

Data sheet | Item number: 279-513

Double-deck terminal block; Through/through terminal block; L/N; for DIN-rail 35 x 15 and 35 x 7.5; 1.5 mm²; 1,50 mm²; gray

www.wago.com/279-513



Color:



Data

Electrical data

Subject to changes. Please also observe the further product documentation!

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We are always happy to take your call at +49 (571) 887-44222.

Ratings per IEC/EN

| | |
|-------------------------------|---|
| Ratings per | IEC/EN 60947-7-1 |
| Nominal voltage (III/3) | 500 V |
| Rated impulse voltage (III/3) | 6 kV |
| Rated current | 18 A |
| Legend (ratings) | (III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3 |

Ratings per UL

| | |
|--------------------------------|---------|
| Approvals per | UL 1059 |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 10 A |

Ratings per CSA

| | |
|---------------------------------|-----------------|
| Approvals per | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 10 A |

Power Loss

| | |
|--|----------------|
| Power loss, per pole (potential) | 0.593 W |
| Rated current I_N for specified power loss | 18 A |
| Resistance value for specified, current-dependent power loss | 0.002 Ω |

Connection data

| | |
|----------------------------|---|
| Connection points | 4 |
| Total number of potentials | 2 |
| Number of levels | 2 |

Connection 1

| | |
|---------------------------------|--|
| Connection technology | CAGE CLAMP [®] |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Solid conductor | 0.08 ... 1.5 mm ² / 28 ... 16 AWG |
| Fine-stranded conductor | 0.08 ... 1.5 mm ² / 28 ... 16 AWG |
| Strip length | 8 ... 9 mm / 0.31 ... 0.35 inches |

Subject to changes. Please also observe the further product documentation!



Wiring direction

Front-entry wiring

Physical data

| | |
|-----------------------------------|----------------------|
| Width | 4 mm / 0.157 inches |
| Height | 85 mm / 3.346 inches |
| Depth from upper-edge of DIN-rail | 39 mm / 1.535 inches |

Mechanical Data

| | |
|-------------------|-----------------|
| Potential marking | L/N |
| Design | horizontal type |
| Mounting type | DIN-35 rail |
| Marking level | Side marking |

Material Data

Note (material data)

Information on material specifications can be found here

| | |
|-----------------------------|------------------|
| Color | gray |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.145 MJ |
| Weight | 7.6 g |

Environmental requirements

| | |
|----------------------------------|-----------------|
| Processing temperature | -35 ... +85 °C |
| Continuous operating temperature | -60 ... +105 °C |

Commercial data

| | |
|----------------|----------------------------------|
| Product Group | 1 (Rail Mounted Terminal Blocks) |
| eCl@ss 10.0 | 27-14-11-20 |
| eCl@ss 9.0 | 27-14-11-20 |
| ETIM 8.0 | EC000897 |
| ETIM 7.0 | EC000897 |
| Recupel Type | |
| PU (SPU) | 50 pcs |
| Packaging type | box |

Subject to changes. Please also observe the further product documentation!

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| | |
|-----------------------|---------------|
| Country of origin | CN |
| GTIN | 4050821109372 |
| Customs tariff number | 85369010000 |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|--|--------------------------|------------------|
| | CCA DEKRA Certification B.V. | EN 60947 | NTR NL-7081 |
| | CSA DEKRA Certification B.V. | C22.2 No. 158 | 70133738 |
| | KEMA/KEUR DEKRA Certification B.V. | EN 60947 | 2160584.04 |
| | UL Underwriters Laboratories Inc. | UL 1059 | E45172 |

Declarations of conformity and manufacturer's declarations

| Logo | Approval | Additional Approval Text | Certificate name |
|------|---|--------------------------|------------------|
| | EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
| | UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Approvals for marine applications

| Logo | Approval | Additional Approval Text | Certificate name |
|------|---|--------------------------|------------------|
| | ABS American Bureau of Shipping | - | 20-HG1941090-PDA |
| | DNV GL Det Norske Veritas, Germanischer Lloyd | - | TAE00001V2 |

Required accessories

End plate

| |
|-----------|
| End plate |
|-----------|

Subject to changes. Please also observe the further product documentation!



