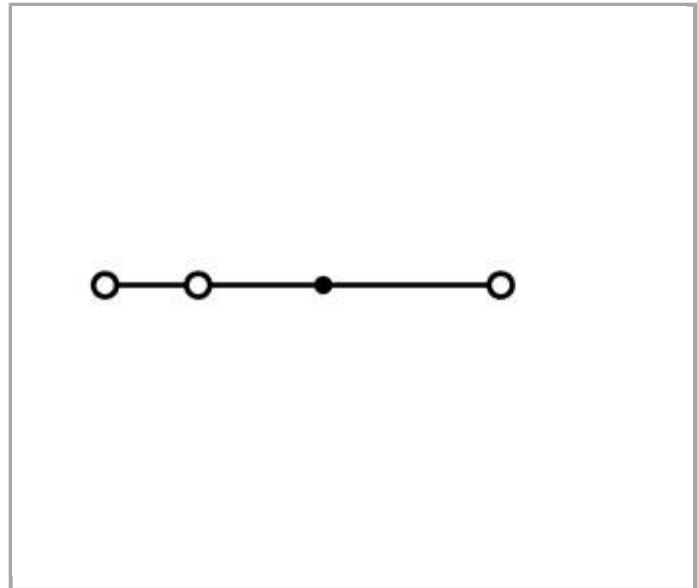
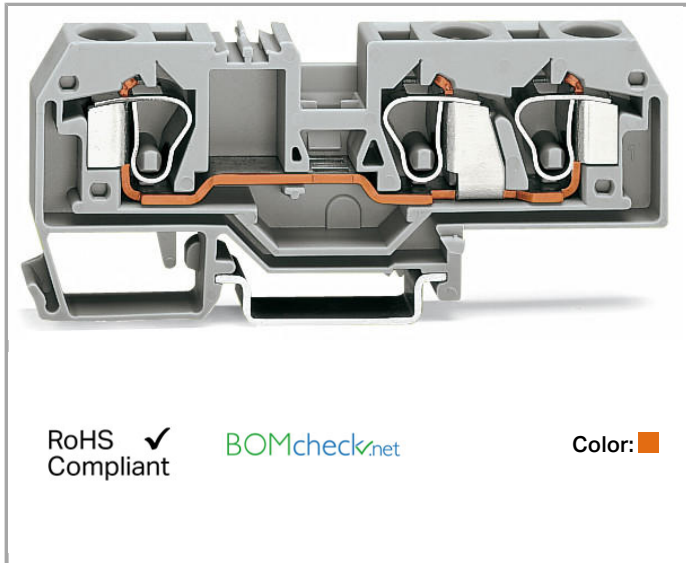


Data sheet | Item number: 284-682

3-conductor through terminal block; 10 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®



www.wago.com/284-682



Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|---|
| Rated voltage (III / 3) | 800 V |
| Rated impulse voltage (III / 3) | 8 kV |
| Rated current | 57 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

Connection data

| | |
|-----------------------------------|---|
| Connection technology | CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper Aluminum |
| Solid conductor | 0.2 ... 10 mm ² / 24 ... 8 AWG |
| Fine-stranded conductor | 0.2 ... 10 mm ² / 24 ... 8 AWG |
| Strip length | 12 ... 13 mm / 0.47 ... 0.51 Inch |
| Total number of connection points | 3 |
| Total number of potentials | 1 |
| Number of levels | 1 |
| Type of wiring | Front-entry wiring |

Geometrical Data

| | |
|---------------------------------------|----------------------|
| Width | 10 mm / 0.394 inch |
| Height from upper-edge of DIN-35 rail | 35 mm / 1.378 inch |
| Depth | 97.5 mm / 3.839 inch |

Mechanical data

| | |
|------------------|----------------|
| Design | horizontal |
| Type of mounting | DIN-35 rail |
| Marking level | Center marking |

