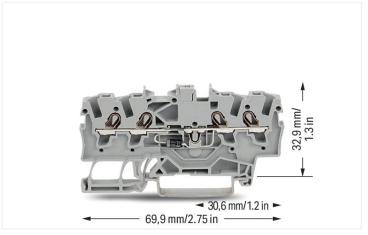
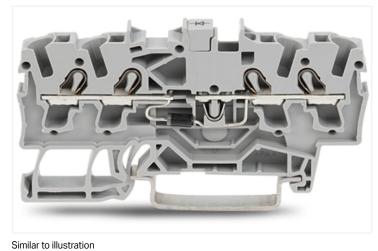
Component terminal block; 4-conductor; with diode 1N4007; anode, right side; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP<sup>®</sup>; 2,50 mm<sup>2</sup>; gray

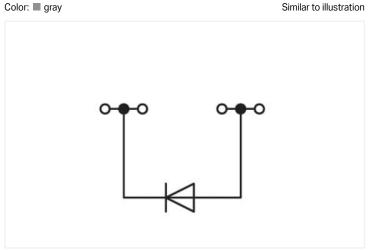


https://www.wago.com/2202-1411/1000-411





Similar to illustration



Similar to illustration 2002-1411/1000-411

# Electrical data

| General information       |        |
|---------------------------|--------|
| Nominal voltage           | 250 V  |
| Reverse voltage           | 1000 V |
| Continuous current (max.) | 500 mA |

# Connection data Clamping units Total number of potentials 1 Number of levels Number of jumper slots

| Connection 1   |                          |
|--|--------------------------|
| Connection technology                                      | Push-in CAGE CLAMP®      |
| Actuation type   | Push-button              |
| Connectable conductor materials                            | Copper                   |
| Nominal cross-section                                      | 2.5 mm <sup>2</sup>      |
| Solid conductor  | 0.25 4 mm² / 22 12 AWG   |
| Solid conductor; push-in termination                       | 0.75 4 mm² / 18 12 AWG   |
| Fine-stranded conductor                                    | 0.25 4 mm² / 22 12 AWG   |
| Fine-stranded conductor; with insulated ferrule            | 0.25 2.5 mm² / 22 14 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 1 2.5 mm² / 18 14 AWG    |

https://www.wago.com/2202-1411/1000-411



Connection 1

Note (conductor cross-section) Depending on the conductor characteri-

stic, a conductor with a smaller crosssection can also be inserted via push-in

termination.

Strip length 10 ... 12 mm / 0.39 ... 0.47 inches

Wiring direction Front-entry wiring

Physical data

 Width
 5.2 mm / 0.205 inches

 Height
 69.9 mm / 2.752 inches

 Depth from upper-edge of DIN-rail
 32.9 mm / 1.295 inches

Mechanical data

Mounting type DIN-35 rail

Marking level Center/side marking

Material data

Note (material data)

Information on material specifications can be found here

Color gray

Material group

Insulation material (main housing) Polyamide (PA66)

Flammability class per UL94 V0
Fire load 0.204 MJ
Weight 9.5 g

**Environmental requirements** 

Processing temperature -35 ... +85 °C

Continuous operating temperature -60 ... +105 °C

Commercial data

PU (SPU) 100 pcs
Packaging type Box
Country of origin DE

 GTIN
 4066966324372

 Customs tariff number
 85369010000

**Environmental Product Compliance** 

CAS-No. 7439-92-1

79-94-7

REACH Candidate List Substance 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol

Lead

RoHS Compliance Status Compliant, With Exemption

RoHS Exemption 7(a)

7(c)-I 7(c)-II

SCIP notification number (Austria) 3c691788-369b-43ec-b42f-5db17d60cdca

SCIP notification number (Belgium) 30942c14-b2f1-4cb9-9f64-8d4aee120c08 SCIP notification number (Czech Republic) 81b6ee72-0129-4f10-839f-0940827af361

SCIP notification number (Denmark) 8f0c93cb-2023-40cc-9703-dc9a0db84cbe
SCIP notification number (Finland) 48b74016-22e2-4316-ae13-3c7924abe61d