Item no.: 279-519
End and intermediate plate; 2 mm thick; orange

www.wago.com/279-519

Item no.: 279-518
End and intermediate plate; 2 mm thick; gray

www.wago.com/279-518

Optional accessories

Ferrule

Ferrule

Item no.: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored

www.wago.com/216-101

Item no.: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored

www.wago.com/216-102

Item no.: 216-103
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

www.wago.com/216-103

Item no.: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

www.wago.com/216-203

Item no.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

www.wago.com/216-202

Item no.: 216-201
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

www.wago.com/216-201

Item no.: 216-301
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow

www.wago.com/216-301

Item no.: 216-302
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise

www.wago.com/216-302

Insulation stop

Insulation stop

Item no.: 279-470
Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white

www.wago.com/279-470

Item no.: 279-471
Insulation stop; 0.25 mm²; 5 pieces/strip; dark gray

www.wago.com/279-471

Jumpers

Jumper

Item no.: 279-402
Jumper; insulated; gray

www.wago.com/279-402

Item no.: 279-409
Jumper; insulated; gray

www.wago.com/279-409

Item no.: 279-422
Jumper; insulated; yellow-green

www.wago.com/279-422

Subject to changes. Please also observe the further product documentation!



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| Item no.: 279-492 Jumper; 2-way; insulated; gray | www.wago.com/279-492 |
| Item no.: 279-490 Jumper; 10-way; insulated; gray | www.wago.com/279-490 |
| Item no.: 279-482 Jumper; 2-way; insulated; gray | www.wago.com/279-482 |
| Item no.: 279-483 Jumper; 3-way; insulated; gray | www.wago.com/279-483 |
| Marking accessories | |
| Marker carrier | |
| Item no.: 279-529 Adaptor; gray | www.wago.com/279-529 |
| Double marker carrier | |
| Item no.: 209-128 Adaptor; gray | www.wago.com/209-128 |
| Marker | |
| Item no.: 2009-114/000-002 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; yellow | www.wago.com/2009-114/000-002 |
| Item no.: 2009-114/000-005 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red | www.wago.com/2009-114/000-005 |
| Item no.: 2009-114/000-007 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray | www.wago.com/2009-114/000-007 |
| Item no.: 2009-114/000-023 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green | www.wago.com/2009-114/000-023 |
| Item no.: 2009-114/000-006 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; blue | www.wago.com/2009-114/000-006 |
| Item no.: 2009-114/000-024 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet | www.wago.com/2009-114/000-024 |
| Item no.: 2009-114/000-012 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; orange | www.wago.com/2009-114/000-012 |
| Item no.: 2009-114 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white | www.wago.com/2009-114 |

Subject to changes. Please also observe the further product documentation!



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|---|--|
| Item no.: 793-4501/000-002 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; yellow | www.wago.com/793-4501/000-002 |
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|---|--|
| Item no.: 793-4501/000-006 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue | www.wago.com/793-4501/000-006 |
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| Item no.: 793-4501 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white | www.wago.com/793-4501 |
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| Item no.: 793-4501/000-023 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; green | www.wago.com/793-4501/000-023 |
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|---|--|
| Item no.: 793-4501/000-024 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet | www.wago.com/793-4501/000-024 |
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| Item no.: 793-4501/000-005 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red | www.wago.com/793-4501/000-005 |
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| Item no.: 793-4501/000-007 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray | www.wago.com/793-4501/000-007 |
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| Item no.: 793-4501/000-012 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange | www.wago.com/793-4501/000-012 |
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| Item no.: 793-4501/000-017 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green | www.wago.com/793-4501/000-017 |
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Group marker carrier

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| Item no.: 209-142 Group marker carrier; gray | www.wago.com/209-142 |
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| Item no.: 209-141 Group marker carrier; gray | www.wago.com/209-141 |
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| Item no.: 209-140 Group marker carrier; gray | www.wago.com/209-140 |
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| Item no.: 249-105 Group marker carrier; gray | www.wago.com/249-105 |
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Protective warning marker

Cover

| | |
|--|--|
| Item no.: 279-415 Protective warning marker; 5-pole; with high-voltage symbol, black; yellow | www.wago.com/279-415 |
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Subject to changes. Please also observe the further product documentation!



