----------------------|
| 210-103  | Wire commoning chain; insulated; 50 connections                                                       | 1                     |
| 210-123  | Wire commoning chain; insulated; 50 connections                                                       | 1                     |
| 249-123  | Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm <sup>2</sup> | 10                    |
| 249-125  | Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm <sup>2</sup>  | 10                    |
| 249-126  | Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm <sup>2</sup> | 10                    |
| 249-127  | Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm <sup>2</sup> | 10                    |
| 709-110  | Wire commoning chain; insulated; 4 connections; 3 x 110 mm                                            | 1                     |
| 709-111  | Wire commoning chain; insulated; 3 connections; 2 x 120 mm                                            | 1                     |
| 709-112  | Wire commoning chain; insulated; 3 connections; 2 x 170 mm                                            | 1                     |

### Jumper

| Item no. | Description                                                               | Pack. unit (Sub Pack) |
|----------|---------------------------------------------------------------------------|-----------------------|
| 281-482  | Comb-style jumper bar; insulated; 2-way; IN = IN terminal block           | 25                    |
| 281-483  | Comb-style jumper bar; insulated; 3-way; IN = IN terminal block           | 25                    |
| 281-490  | Comb-style jumper bar; insulated; 10-way; IN = IN terminal block          | 25                    |
| 281-492  | Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block | 25                    |

### End plate

| Item no. | Description                            | Pack. unit (Sub Pack) |
|----------|----------------------------------------|-----------------------|
| 281-316  | End and intermediate plate; 3 mm thick | 25                    |
| 281-317  | End and intermediate plate; 3 mm thick | 25                    |
| 281-327  | Separator plate; 2 mm thick; oversized | 25                    |
| 281-337  | Separator plate; 2 mm thick; oversized | 25                    |

**Accessories***Carrier rail*

| Item no. | Description                                                                                              | Pack. unit (Sub Pack) |
|----------|----------------------------------------------------------------------------------------------------------|-----------------------|
| 210-112  | Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to en 60715; "Hole width 25 mm | 1                     |
| 210-113  | Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to en 60715                  | 1                     |
| 210-114  | Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; according to en 60715                 | 1                     |
| 210-115  | Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to en 60715; "Hole width 18 mm | 1                     |
| 210-118  | Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to en 60715                 | 1                     |
| 210-196  | Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; according to en 60715             | 1                     |
| 210-197  | Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; according to en 60715                   | 1                     |
| 210-198  | Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to en 60715                | 1                     |
| 210-504  | Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715        | 1                     |
| 210-505  | Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715      | 1                     |
| 210-506  | Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; ähnlich EN 60715          | 1                     |
| 210-508  | Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; ähnlich EN 60715            | 1                     |

**Accessories***Marking accessories*

| Item no.        | Description                                                                                               | Pack. unit (Sub Pack) |
|-----------------|-----------------------------------------------------------------------------------------------------------|-----------------------|
| 209-501         | WSB quick marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 209-501/000-002 | WSB quick marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 209-501/000-005 | WSB quick marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 209-501/000-006 | WSB quick marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 209-501/000-007 | WSB quick marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 209-501/000-012 | WSB quick marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 209-501/000-017 | WSB quick marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 209-501/000-023 | WSB quick marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 209-501/000-024 | WSB quick marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 793-501         | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 793-501/000-002 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 793-501/000-005 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 793-501/000-006 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 793-501/000-007 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 793-501/000-012 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 793-501/000-017 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |
| 793-501/000-023 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card | 5                     |

**Accessories**

|                  |                                                                                                                                   |   |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------|---|
| 793-501/000-024  | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; 10 strips with 10 markers per card                         | 5 |
| 793-5501         | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; 10 strips with 10 markers per card | 5 |
| 793-5501/000-002 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; 10 strips with 10 markers per card | 5 |
| 793-5501/000-005 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; 10 strips with 10 markers per card | 5 |
| 793-5501/000-006 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; 10 strips with 10 markers per card | 5 |
| 793-5501/000-007 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; 10 strips with 10 markers per card | 5 |
| 793-5501/000-012 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; 10 strips with 10 markers per card | 5 |
| 793-5501/000-017 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; 10 strips with 10 markers per card | 5 |
| 793-5501/000-023 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; 10 strips with 10 markers per card | 5 |
| 793-5501/000-024 | WMB Multi marking system; plain; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; 10 strips with 10 markers per card | 5 |