SCIP notification number (Germany) f1c6b127-08e5-42b7-bfda-923b9217902a SCIP notification number (Netherlands) b28cce8d-9cbc-4ad8-9a79-fc70245a885a

https://www.wago.com/2202-1411/1000-411



## **Environmental Product Compliance**

 SCIP notification number (Poland)
 6a8ca9e9-1a3a-413f-9679-ac9dd7b14be6

 SCIP notification number (Romania)
 172168fb-b497-4a03-8a41-e7bc49d31c90

SCIP notification number (Sweden) ddd423a4-1fd4-4d64-b5ae-c9cd2ce335d2

## **Downloads**

## **Environmental Product Compliance**

## Compliance Search

Environmental Product Compliance 2202-1411/1000-411



### **Documentation**

### Additional Information

Technical Section pdf 2246.92 KB

## 1 Compatible Products

## 1.1 Required Accessories

# 1.1.1 End plate

# 1.1.1.1 End plate





## Item No.: 2002-1491

End and intermediate plate; 0.8 mm thick; gray

## Item No.: 2002-1492

End and intermediate plate; 0.8 mm thick; orange

## 1.2 Optional Accessories

# 1.2.1 DIN-rail

## 1.2.1.1 Mounting accessories



thick; 2 m long; unslotted; similar to EN

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm



# Item No.: 210-198

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

# Item No.: 210-508

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

## Item No.: 210-197

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



# Item No.: 210-506

60715; silver-colored

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

# Item No.: 210-114

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

## Item No.: 210-118

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

## Item No.: 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; silver-colored



Item No.: 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; silver-colored

# Item No.: 210-504

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

# Item No.: 210-113

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

# Item No.: 210-505

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

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## 1.2.2 End plate

## 1.2.2.1 End plate





Item No.: 2002-1493

Seperator plate; 2 mm thick; oversized; gray

## Item No.: 2002-1494

Seperator plate; 2 mm thick; oversized; orange

### 1.2.3 Ferrule

## 1.2.3.1 Ferrule



### Item No.: 216-242

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

### Item No.: 216-262

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

### Item No.: 216-243

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

## <u>Item No.: 216-263</u> <u>Item No.: 216-244</u>

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

## Item No.: 216-264

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

## Item No.: 216-246

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



## Item No.: 216-266

Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

## 1.2.4 Installation

## 1.2.4.1 Cover



# Item No.: 709-156

Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

## 1.2.4.2 Cover carrier



## Item No.: 709-169

Cover carrier; Type 3; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray



## 1.2.5 Insulation stop

## 1.2.5.1 Insulation stop





Item No.: 2002-171

Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/ strip; light gray

Item No.: 2002-172

Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/ strip; dark gray

## 1.2.6 Jumper

## 1.2.6.1 Jumper

Item No.: 2002-400

gray



Continuous jumper; 2-way; insulated; light



Item No.: 2002-423/000-006

Continuous jumper; from 1 to 3; insulated; blue



Item No.: 2002-423

Continuous jumper; from 1 to 3; insulated; light gray



Continuous jumper; from 1 to 3; insulated; red





Item No.: 2002-424/000-005 Continuous jumper; from 1 to 4; insulated;



Item No.: 2002-424/000-006

Continuous jumper; from 1 to 4; insulated; blue

Item No.: 2002-424

Continuous jumper; from 1 to 4; insulated; light gray

red

Item No.: 2002-406/020-000

Delta jumper; insulated; light gray



Item No.: 2002-410/000-006

Jumper; 10-way; insulated; blue



Item No.: 2002-410 Jumper; 10-way; insulated; light gray Item No.: 2002-410/000-005

Jumper; 10-way; insulated; red

Jumper; 2-way; insulated; blue

Item No.: 2002-402/000-006

Jumper; 2-way; insulated; light gray

Item No.: 2002-402/000-005 Jumper; 2-way; insulated; red Item No.: 2002-403/000-006

