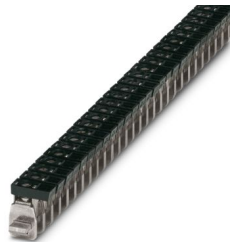


AKG 16 BK - Connection terminal block



0423030
<https://www.phoenixcontact.com/in/products/0423030>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Connection terminal block, nom. voltage: 300 V, nominal current: 76 A, connection method: Screw connection, Rated cross section: 16 mm², cross section: 1.5 mm² - 16 mm², mounting: Neutral busbar, color: black

Commercial data

Item number	0423030
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE7
Product key	BE7331
Catalog page	Page 555 (C-3-2019)
GTIN	4017918002015
Weight per piece (including packing)	10.663 g
Weight per piece (excluding packing)	10.495 g
Customs tariff number	85369010
Country of origin	IN

AKG 16 BK - Connection terminal block



0423030

<https://www.phoenixcontact.com/in/products/0423030>

Technical data

Product properties

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

Data management status

Article revision	05
------------------	----

Electrical properties

Maximum load current	76 A (with 16 mm ² conductor cross section)
Maximum power dissipation for nominal condition	2.43 W
Nominal current I _N	76 A
Current carrying capacity of the neutral busbar	140 A

Connection data

Nominal cross section	16 mm ²
Maximum load current	76 A (with 16 mm ² conductor cross section)

Level 1 above 1 below 1

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

Dimensions

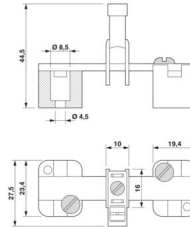
AKG 16 BK - Connection terminal block



0423030

<https://www.phoenixcontact.com/in/products/0423030>

Dimensional drawing



Width	9.8 mm
Height	23.4 mm
Depth	32 mm
Length	23.4 mm

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V2
Insulating material	PA
Static insulating material application in cold	-40 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

