

## Power terminal block - AK 16 - 0404033

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Power terminal block, Connection method Screw connection, Load current : 76 A, Cross section: 1.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, Width: 9.8 mm, Color: silver

### Product description

Power terminal block, Connection method Screw connection, Load current : 76 A, Cross section: 1.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, Width: 9.8 mm, Color: silver



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1                                                                                                       |
| Minimum order quantity               | 50                                                                                                      |
| Catalog page                         | Page 499 (CL1-2011)                                                                                     |
| GTIN                                 | <br>4 017918 001858 |
| Weight per piece (including packing) | 0.0 GRM                                                                                                 |
| Weight per Piece (excluding packing) | 9.51 GRM                                                                                                |
| Country of origin                    | CHINA                                                                                                   |

### Technical data

#### General

|                                         |        |
|-----------------------------------------|--------|
| Color                                   | silver |
| Insulating material                     | PA     |
| Inflammability class according to UL 94 | V2     |

#### Dimensions

|        |         |
|--------|---------|
| Length | 23.5 mm |
| Width  | 9.8 mm  |

#### Technical data

|                                |                                                        |
|--------------------------------|--------------------------------------------------------|
| Maximum load current           | 76 A (with 16 mm <sup>2</sup> conductor cross section) |
| Nominal current I <sub>N</sub> | 76 A                                                   |

#### Connection data

|                                    |                     |
|------------------------------------|---------------------|
| Conductor cross section solid min. | 1.5 mm <sup>2</sup> |
| Conductor cross section solid max. | 16 mm <sup>2</sup>  |

# Power terminal block - AK 16 - 0404033

## Technical data

### Connection data

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| Conductor cross section stranded min.                                                   | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 16 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                                  | 16                  |
| Conductor cross section AWG/kcmil max                                                   | 6                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 16 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 16 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                                        | 1.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min.                                     | 1.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 1.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 1.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm <sup>2</sup>  |
| Connection method                                                                       | Screw connection    |
| Stripping length                                                                        | 16 mm               |
| Screw thread                                                                            | M5                  |
| Tightening torque, min                                                                  | 2.5 Nm              |
| Tightening torque max                                                                   | 3 Nm                |

## Classifications

### eclass

|            |          |
|------------|----------|
| eClass 4.0 | 27141131 |
| eClass 4.1 | 27141131 |
| eClass 5.0 | 27141131 |
| eClass 5.1 | 27141131 |
| eClass 6.0 | 27141120 |

### etim

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |

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### Classifications

#### unspsc

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

### Approvals

#### Certificates

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##### Certification

GOST / GOST

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##### Certification EX

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##### Certification submitted

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#### Approval details

|      |
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| GOST |
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| GOST |
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### Accessories

#### Accessories

#### Assembly

Support - UAB 1 - 3032431

Support, Width: 2 mm, Color: blue



## Power terminal block - AK 16 - 0404033

### Accessories

#### Support - ABN 2/SS - 0404460

Double support, insulating material, optionally for use with 3 x 10 mm or 6 x 6 mm busbar, height in closed state: 39 mm



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#### Support - AB2/SS - 0404431

Double support, insulating material, optionally for use with 3 mm x 10 mm or 6 mm x 6 mm busbar, height: 48 mm



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#### Support - AB/SS - 0404428

Support made of insulating material, with retaining screw, for use with either 3 x 10 mm or 6 x 6 mm busbar, color: gray



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#### Neutral busbar - NLS-CU 3/10 SN 1000MM - 0402174

PEN conductor busbar, 3mm x 10 mm, length: 1000 mm



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### Marking

#### Zack marker strip - ZB 6:UNBEDRUCKT - 1051003

Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For term



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### Tools

## Power terminal block - AK 16 - 0404033

### Accessories

Screwdriver - SZS 1,0X4,0 VDE - 1205066

Screwdriver, bladed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip



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Screwdriver - SZS 1,0X6,5 VDE - 1205079

Screwdriver, bladed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip

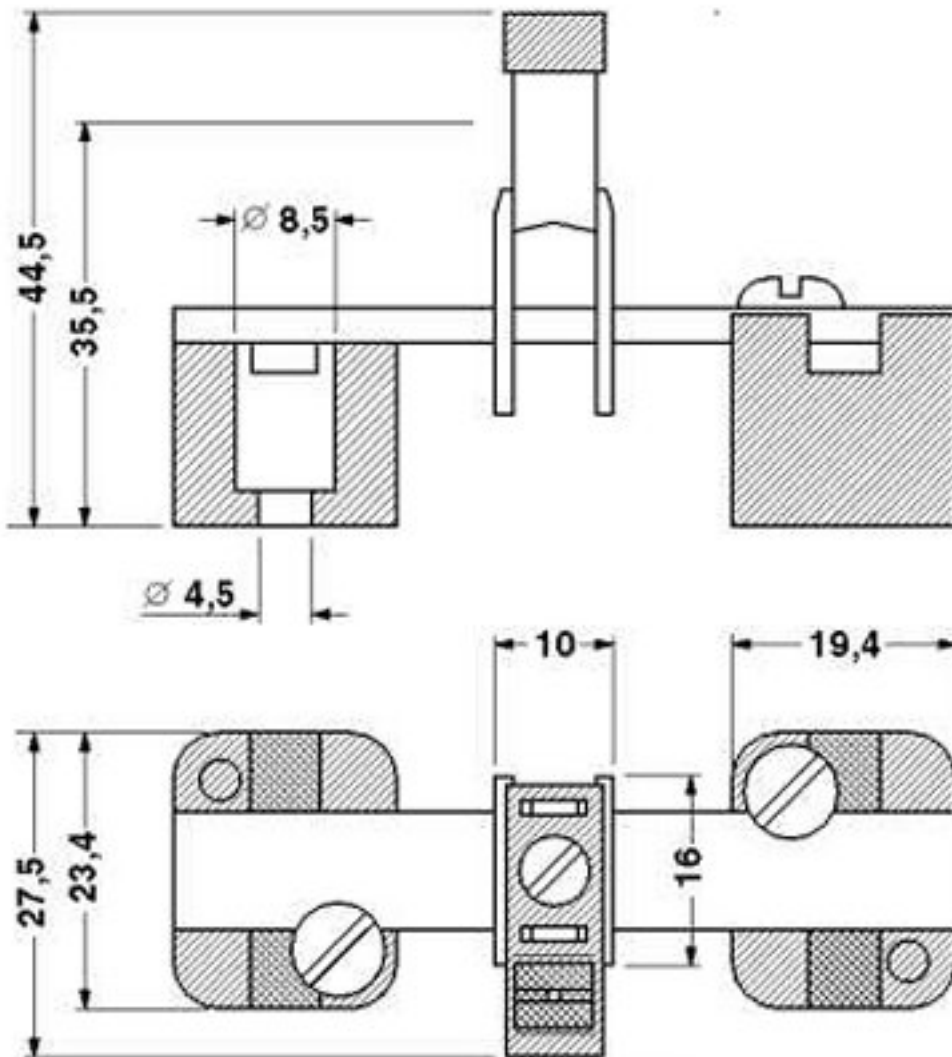


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### Drawings

## Power terminal block - AK 16 - 0404033

Dimensioned drawing



## Power terminal block - AK 16 - 0404033

Dimensioned drawing