Jumper; 3-way; insulated; blue

Item No.: 2002-403 Jumper; 3-way; insulated; light gray



Item No.: 2002-403/000-005

Item No.: 2002-402

Jumper; 3-way; insulated; red

Item No.: 2002-404/000-006

Item No.: 2002-405

Jumper; 4-way; insulated; blue

Item No.: 2002-404

Jumper; 4-way; insulated; light gray

Item No.: 2002-404/000-005

Jumper; 4-way; insulated; red







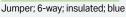
Item No.: 2002-405/000-006

Jumper; 5-way; insulated; blue

Jumper; 5-way; insulated; light gray

Item No.: 2002-405/000-005 Jumper; 5-way; insulated; red

Item No.: 2002-406/000-006



Item No.: 2002-406/000-005 Jumper; 6-way; insulated; red



Item No.: 2002-406

Jumper; 6-way; insulated; light gray

Item No.: 2002-407/000-006 Jumper; 7-way; insulated; blue Item No.: 2002-407

Jumper; 7-way; insulated; light gray



Item No.: 2002-408/000-006

Item No.: 2002-407/000-005

Jumper; 7-way; insulated; red

Jumper; 8-way; insulated; blue

Item No.: 2002-408

Jumper; 8-way; insulated; light gray

Item No.: 2002-408/000-005 Jumper; 8-way; insulated; red

Item No.: 2002-409

Jumper; 9-way; insulated; light gray



Item No.: 2002-409/000-006 Jumper; 9-way; insulated; blue

Item No.: 2002-409/000-005 Jumper; 9-way; insulated; red Item No.: 2002-440

Jumper; from 1 to 10; insulated; light gray



Item No.: 2002-433

Jumper; from 1 to 3; insulated; light gray

Item No.: 2002-434

Item No.: 2002-438

Jumper; from 1 to 4; insulated; light gray

Item No.: 2002-435 Jumper; from 1 to 5; insulated; light gray

Item No.: 2002-436 Jumper; from 1 to 6; insulated; light gray



Item No.: 2002-437

Jumper; from 1 to 7; insulated; light gray

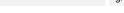
Jumper; from 1 to 8; insulated; light gray

Item No.: 2002-439

Item No.: 2002-480 Staggered jumper; 10-way; insulated; light



Jumper; from 1 to 9; insulated; light gray



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## 1.2.6.1 Jumper







## Item No.: 2002-481

Staggered jumper; 11-way; insulated; light gray

## Item No.: 2002-482

Staggered jumper; 12-way; insulated; light gray

## Item No.: 2002-472

Staggered jumper; 2-way; insulated; light gray

## Item No.: 2002-473

Staggered jumper; 3-way; insulated; light gray



## Item No.: 2002-474

Staggered jumper; 4-way; insulated; light gray

#### Item No.: 2002-475

Staggered jumper; 5-way; insulated; light

## Item No.: 2002-476

Staggered jumper; 6-way; insulated; light

### Item No.: 2002-477

Staggered jumper; 7-way; insulated; light



## Item No.: 2002-478

Staggered jumper; 8-way; insulated; light gray

Item No.: 2002-479 Staggered jumper; 9-way; insulated; light gray

# Item No.: 2002-405/011-000

Star point jumper; 3-way; insulated; light gray

## Item No.: 210-103

Wire commoning chain; insulated; black

## Item No.: 210-123

Wire commoning chain; insulated; blue

## 1.2.7 Marking

## 1.2.7.1 Group marker carrier







### Item No.: 2009-191

Group marker carrier; gray

## Item No.: 2009-192

Group marker carrier; gray

## Item No.: 2009-193

Group marker carrier; gray

## 1.2.7.2 Marker

# Item No.: 2009-145/000-006

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

# Item No.: 2009-145/000-007

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

# Item No.: 2009-145/000-023

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

# Item No.: 2009-145/000-012

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

## Item No.: 2009-145/000-005

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

# Item No.: 2009-145/000-024

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Mini-WSB marking card; as card; not

# Item No.: 2009-145

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Mini-WSB marking card; as card; not

