

# Power terminal block - AKG 35 BK - 0424039

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Power terminal block, Connection method Screw connection, Load current : 125 A, Cross section: 2.5 mm<sup>2</sup> - 35 mm<sup>2</sup>, Width: 14.3 mm, Color: black

## Product description

Power terminal block, Connection method Screw connection, Load current : 125 A, Cross section: 2.5 mm<sup>2</sup> - 35 mm<sup>2</sup>, Width: 14.3 mm, Color: black



## Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 499 (CL1-2011)
GTIN	 4 017918 002060
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	19.7 GRM
Country of origin	GERMANY

## Technical data

### General

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

### Dimensions

Length	27 mm
Width	14.3 mm

### Technical data

Maximum load current	125 A (with 35 mm <sup>2</sup> conductor cross section)
Connection in acc. with standard	IEC / EN
Nominal current I <sub>N</sub>	125 A

### Connection data

Conductor cross section solid min.	2.5 mm <sup>2</sup>
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# Power terminal block - AKG 35 BK - 0424039

## Technical data

### Connection data

Conductor cross section solid max.	35 mm <sup>2</sup>
Conductor cross section stranded min.	2.5 mm <sup>2</sup>
Conductor cross section stranded max.	25 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	14
Conductor cross section AWG/kcmil max	2
Conductor cross section stranded, with ferrule without plastic sleeve min.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	35 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	35 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.	16 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.	16 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.	16 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	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 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

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

Certification EX

Certification submitted

### Approval details

CSA	
mm <sup>2</sup> /AWG/kcmil	18-2
Nominal current I <sub>N</sub>	135 A

UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	18-2	18-2
Nominal current I <sub>N</sub>	115 A	115 A
Nominal voltage U <sub>N</sub>	250 V	300 V

cUL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	18-2	18-2
Nominal current I <sub>N</sub>	115 A	115 A
Nominal voltage U <sub>N</sub>	250 V	300 V

GOST
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GOST
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## Power terminal block - AKG 35 BK - 0424039

