

Component terminal block - UDK 4-ULA 48 RD/O-U - 2775032

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Component terminal block, Connection type: Screw connection, Cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, Nominal current: 32 A, Nominal voltage: 500 V, Length: 63.5 mm, Width: 6.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15, NS 32

The illustration shows version UDK 4-ULA 230

Key commercial data

| | |
|--------------------------------------|--|
| Packing unit | 1 pc |
| GTIN |  4 017918 068387 |
| Weight per Piece (excluding packing) | 13.91 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 3 |
| Color | gray |
| Insulating material | PA |
| Inflammability class according to UL 94 | V2 |
| Maximum load current | 32 A (with 6 mm ² conductor cross section) |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I _N | 32 A (the maximum load current must not be exceeded by the total current of all connected conductors) |
| Nominal voltage U _N | 500 V (to neighboring terminal blocks.) |
| Open side panel | ja |

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Technical data

Dimensions

| | |
|------------------|---------|
| Width | 6.2 mm |
| Length | 63.5 mm |
| Height NS 35/7,5 | 47 mm |
| Height NS 35/15 | 54.5 mm |
| Height NS 32 | 52 mm |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 1.5 mm ² |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 1 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm ² |
| Cross section with insertion bridge, solid max. | 2.5 mm ² |
| Cross section with insertion bridge, stranded max. | 2.5 mm ² |
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Internal cylindrical gage | A4 |
| Screw thread | M3 |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |

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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 | 27141127 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000903 |

UNSPSC

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

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized


Ex Approvals


Approvals submitted


Approval details

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Approvals


| | |
|---|-------|
| CSA  | |
| mm ² /AWG/kcmil | 22-12 |
| Nominal current IN | 10 A |
| Nominal voltage UN | 600 V |

| | | | | |
|---|-------|-------|-------|-------|
| UL Recognized  | | | | |
| | | B | C | D |
| mm ² /AWG/kcmil | 30-10 | 30-10 | 30-10 | |
| Nominal current IN | 30 A | 30 A | 5 A | 30 A |
| Nominal voltage UN | 300 V | 300 V | 600 V | 600 V |

| | | | | |
|--|-------|-------|-------|-------|
| cUL Recognized  | | | | |
| | | B | C | D |
| mm ² /AWG/kcmil | 30-10 | 30-10 | 30-10 | |
| Nominal current IN | 30 A | 30 A | 5 A | 30 A |
| Nominal voltage UN | 300 V | 300 V | 600 V | 600 V |

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| GOST  | |
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| cULus Recognized  | |
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