

## Bolt connection terminal block - RBO 10-HC - 3247976

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Bolt connection terminal block, nom. voltage: 1500 V, nominal current: 309 A, connection method: Bolt connection, number of connections: 2, number of positions: 1, width: 41 mm, color: gray, mounting type: NS 35/7,5, NS 35/15, direct screw connection

### Your advantages

- ✓ Tested for railway applications



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 5 pc                                                                                                    |
| GTIN         | <br>4 046356 725101 |
| GTIN         | 4046356725101                                                                                           |

### Technical data

#### General

|                                        |                     |
|----------------------------------------|---------------------|
| Number of positions                    | 1                   |
| Number of levels                       | 1                   |
| Number of connections                  | 2                   |
| Potentials                             | 1                   |
| Nominal cross section                  | 150 mm <sup>2</sup> |
| Color                                  | gray                |
| Insulating material                    | PA                  |
| Flammability rating according to UL 94 | V0                  |
| Area of application                    | Railway industry    |
|                                        | Machine building    |
|                                        | Plant engineering   |
| Rated surge voltage                    | 8 kV                |
| Degree of pollution                    | 3                   |
| Overvoltage category                   | III                 |
| Insulating material group              | I                   |

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## Technical data

### General

|                                                                                           |                                                                                                                                 |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Maximum power dissipation for nominal condition                                           | 9.55 W                                                                                                                          |
| Maximum load current                                                                      | 309 A (with 150 mm <sup>2</sup> conductor cross section)                                                                        |
| Nominal current I <sub>N</sub>                                                            | 309 A                                                                                                                           |
| Nominal voltage U <sub>N</sub>                                                            | 1500 V                                                                                                                          |
| Open side panel                                                                           | No                                                                                                                              |
| Ambient temperature (operation)                                                           | -60 °C ... 85 °C                                                                                                                |
| Ambient temperature (storage/transport)                                                   | -25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)                                                          |
| Permissible humidity (storage/transport)                                                  | 30 % ... 70 %                                                                                                                   |
| Ambient temperature (assembly)                                                            | -5 °C ... 70 °C                                                                                                                 |
| Ambient temperature (actuation)                                                           | -5 °C ... 70 °C                                                                                                                 |
| Shock protection test specification                                                       | DIN EN 50274 (VDE 0660-514):2002-11                                                                                             |
| Back of the hand protection                                                               | guaranteed                                                                                                                      |
| Finger protection                                                                         | guaranteed                                                                                                                      |
| Note regarding shock protection                                                           | Touch proofness is effective only if the ring cable lug is insulated with a shrink sleeve and does not extend beyond the cover. |
| Result of surge voltage test                                                              | Test passed                                                                                                                     |
| Result of power-frequency withstand voltage test                                          | Test passed                                                                                                                     |
| Power frequency withstand voltage setpoint                                                | 2.7 kV                                                                                                                          |
| Result of the test for mechanical stability of terminal points (5 x conductor connection) | Test passed                                                                                                                     |
| Result of tight fit on support                                                            | Test passed                                                                                                                     |
| Tight fit on carrier                                                                      | NS 35                                                                                                                           |
| Setpoint                                                                                  | 15 N                                                                                                                            |
| Result of voltage-drop test                                                               | Test passed                                                                                                                     |
| Result of temperature-rise test                                                           | Test passed                                                                                                                     |
| Requirement temperature-rise test                                                         | Increase in temperature ≤ 45 K                                                                                                  |
| Short circuit stability result                                                            | Test passed                                                                                                                     |
| Conductor cross section short circuit testing                                             | 150 mm <sup>2</sup>                                                                                                             |
| Short-time current                                                                        | 18 kA                                                                                                                           |
| Result of thermal test                                                                    | Test passed                                                                                                                     |
| Proof of thermal characteristics (needle flame) effective duration                        | 30 s                                                                                                                            |
| Oscillation, broadband noise test result                                                  | Test passed                                                                                                                     |
| Test specification, oscillation, broadband noise                                          | DIN EN 50155 (VDE 0115-200):2008-03                                                                                             |
| Test spectrum                                                                             | Service life test category 1, class B, body mounted                                                                             |
| Test frequency                                                                            | f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz                                                                                |
| ASD level                                                                                 | 1.857 (m/s <sup>2</sup> ) <sup>2</sup> /Hz                                                                                      |
| Acceleration                                                                              | 0,8 g                                                                                                                           |
| Test duration per axis                                                                    | 5 h                                                                                                                             |
| Test directions                                                                           | X-, Y- and Z-axis                                                                                                               |
| Shock test result                                                                         | Test passed                                                                                                                     |
| Test specification, shock test                                                            | DIN EN 50155 (VDE 0115-200):2008-03                                                                                             |

