

## Connection terminal block - AKG 4 BK - 0421032

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Connection terminal block, Connection method Screw connection, Cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, Width: 7 mm, Color: black

RoHS

### Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 001933
GTIN	4017918001933
Weight per Piece (excluding packing)	5.440 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### General

Color	black
Insulating material	PA
Nominal cross section	4 mm <sup>2</sup>
Flammability rating according to UL 94	V2
Maximum power dissipation for nominal condition	1.31 W
Nominal current I <sub>N</sub>	41 A
Maximum load current	41 A (with 6 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	300 V

#### Dimensions

Length	23.7 mm
Width	7 mm

#### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
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# Connection terminal block - AKG 4 BK - 0421032

## Technical data

### Connection data

Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Conductor cross section AWG min.	20
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, 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

### Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V2

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Approvals

### Approvals

#### Approvals


UL Recognized / cUL Recognized / EAC / EAC / CSA / cULus Recognized


# Connection terminal block - AKG 4 BK - 0421032


## Approvals

Ex Approvals


### Approval details


UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	C	
mm <sup>2</sup> /AWG/kcmil	22-12	22-12	
Nominal current IN	20 A	20 A	
Nominal voltage UN	250 V	300 V	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	C	
mm <sup>2</sup> /AWG/kcmil	22-12	22-12	
Nominal current IN	20 A	20 A	
Nominal voltage UN	250 V	300 V	

EAC		7500651.22.01.00246
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EAC		EAC-Zulassung
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CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
mm <sup>2</sup> /AWG/kcmil	22-12		
Nominal current IN	20 A		

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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