

AK 35 - Connection terminal block



0404046

<https://www.phoenixcontact.com/us/products/0404046>

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Connection terminal block, connection method: Screw connection, Rated cross section: 35 mm², cross section: 2.5 mm² - 35 mm², mounting: Neutral busbar, color: silver

Commercial data

Item number	0404046
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE73
Product key	BE7331
Catalog page	Page 555 (C-3-2019)
GTIN	4017918001865
Weight per piece (including packing)	18.02 g
Weight per piece (excluding packing)	17.75 g
Customs tariff number	85369010
Country of origin	PL

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Technical data

Product properties

Product type	Pick-off terminal
Number of connections	1
Number of rows	1

Electrical properties

Maximum power dissipation for nominal condition	4.06 W
Nominal current I_N	125 A
Current carrying capacity of the neutral busbar	140 A

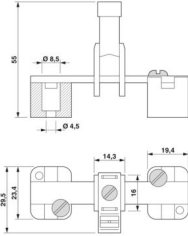
Connection data

Nominal cross section	35 mm ²
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Level 1 above 1 below 1

Screw thread	M6
Tightening torque	3.2 ... 3.7 Nm
Stripping length	16 mm
Connection in acc. with standard	IEC / EN
Conductor cross section rigid	2.5 mm ² ... 35 mm ²
Cross section AWG	12 ... 2 (converted acc. to IEC)
Conductor cross section flexible	2.5 mm ² ... 35 mm ²
Conductor cross section, flexible [AWG]	12 ... 2 (converted acc. to IEC)
2 conductors with same cross section, solid	1.5 mm ² ... 16 mm ²
2 conductors with same cross section, flexible	1.5 mm ² ... 16 mm ²
Maximum load current	125 A (with 35 mm ² conductor cross section)
Nominal cross section	35 mm ²

Dimensions

Dimensional drawing	
Width	14.3 mm
Height	26 mm
Depth	43 mm
Length	26 mm

Material specifications

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Color	silver
Flammability rating according to UL 94	V2

Standards and regulations

Connection in acc. with standard	IEC / EN
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Mounting

Mounting type	Neutral busbar
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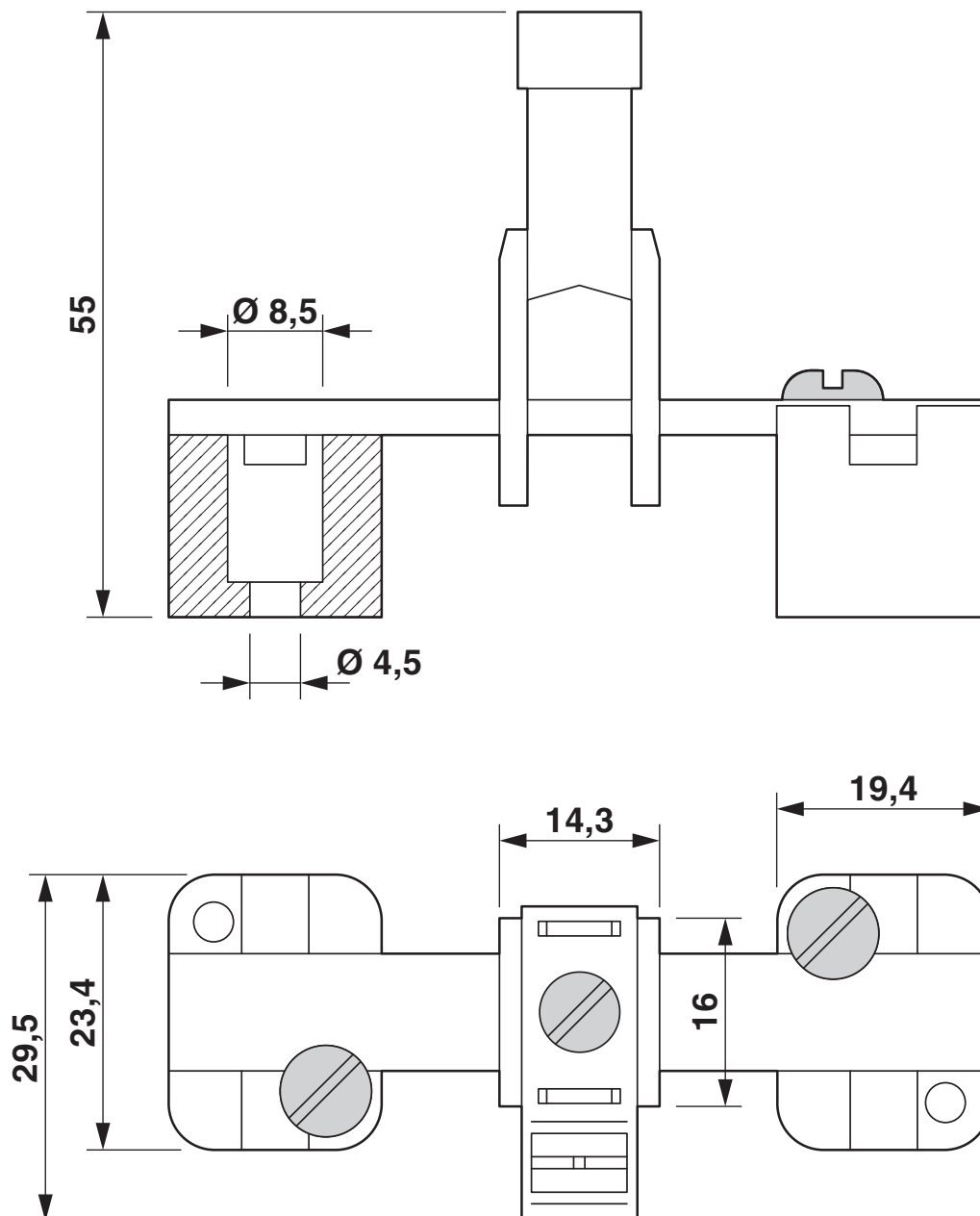
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Drawings