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## Technical data

### General

|                                                                         |                                   |
|-------------------------------------------------------------------------|-----------------------------------|
| Shock form                                                              | Half-sine                         |
| Acceleration                                                            | 5g                                |
| Shock duration                                                          | 30 ms                             |
| Number of shocks per direction                                          | 3                                 |
| Test directions                                                         | X-, Y- and Z-axis (pos. and neg.) |
| Relative insulation material temperature index (Elec., UL 746 B)        | 130 °C                            |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C                            |
| Static insulating material application in cold                          | -60 °C                            |
| Surface flammability NFPA 130 (ASTM E 162)                              | passed                            |
| Specific optical density of smoke NFPA 130 (ASTM E 662)                 | passed                            |
| Calorimetric heat release NFPA 130 (ASTM E 1354)                        | 28 MJ/kg                          |
| Smoke gas toxicity NFPA 130 (SMP 800C)                                  | passed                            |
| Fire protection for rail vehicles (DIN EN 45545-2) R22                  | HL 1 - HL 3                       |
| Fire protection for rail vehicles (DIN EN 45545-2) R23                  | HL 1 - HL 3                       |
| Fire protection for rail vehicles (DIN EN 45545-2) R24                  | HL 1 - HL 3                       |
| Fire protection for rail vehicles (DIN EN 45545-2) R26                  | HL 1 - HL 3                       |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 41 mm   |
| Length           | 235 mm  |
| Height NS 35/7,5 | 77 mm   |
| Height NS 35/15  | 84.5 mm |
| Pitch            | 41 mm   |

### Connection data

|                                             |                                                                                           |
|---------------------------------------------|-------------------------------------------------------------------------------------------|
| Connection                                  | 1 level                                                                                   |
| Connection method                           | Bolt connection                                                                           |
| Screw thread                                | M10                                                                                       |
| Stripping length                            | The stripping length depends on the specification provided by the cable lug manufacturer. |
| Connection in acc. with standard            | IEC 60947-7-1                                                                             |
| Cable lug connection according to standard  | DIN 46234:1980-03                                                                         |
| Min. cross section for cable lug connection | 6 mm <sup>2</sup>                                                                         |
| Max. cross section for cable lug connection | 150 mm <sup>2</sup>                                                                       |
| Hole diameter, min.                         | 10.5 mm                                                                                   |
| Cable lug width, max.                       | 30 mm                                                                                     |
| Bolt diameter                               | 10 mm                                                                                     |
| Screw thread                                | M10                                                                                       |
| Tightening torque, min                      | 10 Nm                                                                                     |
| Tightening torque max                       | 20 Nm                                                                                     |
| Cable lug connection according to standard  | DIN 46235:1983-07                                                                         |

## Bolt connection terminal block - RBO 10-HC - 3247976

### Technical data

#### Connection data

|                                             |                     |
|---------------------------------------------|---------------------|
| Min. cross section for cable lug connection | 16 mm <sup>2</sup>  |
| Max. cross section for cable lug connection | 150 mm <sup>2</sup> |
| Hole diameter, min.                         | 10.5 mm             |
| Cable lug width, max.                       | 34 mm               |
| Bolt diameter                               | 10 mm               |
| Screw thread                                | M10                 |
| Tightening torque, min                      | 10 Nm               |
| Tightening torque max                       | 20 Nm               |
| Cable lug connection according to standard  | DIN 46237:1970-07   |
| Min. cross section for cable lug connection | 6 mm <sup>2</sup>   |
| Max. cross section for cable lug connection | 6 mm <sup>2</sup>   |
| Hole diameter, min.                         | 10.5 mm             |
| Cable lug width, max.                       | 18 mm               |
| Bolt diameter                               | 10 mm               |
| Screw thread                                | M10                 |
| Tightening torque, min                      | 10 Nm               |
| Tightening torque max                       | 20 Nm               |

