

Connection terminal block - AKG 35 RD - 3062980

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Connection terminal block, connection method: Screw connection, load current: 125 A, cross section: 2.5 mm² - 35 mm², width: 14.3 mm, color: red

RoHS

Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356558396

Technical data

General

Color	red
Insulating material	PA
Nominal cross section	35 mm ²
Flammability rating according to UL 94	V2
Maximum load current	125 A (with 35 mm ² conductor cross section)
Connection in acc. with standard	IEC / EN
Nominal current I _N	125 A
Maximum load current	125 A (with 35 mm ² conductor cross section)
Nominal voltage U _N	300 V

Dimensions

Length	27 mm
Width	14.3 mm

Connection data

Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section flexible min.	2.5 mm ²
Conductor cross section flexible max.	35 mm ²

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Technical data

Connection data

Conductor cross section AWG min.	14
Conductor cross section AWG max.	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm ²
2 conductors with same cross section, solid min.	1.5 mm ²
2 conductors with same cross section, solid max.	16 mm ²
2 conductors with same cross section, stranded min.	1.5 mm ²
2 conductors with same cross section, stranded max.	16 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	1.5 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	16 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	1.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	10 mm ²
Connection method	Screw connection
Stripping length	16 mm
Screw thread	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC / EN
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

Classifications

eCl@ss

eCl@ss 10.0.1	27141146
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141120

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Classifications

eCl@ss

eCl@ss 8.0	27141120
eCl@ss 9.0	27141146

ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897
ETIM 6.0	EC000001
ETIM 7.0	EC000001

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 18.0	39121426
UNSPSC 19.0	39121426
UNSPSC 20.0	39121426
UNSPSC 21.0	39121426

Approvals


Approvals

Approvals

CSA / UL Recognized / EAC / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal current IN	135 A		
mm ² /AWG/kcmil	18-2		

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		B	C
Nominal current I _N		115 A	115 A
mm ² /AWG/kcmil		18-2	18-2

EAC		EAC-Zulassung
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EAC		RU C- DE.BL08.B.00534
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Accessories

Accessories

Neutral conductor rail

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



Neutral busbar, width: 10 mm, height: 3 mm, DIN VDE 0611-4: 1991-02, material: Copper, tin-plated, length: 1000 mm, color: silver

Screwdriver tools

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



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

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



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

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Accessories

Support

Support bracket - UAB 1 - 3032431



Support bracket, number of positions: 1, width: 2 mm, color: gray

Support bracket - AB/SS - 0404428



Support bracket made from insulation material, with retaining screw, can be used with either 3 x 10 mm or 6 x 6 mm busbar, color: gray

Support bracket - AB2/SS - 0404431



Double support bracket, 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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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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