

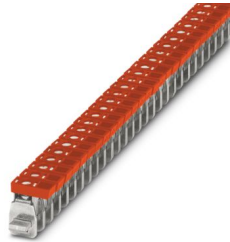
# AKG 16 RD - Connection terminal block



3062951

<https://www.phoenixcontact.com/us/products/3062951>

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Connection terminal block, nom. voltage: 300 V, nominal current: 76 A, connection method: Screw connection, Rated cross section: 16 mm<sup>2</sup>, cross section: 1.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, mounting: Neutral busbar, color: red

## Commercial data

Item number	3062951
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE73
Product key	BE7331
GTIN	4046356558365
Weight per piece (including packing)	10.564 g
Weight per piece (excluding packing)	10.426 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Installation terminal block
Number of connections	1
Number of rows	1

### Electrical properties

Maximum load current	76 A (with 16 mm <sup>2</sup> conductor cross-section)
Maximum power dissipation for nominal condition	2.43 W
Nominal current I <sub>N</sub>	76 A
Current carrying capacity of the neutral busbar	140 A

### Connection data

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

#### Level 1 above 1 below 1

Connection method	Screw connection
Screw thread	M5
Tightening torque	2.5 ... 3 Nm
Stripping length	16 mm
Conductor cross-section rigid	1.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Cross section AWG	14 ... 6 (converted acc. to IEC)
Conductor cross-section flexible	1.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	14 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	1.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	1.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
2 conductors with same cross section, rigid	1.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
2 conductors with same cross section, flexible	1.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	1.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Nominal cross section	16 mm <sup>2</sup>
Nominal current	76 A
Maximum load current	76 A (with 16 mm <sup>2</sup> conductor cross-section)
Nominal voltage	300 V

### Dimensions

Width	9.8 mm
Height	23.7 mm
Depth	29 mm
Length	23.7 mm

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## Material specifications

Color	red (RAL 3001)
Flammability rating according to UL 94	V2
Insulating material	PA

## Mounting

Mounting type	Neutral busbar
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3062951>

 <b>CSA</b> Approval ID: 13631				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	-	65 A	18 - 6	-

 <b>UL Recognized</b> Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
B				
	-	65 A	18 - 6	-
C				
	-	65 A	18 - 6	-
F				
	-	65 A	18 - 6	-

 <b>EAC</b> Approval ID: KZ7500651131219505				
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## Classifications

### ECLASS

ECLASS-13.0	27250116
ECLASS-15.0	27250116

### ETIM

ETIM 10.0	EC000001
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### UNSPSC

UNSPSC 21.0	31162900
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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