#### Standards and Regulations

|                                        |               |
|----------------------------------------|---------------|
| Connection in acc. with standard       | CSA           |
|                                        | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0            |

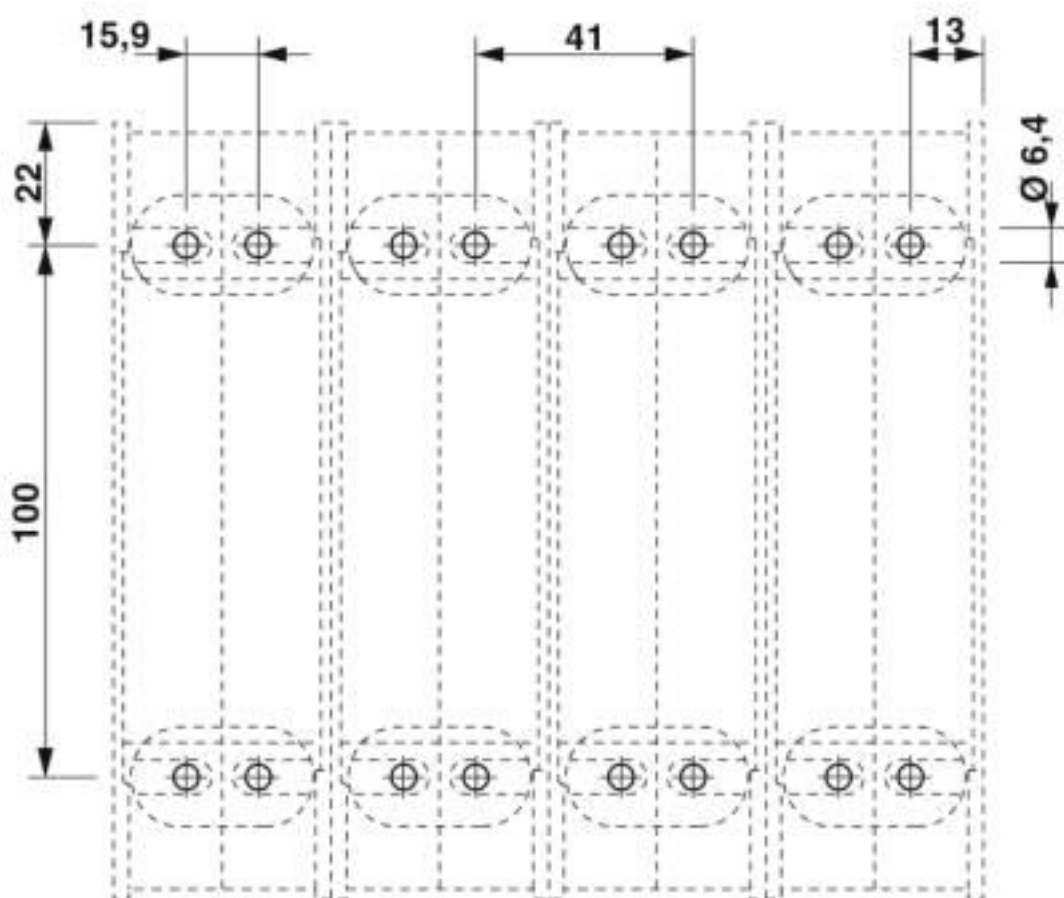
#### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

## Bolt connection terminal block - RBO 10-HC - 3247976

Dimensional drawing



Circuit diagram



### Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27141120 |
| eCl@ss 4.0    | 27141100 |
| eCl@ss 4.1    | 27141100 |
| eCl@ss 5.0    | 27141100 |
| eCl@ss 5.1    | 27141100 |
| eCl@ss 6.0    | 27141100 |
| eCl@ss 7.0    | 27141120 |
| eCl@ss 8.0    | 27141120 |
| eCl@ss 9.0    | 27141120 |