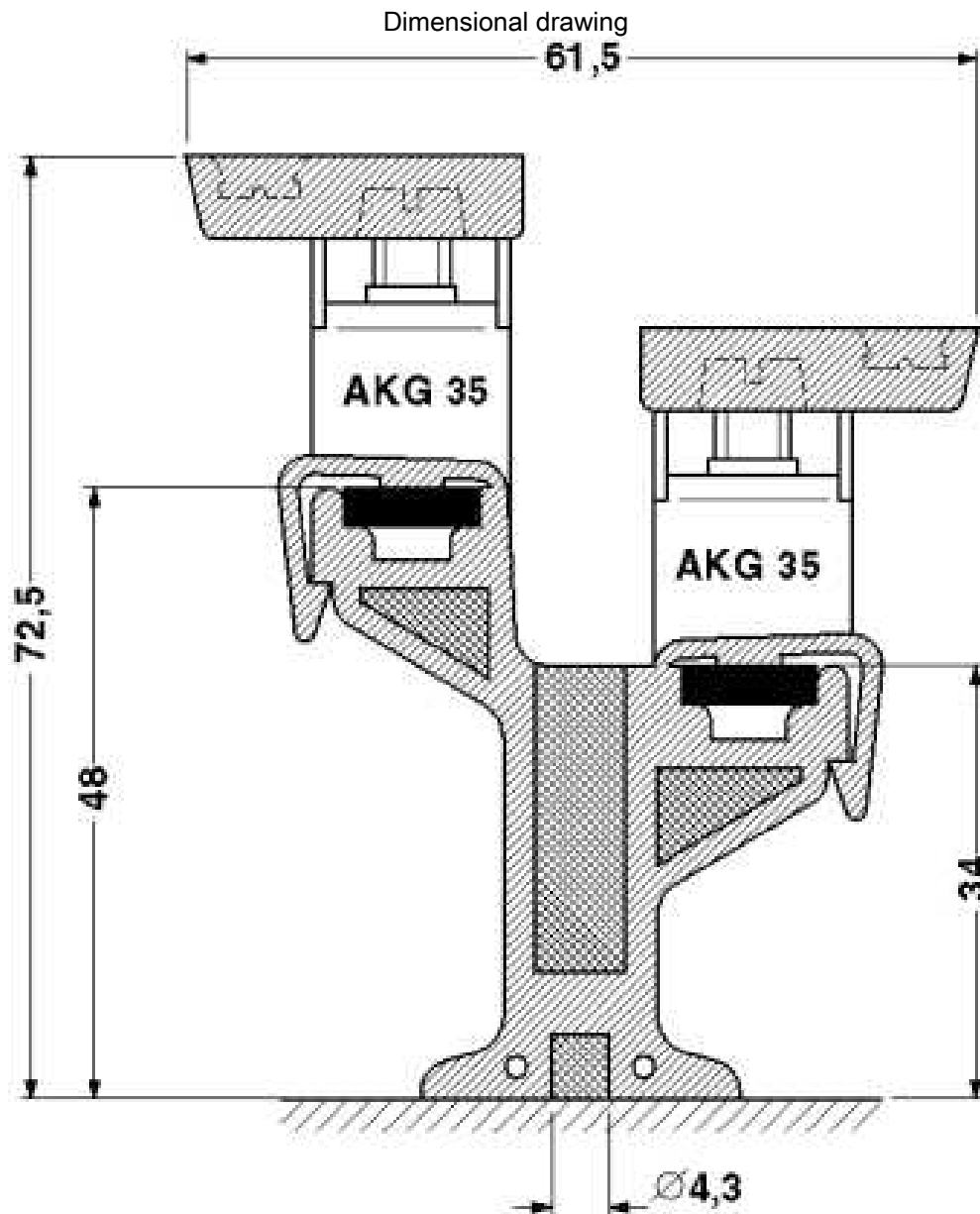
Dimensional drawing



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Approvals

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EAC

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

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Classifications

ECLASS

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

ETIM

ETIM 9.0	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
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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