### Approvals

cULus Recognized

### Accessories

#### Accessories

#### Assembly

#### 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 - UAB 1 - 3032431

Support, Width: 2 mm, Color: blue



#### 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



#### 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



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

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



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### Accessories

#### 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

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

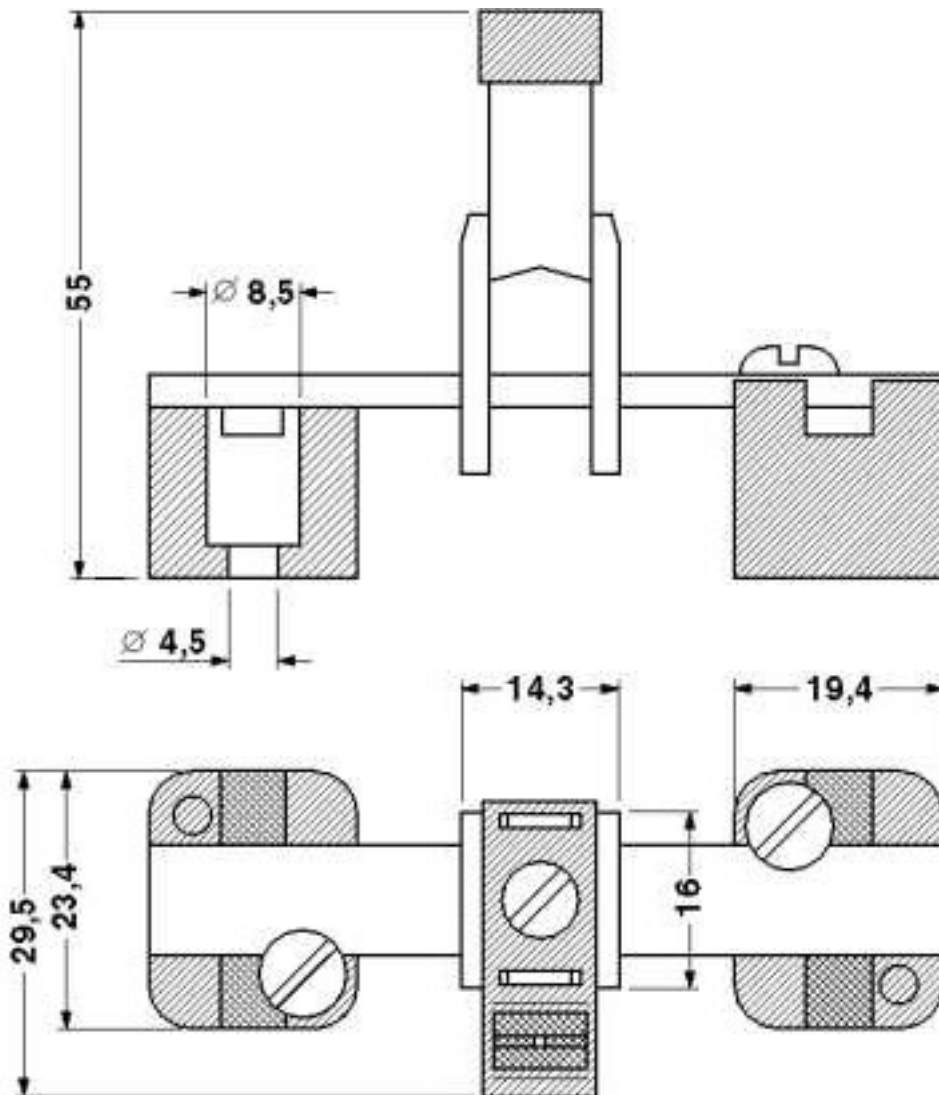


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#### Drawings

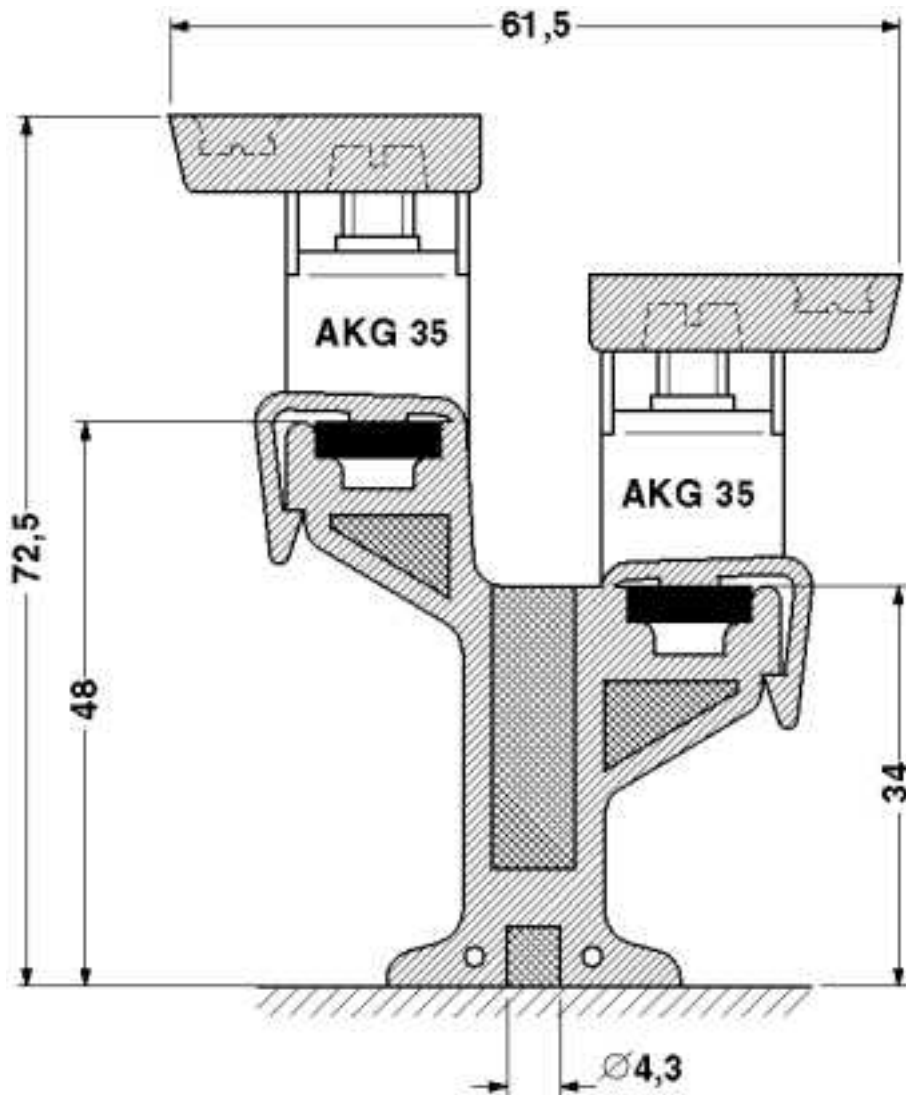
# Power terminal block - AKG 35 BK - 0424039

Dimensioned drawing



## Power terminal block - AKG 35 BK - 0424039

Dimensioned drawing



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