## Bolt connection terminal block - RBO 10-HC - 3247976

### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |
| ETIM 6.0 | EC000897 |
| ETIM 7.0 | EC000897 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |
| UNSPSC 18.0   | 39121410 |
| UNSPSC 19.0   | 39121410 |
| UNSPSC 20.0   | 39121410 |
| UNSPSC 21.0   | 39121410 |

### Approvals

#### Approvals

#### Approvals

CSA / UL Recognized / EAC

#### Ex Approvals

IECEX / ATEX / EAC Ex

#### Approval details

|                    |                                                                                     |                                                                                                                                         |       |
|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
|                    | B                                                                                   | C                                                                                                                                       |       |
| Nominal voltage UN | 600 V                                                                               | 1000 V                                                                                                                                  |       |
| Nominal current IN | 310 A                                                                               | 310 A                                                                                                                                   |       |
| mm²/AWG/kcmil      | 10-350                                                                              | 10-350                                                                                                                                  |       |

## Bolt connection terminal block - RBO 10-HC - 3247976

### Approvals

|                    |                                                                                   |                                                                                                                                                       |              |
|--------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| UL Recognized      |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                    |                                                                                   | B                                                                                                                                                     | C            |
| Nominal voltage UN | 1000 V                                                                            | 600 V                                                                                                                                                 | 600 V        |
| Nominal current IN | 310 A                                                                             | 310 A                                                                                                                                                 | 310 A        |
| mm²/AWG/kcmil      | 10-350                                                                            | 10-350                                                                                                                                                | 10-350       |

|     |                                                                                   |                          |
|-----|-----------------------------------------------------------------------------------|--------------------------|
| EAC |  | RU C-<br>DE.BL08.B.00540 |
|-----|-----------------------------------------------------------------------------------|--------------------------|

### Accessories

#### Accessories

#### Bridge

Connection rail - RBO 10-VS 2 - 3244643



Connection rail, number of positions: 2, color: silver

Connection rail - RBO 10-VS 3 - 3244656



Connection rail, number of positions: 3, color: silver

#### DIN rail

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

## Bolt connection terminal block - RBO 10-HC - 3247976

### Accessories

DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver



## Bolt connection terminal block - RBO 10-HC - 3247976

### Accessories

DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

End cap - NS 35/ 7,5 CAP - 1206560



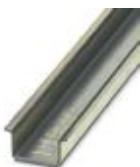
DIN rail end piece, for DIN rail NS 35/7.5

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

## Bolt connection terminal block - RBO 10-HC - 3247976

### Accessories

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

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DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

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DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

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DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

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DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

## Bolt connection terminal block - RBO 10-HC - 3247976

### Accessories

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

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End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

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DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, unperforated, Standard profile 2.3 mm, width: 35 mm, height: 15 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

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End block

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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Insulating sleeve

Insulating sleeve - PS-IH WH - 0311566



Insulating sleeve, color: white

## Bolt connection terminal block - RBO 10-HC - 3247976

### Accessories

Insulating sleeve - PS-IH RD - 0311579



Insulating sleeve, color: red

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Insulating sleeve - PS-IH BU - 0311582



Insulating sleeve, color: blue

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Insulating sleeve - PS-IH YE - 0311595



Insulating sleeve, color: yellow

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Insulating sleeve - PS-IH GN - 0311605



Insulating sleeve, color: green

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Insulating sleeve - PS-IH GY - 0311621



Insulating sleeve, color: gray

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## Bolt connection terminal block - RBO 10-HC - 3247976

### Accessories

Insulating sleeve - PS-IH BK - 0311634



Insulating sleeve, color: black

Insulating sleeve - PS-IH VT - 0311618



Insulating sleeve, color: violet

### Labeled device marker

Label - EML (51X25)R YE /RBO8 - 0801353



Label, yellow/black, labeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2: Lightning flash, mounting type: adhesive, lettering field size: 51 x 25 mm