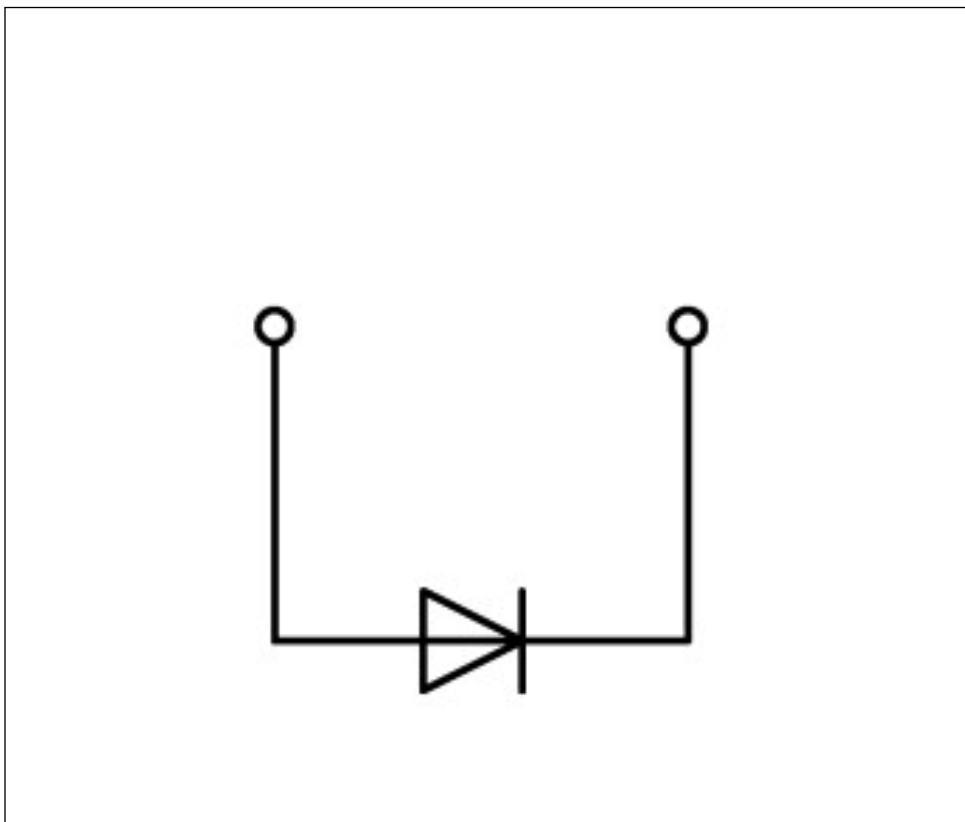
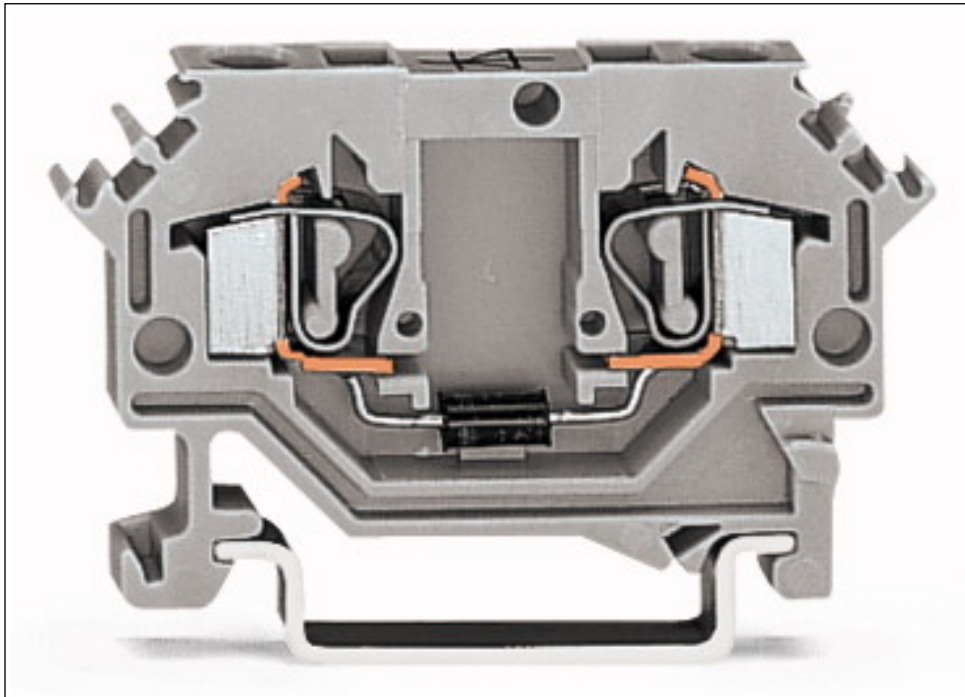
**Protective warning marker**