Material Data




| | |
|---------------------|----------------------|
| Color | orange |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load | 0.443 MJ |
| Weight | 31.89 g |

Commercial data

| | |
|--------------------|----------------------------------|
| Country of origin | DE |
| GTIN | 4044918447454 |
| Customs Tariff No. | 85369010000 |
| Product Group | 1 (Rail Mounted Terminal Blocks) |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Certificate name |
|--|---------------------------------------|------------------|
|  | CCA DEKRA Certification B.V. | NTR NL-7379 |
|  | CSA DEKRA Certification B.V. | 1536073 |
|  | KEMA/KEUR DEKRA Certification B.V. | 2178517.01 |

Ship Approvals

| Logo | Approval | Certificate name |
|------|------------------------------------|------------------|
| | ABS American Bureau of Shipping | 14-HG1293677-PDA |

ABS

BV

BV
Bureau Veritas S.A.

07436/E0 BV



LR
Lloyds Register





91/20112 (E9)

UL-Approvals

| Logo | Approval | Certificate name |
|--|-------------------------------------|------------------|
|  | UL UL International Germany GmbH | E45172 |


















Compatible products
















General accessories
















| | | |
|--|--|--|
|  | Item no.: 249-105 Group marker carrier | www.wago.com/249-105 |
|  | Item no.: 284-400 Finger guard; touchproof cover protects unused conductor entries | www.wago.com/284-400 |
|  | Item no.: 709-310 B-type test plug module; modular; suitable for all WAGO 282 Series rail-mounted terminal blocks with jumper slots | www.wago.com/709-310 |
|  | Item no.: 709-311 B-type spacer module; modular; e.g., for bridging commoned terminal blocks | www.wago.com/709-311 |

End plate

| | | |
|--|---|--|
|  | Item no.: 284-308 End and intermediate plate; 2.5 mm thick | www.wago.com/284-308 |
|  | Item no.: 284-309 Separator plate; 2 mm thick; oversized | www.wago.com/284-309 |
|  | Item no.: 284-339 End and intermediate plate; 2.5 mm thick | www.wago.com/284-339 |
|  | Item no.: 284-340 Separator plate; 2 mm thick; oversized | www.wago.com/284-340 |
|  | Item no.: 284-341 End and intermediate plate; 2.5 mm thick | www.wago.com/284-341 |

| | | |
|--|--|--|
|  | Item no.: 284-342 Separator plate; 2 mm thick; oversized | www.wago.com/284-342 |
|  | Item no.: 284-358 Step-down cover plate; 1 mm thick; for 3-conductor 284-681 terminal blocks | www.wago.com/284-358 |
|  | Item no.: 284-368 Step-down cover plate; 1 mm thick; for 3-conductor 284-681 terminal blocks | www.wago.com/284-368 |
| ferrule | | |
|  | Item no.: 216-108 Ferrule; Sleeve for 6 mm ² / AWG 10; uninsulated; electro-tin plated | www.wago.com/216-108 |
|  | Item no.: 216-208 Ferrule; Sleeve for 6 mm ² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | www.wago.com/216-208 |
|  | Item no.: 216-262 Ferrule; Sleeve for 0.75 mm ² / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | www.wago.com/216-262 |
|  | Item no.: 216-263 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | www.wago.com/216-263 |
|  | Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | www.wago.com/216-264 |
|  | Item no.: 216-266 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | www.wago.com/216-266 |
|  | Item no.: 216-267 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | www.wago.com/216-267 |
| Carrier rail | | |
|  | 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 | www.wago.com/210-112 |
|  | Item no.: 210-113 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715 | www.wago.com/210-113 |
|  | Item no.: 210-114 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715 | 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 | www.wago.com/210-115 |
|  | Item no.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715 | www.wago.com/210-118 |
|  | Item no.: 210-196 Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715 | www.wago.com/210-196 |
|  | Item no.: 210-197 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715 | 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 | 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 | 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 | 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 | 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 | www.wago.com/210-508 |
| assembling | | |
|  | Item no.: 209-106 Mounting carrier; for isolated mounting on DIN 35 rails | www.wago.com/209-106 |
|  | Item no.: 709-154 Cover; Type 2; suitable for cover carrier, type 2; 1 m long | www.wago.com/709-154 |
| check | | |
|  | 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 | www.wago.com/209-170 |
| Marking accessories | | |
|  | Item no.: 2009-115 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | www.wago.com/2009-115 |
|  | Item no.: 2009-115/000-002 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | www.wago.com/2009-115/000-002 |
|  | Item no.: 2009-115/000-006 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | www.wago.com/2009-115/000-006 |
|  | Item no.: 2009-115/000-007 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | www.wago.com/2009-115/000-007 |
|  | Item no.: 2009-115/000-012 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | www.wago.com/2009-115/000-012 |
|  | Item no.: 2009-115/000-017 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | www.wago.com/2009-115/000-017 |
|  | Item no.: 2009-115/000-023 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | www.wago.com/2009-115/000-023 |