### Labeled terminal marker

Zack marker strip - ZB 10 CUS - 0824941



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

Zack marker strip - ZB10,LGS:FORTL.ZAHLEN - 1053014



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

## Bolt connection terminal block - RBO 10-HC - 3247976

### Accessories

#### Zack marker strip - ZB10,QR:FORTL.ZAHLEN - 1053027



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

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#### Marker for terminal blocks - ZB10,LGS:L1-N,PE - 1053412



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

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#### Marker for terminal blocks - ZB10,LGS:U-N - 1053438



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: U, V, W, N, GND, U, V, W, N, GND, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

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#### Marker for terminal blocks - UC-TM 10 CUS - 0824605



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 9.6 x 10.5 mm, Number of individual labels: 48

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#### Marker for terminal blocks - UCT-TM 10 CUS - 0829623



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 8.9 x 9.6 mm, Number of individual labels: 36

## Bolt connection terminal block - RBO 10-HC - 3247976

### Accessories

Zack Marker strip, flat - ZBF10 CUS - 0825031



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 10 mm, lettering field size: 5.15 x 10 mm, Number of individual labels: 10

Zack Marker strip, flat - ZBF10,LGS:FORTL.ZAHLEN - 0810009



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into flat marker groove, for terminal block width: 10 mm, lettering field size: 5.15 x 10 mm, Number of individual labels: 10

Zack Marker strip, flat - ZBF10,QR:FORTL.ZAHLEN - 0810025



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into flat marker groove, for terminal block width: 10 mm, lettering field size: 5.15 x 10 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TMF 10 CUS - 0824662



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 10.2 mm, lettering field size: 9.6 x 5.1 mm, Number of individual labels: 48

Marker for terminal blocks - UCT-TMF 10 CUS - 0829679



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 10.2 mm, lettering field size: 9.4 x 4.7 mm, Number of individual labels: 36

### Marker carriers

## Bolt connection terminal block - RBO 10-HC - 3247976

### Accessories

Terminal strip marker carrier - KLM 3-L - 0814788



Terminal strip marker carrier, height-adjustable, for end brackets CLIPFIX 15, CLIPFIX 35 and CLIPFIX 35-5, can be labeled with BMK...20 x 8 labels, or directly with the M-PEN or X-PEN

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### Pick-off terminal block

Pick-off terminal block - AGK PT 4X6/M10 - 1017448



Pick-off terminal block, nom. voltage: 1000 V, nominal current: 41 A, connection method: Push-in connection, Bolt connection, number of connections: 5, cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 8, width: 31 mm, height: 32.3 mm, color: gray, mounting type: on base element

Pick-off terminal block - AGK PT 8X6/M10 - 1017450



Pick-off terminal block, nom. voltage: 1000 V, nominal current: 41 A, connection method: Push-in connection, Bolt connection, number of connections: 9, cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 8, width: 31 mm, height: 32.3 mm, color: gray, mounting type: on base element

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### Terminal marking

Zack marker strip - ZB 10:UNBEDRUCKT - 1053001



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.5 x 10.15 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TM 10 - 0818069



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 9.6 x 10.5 mm, Number of individual labels: 48



## Bolt connection terminal block - RBO 10-HC - 3247976

### Accessories

#### Marker for terminal blocks - UCT-TM 10 - 0829142



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 8.9 x 9.6 mm, Number of individual labels: 36

#### Zack Marker strip, flat - ZBF10:UNBEDRUCKT - 0809997



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into flat marker groove, for terminal block width: 10 mm, lettering field size: 5.15 x 10 mm, Number of individual labels: 10

#### Marker for terminal blocks - UC-TMF 10 - 0818124



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 10.2 mm, lettering field size: 9.6 x 5.1 mm, Number of individual labels: 48

#### Marker for terminal blocks - UCT-TMF 10 - 0829204



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 10.2 mm, lettering field size: 9.4 x 4.7 mm, Number of individual labels: 36

### Test plug terminal block

#### Test plugs - PS-MT - 0311647



Test plugs, color: silver

### Warning label printed

## Bolt connection terminal block - RBO 10-HC - 3247976

### Accessories

Warning label - PML-W101 (25X25) - 0830433



Warning label, Sheet, yellow/black, labeled: Lightning flash, mounting type: adhesive, diameter: 0 mm, lettering field size: 25 x 25 mm, Number of individual labels: 25

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