| Item no. | Description                                                                       | Pack. unit (Sub Pack) |
|----------|-----------------------------------------------------------------------------------|-----------------------|
| 281-415  | Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks | 25                    |

**Accessories***General accessory*

| Item no. | Description                                                                                                                                                                                                                         | Pack. unit (Sub Pack) |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 209-106  | Mounting carrier; for isolated mounting on DIN 35 rails                                                                                                                                                                             | 25                    |
| 209-130  | Operating tool; suitable for 264, 280 and 281 Series; 1-way; of insulating material                                                                                                                                                 | 1                     |
| 209-196  | Spare fixing/retaining screw; for cover                                                                                                                                                                                             | 25                    |
| 210-186  | Stickers for operating instructions; for front-entry rail-mounted terminal blocks; 279 to 285 Series                                                                                                                                | 100                   |
| 210-549  | Spare knurled nut; for cover                                                                                                                                                                                                        | 25                    |
| 210-657  | Operating tool with partially insulated shaft; blade (3.5 x 0.5) mm; short; suitable for 260, 261, 262, 264, 270, 280, 281, 869, 870 and 880 Series                                                                                 | 1                     |
| 210-658  | Operating tool with partially insulated shaft; blade (3.5 x 0.5) mm; short; angled; particularly suitable for 280 Series actuator and sensor terminal blocks and also for Series 260, 261, 262, 264, 280, 281, 869, 870, 880, 2002, | 1                     |
| 210-720  | Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm; suitable for 260, 261, 262, 264, 270, 280, 281, 290, 775, 776, 777, 769, 780, 781, 869, 870, 880, 2002, 2003, 2004, 2005 and 2022 Series               | 1                     |
| 249-130  | Syringe; Contents: 20 ml Alu-Plus contact paste                                                                                                                                                                                     | 5                     |
| 249-144  | L-type test plug module; modular; with spring-loaded contact pin; center module                                                                                                                                                     | 25                    |
| 249-145  | L-type end module; modular; with rigid contact pin; end module                                                                                                                                                                      | 25                    |
| 249-146  | L-type spacer module; modular; e.g., bridging commoned terminal blocks                                                                                                                                                              | 25                    |
| 280-432  | Operating tool; of insulating material; 2-way                                                                                                                                                                                       | 1                     |
| 280-433  | Operating tool; of insulating material; 3-way                                                                                                                                                                                       | 1                     |
| 281-440  | Operating tool; of insulating material; 5-way                                                                                                                                                                                       | 1                     |
| 709-153  | Cover; type 1; suitable for cover carrier, type 1; 1 m long                                                                                                                                                                         | 10                    |

## Images & drawings



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