| | | |
|--|--|--|
|  | <p>Item no.: 2009-115/000-024 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type</p> | www.wago.com/2009-115/000-024 |
|  | <p>Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type</p> | www.wago.com/793-501 |
|  | <p>Item no.: 793-501/000-002 WMB marking card; as card; not stretchable; plain; snap-on type</p> | www.wago.com/793-501/000-002 |
|  | <p>Item no.: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type</p> | www.wago.com/793-501/000-005 |
|  | <p>Item no.: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type</p> | www.wago.com/793-501/000-006 |
|  | <p>Item no.: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type</p> | www.wago.com/793-501/000-007 |
|  | <p>Item no.: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type</p> | www.wago.com/793-501/000-012 |
|  | <p>Item no.: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type</p> | www.wago.com/793-501/000-017 |
|  | <p>Item no.: 793-501/000-023 WMB marking card; as card; not stretchable; plain; snap-on type</p> | www.wago.com/793-501/000-023 |
|  | <p>Item no.: 793-501/000-024 WMB marking card; as card; not stretchable; plain; snap-on type</p> | www.wago.com/793-501/000-024 |
|  | <p>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</p> | www.wago.com/793-5501 |
|  | <p>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</p> | www.wago.com/793-5501/000-002 |
|  | <p>Item no.: 793-5501/000-005 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type</p> | www.wago.com/793-5501/000-005 |
|  | <p>Item no.: 793-5501/000-006 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type</p> | www.wago.com/793-5501/000-006 |
|  | <p>Item no.: 793-5501/000-007 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type</p> | www.wago.com/793-5501/000-007 |



Item no.: 793-5501/000-012
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

www.wago.com/793-5501/000-012



Item no.: 793-5501/000-017
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

www.wago.com/793-5501/000-017



Item no.: 793-5501/000-023
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

www.wago.com/793-5501/000-023



Item no.: 793-5501/000-024
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

www.wago.com/793-5501/000-024

Jumper



Item no.: 284-402
Adjacent jumper; insulated; Nominal current 57 A

www.wago.com/284-402



Item no.: 284-409
Alternate jumper; insulated; Nominal current 57 A

www.wago.com/284-409



Item no.: 284-413
Step-down jumper; insulated; from 10/6 mm² to 6/4 mm²; Nominal current 30 A

www.wago.com/284-413



Item no.: 284-414
Step-down jumper; insulated; from 10/6 mm² to 4/2.5/1.5 mm²; Nominal current 15 A

www.wago.com/284-414



Item no.: 284-422
Adjacent jumper; insulated; Nominal current 57 A

www.wago.com/284-422

tools



Item no.: 210-721
Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm

www.wago.com/210-721

protection



Item no.: 284-415
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

www.wago.com/284-415

Downloads

Documentation

Bid Text

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CAD data



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WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

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