Carrier rail

| Mounting accessories | | |
|--------------------------|--|--|
| 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 | www.wago.com/210-197 |
| 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 | www.wago.com/210-198 |
| 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 | www.wago.com/210-504 |
| 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 | www.wago.com/210-505 |
| Item no.: 210-506 | Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored | www.wago.com/210-506 |
| 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 | www.wago.com/210-508 |
| 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 | www.wago.com/210-113 |
| 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 | www.wago.com/210-118 |
| 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 | www.wago.com/210-112 |
| 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 | www.wago.com/210-114 |
| 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 | www.wago.com/210-115 |
| Item no.: 210-196 | Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored | www.wago.com/210-196 |

Mounting

| Cover carrier | | |
|--------------------------|---|--|
| Item no.: 709-168 | Cover carrier; Type 2; incl. fixing/retaining screws and knurled nut; suitable for 283 to 285 Series rail-mounted terminal blocks; suitable for 279 to 281 Series double- and triple-deck terminal blocks; suitable for 780 to 785, 775, 776 and 777 Series TOPJOB® rail-mounted terminal blocks; suitable for 280 Series sensor and actuator terminal blocks; suitable for 282 Series disconnect/test terminal blocks for transformer circuits; gray | www.wago.com/709-168 |
| Cover | | |
| Item no.: 709-154 | Cover; Type 2; suitable for cover carrier, type 2; 1 m long; transparent | www.wago.com/709-154 |

Subject to changes. Please also observe the further product documentation!



| Mounting accessories | | |
|--------------------------|--|--|
| Item no.: 209-106 | Mounting carrier; for isolated mounting on DIN 35 rails; gray | www.wago.com/209-106 |
| Item no.: 249-116 | Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray | www.wago.com/249-116 |
| Tool | | |
| Operating tool | | |
| Item no.: 210-648 | Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short | www.wago.com/210-648 |
| Item no.: 210-647 | Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured | www.wago.com/210-647 |
| Item no.: 210-719 | Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft | www.wago.com/210-719 |
| Push-in type wire jumper | | |
| Jumper | | |
| Item no.: 249-123 | Push-in type wire jumper; 0.75 mm ² ; insulated; 180 mm long; black | www.wago.com/249-123 |
| Item no.: 249-126 | Push-in type wire jumper; 0.75 mm ² ; insulated; 110 mm long; black | www.wago.com/249-126 |
| Item no.: 249-127 | Push-in type wire jumper; 0.75 mm ² ; insulated; 250 mm long; black | www.wago.com/249-127 |
| Item no.: 249-125 | Push-in type wire jumper; insulated; 60 mm long; black | www.wago.com/249-125 |
| Testing and measuring | | |
| Testing accessories | | |
| Item no.: 209-170 | Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm ² - 10 mm ² tbs; gray | www.wago.com/209-170 |
| Item no.: 280-404 | Test plug adapter; 5 mm wide; for test plug (2.3 mm Ø); suitable for 1.5 mm ² - 4 mm ² tbs; gray | www.wago.com/280-404 |

Downloads

Documentation

Bid Text

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|-------------|--------------|--------|----------|
| 279-513 | 2019 年2月19 日 | xml | Download |
| X81 - Datei | | 3.3 kB | |
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Additional Information

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CAD/CAE-Data

CAE data

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Environmental Product Compliance

Compliance Search

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Double-deck terminal block; Through/through terminal block; L/N; for DIN-rail 35 x 15 and 35 x 7.5; 1.5 mm²; 1,50 mm²; gray

Installation Notes

Subject to changes. Please also observe the further product documentation!

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Double-deck marker carrier

(height including marker carrier)

Subject to changes. Please also observe the further product documentation!