

## Power terminal block - AK 4 - 0404017

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Power terminal block, Connection method Screw connection, Load current : 41 A, Cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, Width: 7 mm, Color: silver

### Product description

Power terminal block, Connection method Screw connection, Load current : 41 A, Cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, Width: 7 mm, Color: silver



### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 498 (CL1-2011)
GTIN	 4 017918 001841
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	4.9 GRM
Country of origin	GERMANY

### Technical data

#### General

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

#### Dimensions

Length	23.5 mm
Width	7 mm

#### Technical data

Maximum load current	41 A (with 6 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	32 A

#### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>

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## Technical data

### Connection data

Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	16 mm
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 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

Certification

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

Certification EX

Certification submitted

### Approval details

UL Recognized			
		B	C
mm <sup>2</sup> /AWG/kcmil	10-10	10-10	
Nominal current IN	30 A	30 A	
Nominal voltage UN	250 V	300 V	

cUL Recognized			
		B	C
mm <sup>2</sup> /AWG/kcmil	10-10	10-10	
Nominal current IN	30 A	30 A	
Nominal voltage UN	250 V	300 V	

GOST
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GOST
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cULus Recognized
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## Accessories

Accessories

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### Accessories

#### Assembly

Support - UAB 1 - 3032431

Support, Width: 2 mm, Color: blue



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



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



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



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

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



#### Marking

## Power terminal block - AK 4 - 0404017

### Accessories

Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004

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

Screwdriver - SZS 0,6X3,5 - 1205053

Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-co



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### Drawings

# Power terminal block - AK 4 - 0404017

Dimensioned drawing



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Dimensioned drawing

