

## Bolt connection terminal block - RBO 12-3L-HC - 3076060

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Bolt connection terminal block, Connection method: Bolt connection, Cross section: 10 mm<sup>2</sup> - 240 mm<sup>2</sup>, AWG: 8 - 500, Width: 147 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15, Direct screw connection

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 1             |
| GTIN             | 4046356653206 |

### Technical data

#### General

|   |      |
|---|------|
| Number of levels                        | 1    |
| Number of connections                   | 6    |
| Color                                   | gray |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |

#### General

|                                  |  |
|----------------------------------|--|
| Maximum load current             | 415 A (At 240 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage              | 8 kV   |
| Pollution degree                 | 3  |
| Surge voltage category           | III  |
| Insulating material group        | I  |
| Connection in acc. with standard | IEC 60947-7-1  |
| Nominal current I <sub>N</sub>   | 415 A  |
| Nominal voltage U <sub>N</sub>   | 1500 V   |
| Open side panel                  | nein   |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 147 mm  |
| Length           | 265 mm  |
| Height NS 35/7,5 | 88.3 mm |
| Height NS 35/15  | 95.8 mm |

#### Connection data

|                                  |                  |
|----------------------------------|------------------|
| Note                             | Connection bolts |
| Connection in acc. with standard | IEC 60947-7-1    |

## Bolt connection terminal block - RBO 12-3L-HC - 3076060

### Technical data

#### Connection data

|   |                     |
|---|---------------------|
| Connection method                           | Bolt connection     |
| Conductor cross section solid min.          | 10 mm <sup>2</sup>  |
| Conductor cross section solid max.          | 240 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.      | 8                   |
| Conductor cross section AWG/kcmil max       | 500                 |
| Conductor cross section stranded min.       | 10 mm <sup>2</sup>  |
| Conductor cross section stranded max.       | 240 mm <sup>2</sup> |
| Min. AWG conductor cross section, stranded  | 8                   |
| Max. AWG conductor cross section, stranded  | 500                 |
| Min. cross section for cable lug connection | 10 mm <sup>2</sup>  |
| Max. cross section for cable lug connection | 240 mm <sup>2</sup> |
| Screw thread                                | M12                 |
| Tightening torque, min                      | 14 Nm               |
| Tightening torque max                       | 30 Nm               |

### classifications

#### eCl@ss

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

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

### approvals

GOST /

# Bolt connection terminal block - RBO 12-3L-HC - 3076060

approvals

Approval details



accessories

## Labeled device marker

EML (51X25)R YE /RBO8 - 0801353



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## Cover

HC-RBO 12 - 3247983



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## Marker carriers

KLM 3-L - 0814788



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## Bridge

RBO 12-VS 2 - 3244669



## Bolt connection terminal block - RBO 12-3L-HC - 3076060

accessories

RBO 12-VS 3 - 3244672



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### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



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NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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



## Bolt connection terminal block - RBO 12-3L-HC - 3076060

### accessories

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



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



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



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



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



## Bolt connection terminal block - RBO 12-3L-HC - 3076060

accessories

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NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



## Bolt connection terminal block - RBO 12-3L-HC - 3076060

### accessories

NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



### Terminal marking

ZB 10:UNBEDRUCKT - 1053001



## Bolt connection terminal block - RBO 12-3L-HC - 3076060

### accessories

UC-TM 10 - 0818069



UCT-TM 10 - 0829142



ZBF10:UNBEDRUCKT - 0809997



UC-TMF 10 - 0818124



UCT-TMF 10 - 0829204



**Labeled terminal marker**



## Bolt connection terminal block - RBO 12-3L-HC - 3076060

### accessories

ZB 10 CUS - 0824941



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ZB10,LGS:FORTL.ZAHLEN - 1053014



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ZB10,QR:FORTL.ZAHLEN - 1053027



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ZB10,LGS:GLEICHE ZAHLEN - 1053030



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ZB10,LGS:L1-N,PE - 1053412



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ZB10,LGS:U-N - 1053438



## Bolt connection terminal block - RBO 12-3L-HC - 3076060

### accessories

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UC-TM 10 CUS - 0824605



UCT-TM 10 CUS - 0829623



ZBF10 CUS - 0825031



ZBF10,LGS:FORTL.ZAHLEN - 0810009



ZBF10,QR:FORTL.ZAHLEN - 0810025



## Bolt connection terminal block - RBO 12-3L-HC - 3076060

### accessories

UC-TMF 10 CUS - 0824662



UCT-TMF 10 CUS - 0829679



### Test plug terminal block

PS-MT - 0311647



### Insulating sleeve

PS-IH WH - 0311566



PS-IH RD - 0311579



## Bolt connection terminal block - RBO 12-3L-HC - 3076060

### accessories

PS-IH BU - 0311582



PS-IH YE - 0311595



PS-IH GN - 0311605



PS-IH GY - 0311621



PS-IH BK - 0311634



PS-IH VT - 0311618



# Bolt connection terminal block - RBO 12-3L-HC - 3076060

accessories

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## Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



## End block

E/AL-NS 35 - 1201662



## Drawings

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