# Item No.: 2009-145/000-002

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



Mini-WSB marking card; as card; not stret-

## Item No.: 248-501/000-006

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue



Item No.: 248-501/000-005

Item No.: 793-5501/000-006

Item No.: 248-501/000-007

## Item No.: 248-501/000-023

stretchable; plain; snap-on type; green



# chable; plain; snap-on type; light green



# Item No.: 248-501/000-012

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange



# Item No.: 248-501/000-024

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red



## Mini-WSB marking card; as card; not

stretchable; plain; snap-on type; violet



# Item No.: 248-501

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



WMB marking card; as card; for terminal

# Item No.: 248-501/000-002

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow



WMB marking card; as card; for terminal

block width 5 - 17.5 mm; stretchable 5 -

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; brown



## Item No.: 793-5501/000-014



# block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; gray



# Item No.: 793-5501/000-023

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; green

## Item No.: 793-5501/000-017

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; light green

# Item No.: 793-5501/000-012

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; orange

## Item No.: 793-5501/000-005

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; red

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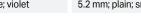


## 1.2.7.2 Marker



## Item No.: 793-5501/000-024

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; violet



## Item No.: 793-5501

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; white

A

# Item No.: 793-5501/000-002

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; yellow

# Item No.: 2009-115/000-006

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

A



## Item No.: 2009-115/000-007

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

## Item No.: 2009-115/000-023

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

## Item No.: 2009-115/000-017

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green

## Item No.: 2009-115/000-012

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



## Item No.: 2009-115/000-005

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

## Item No.: 2009-115/000-024

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

## Item No.: 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

## Item No.: 2009-115/000-002

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

# 1.2.7.3 Marker carrier



Item No.: 2002-161

Adaptor; gray



Item No.: 2009-198
Adaptor; gray

## 1.2.7.4 Marking strip



## Item No.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

# 1.2.8 Protective warning marker

## 1.2.8.1 Cover



# Item No.: 2002-115

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

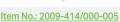
## 1.2.9 Push-in type wire jumper

## 1.2.9.1 Jumper



# <u>Item No.: 2009-414</u>

Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black



Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black

## Item No.: 2009-416

Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 250 mm long; black



# Item No.: 2009-414/000-006

Push-in type wire jumper; insulated; 110 mm long; black



Push-in type wire jumper; insulated; 60 mm long; black

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## 1.2.10 Screwless end stop

## 1.2.10.1 Mounting accessories



## Item No.: 249-117

Screwless end stop; 10 mm wide; for DIN-rail  $35 \times 15$  and  $35 \times 7.5$ ; gray



## Item No.: 249-116

Screwless end stop; 6 mm wide; for DINrail 35 x 15 and 35 x 7.5; gray

## 1.2.11 Test and measurement

## 1.2.11.1 Testing accessories



Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 2,50 mm²; gray

## Item No.: 2002-511

Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 2,50 mm²; gray

## Item No.: 2002-552

Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 2,50 mm²; grav

## Item No.: 2002-553

Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 2,50 mm²; gray

### Item No.: 2002-554

Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 2,50 mm²; gray

#### Item No.: 2002-555

Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 2,50 mm²; gray

#### Item No.: 2002-556

Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 2,50 mm²; gray

#### Item No.: 2002-557

Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 2,50 mm²; gray

# .

Item No.: 2002-558

Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 2,50 mm²; gray

#### Item No.: 2002-559

Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 2,50 mm²; gray

#### Item No.: 2002-549

Spacer module; modular; e.g., for bridging commoned terminal blocks; gray

#### Item No.: 2009-174

Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

# Item No.: 2009-182

Testing tap; for max. 2.5 mm<sup>2</sup>; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

## Item No.: 2002-649

TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray

## Item No.: 2002-611

TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm²; gray

## 1.2.12 Tool

## 1.2.12.1 Operating tool

## Item No.: 210-658

Operating tool; Blade:  $3.5\times0.5$  mm; with a partially insulated shaft; angled; short; multicoloured

# Item No.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

## Installation Notes



Polarized diode gates with a common cathode can be created using the following terminal blocks:

2002-1411/1000-410 or 2002-1411/1000-411



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