Mounting type	Neutral busbar
---------------	----------------

AKG 16 BK - Connection terminal block

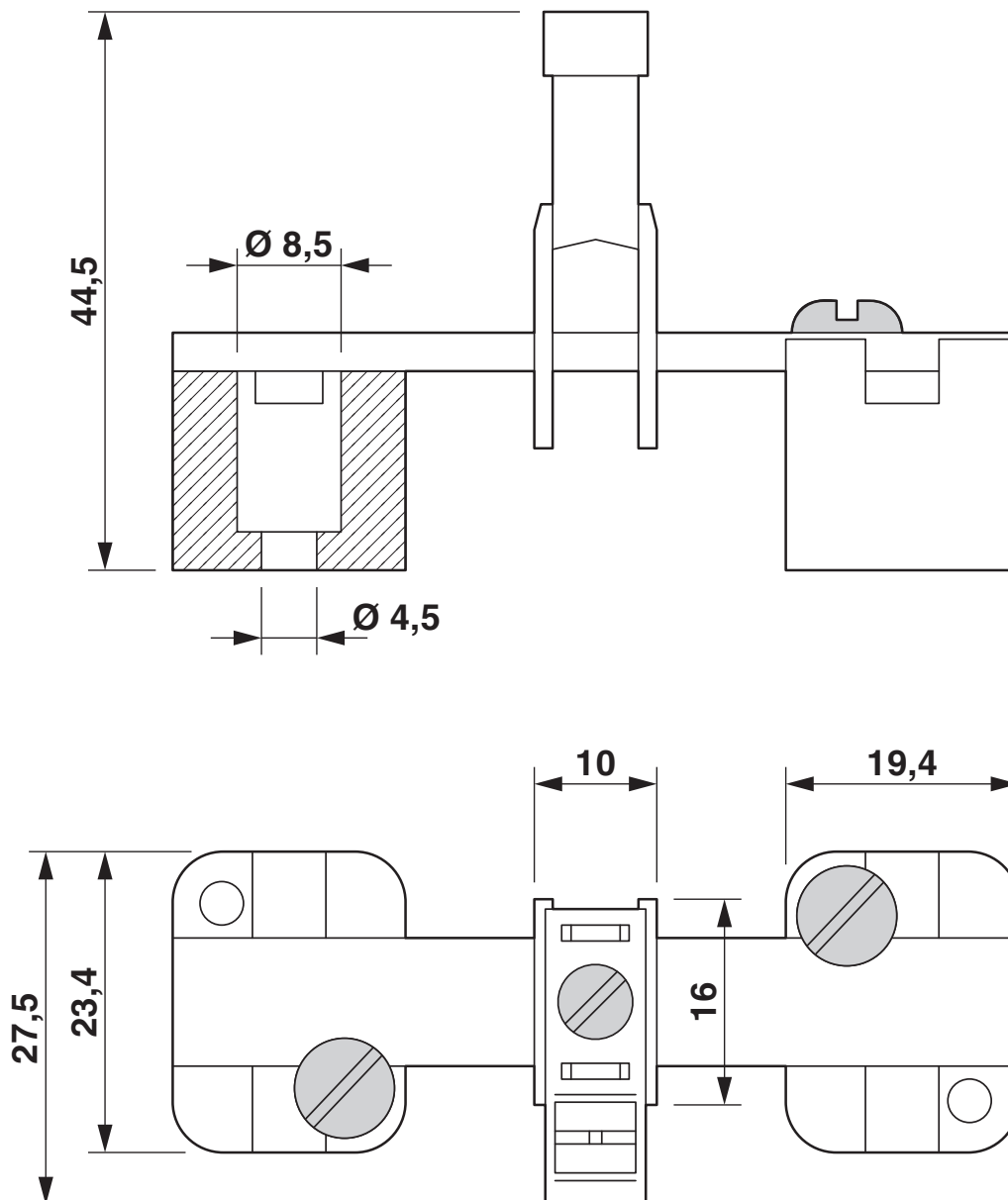
0423030

<https://www.phoenixcontact.com/in/products/0423030>



Drawings

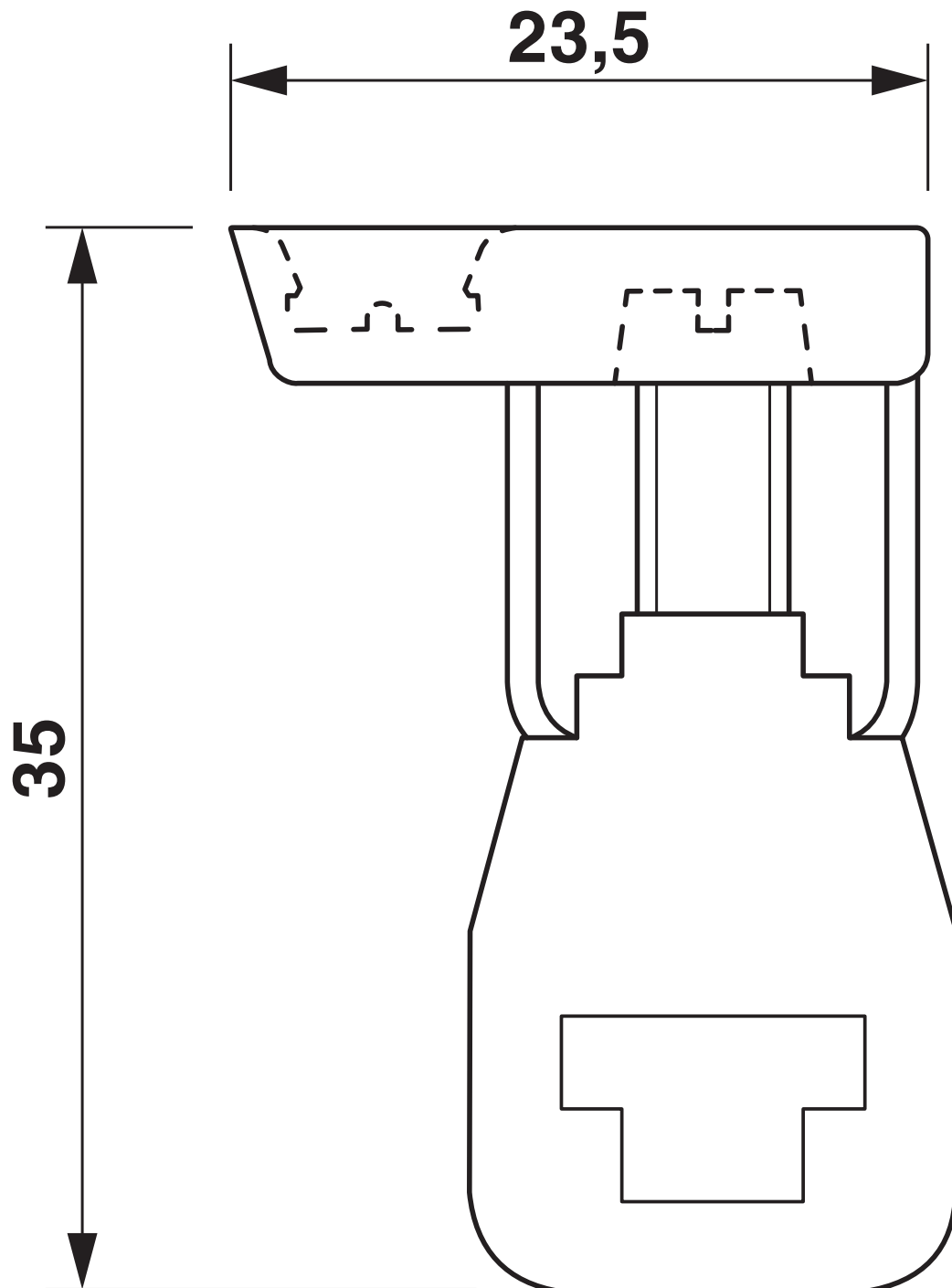
Dimensional drawing



0423030

<https://www.phoenixcontact.com/in/products/0423030>

Dimensional drawing



AKG 16 BK - Connection terminal block



0423030

<https://www.phoenixcontact.com/in/products/0423030>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/0423030>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	-	65 A	18 - 6	-

 UL Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	-	65 A	18 - 6	-
Use group C				
	-	65 A	18 - 6	-
Use group F				
	-	65 A	18 - 6	-

 EAC Approval ID: RU C-DE.BL08.B.00534				
---	--	--	--	--

AKG 16 BK - Connection terminal block



0423030

<https://www.phoenixcontact.com/in/products/0423030>

Classifications

ECLASS

ECLASS-11.0	27141146
ECLASS-12.0	27141146
ECLASS-13.0	27250116

ETIM

ETIM 9.0	EC000001
----------	----------

UNSPSC

UNSPSC 21.0	31162900
-------------	----------

AKG 16 BK - Connection terminal block



0423030
<https://www.phoenixcontact.com/in/products/0423030>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
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%

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420
info@phoenixcontact.co.in