

AZK 35 - Branch terminal



0702997

<https://www.phoenixcontact.com/pc/products/0702997>

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Branch terminal, nominal current: 125 A, connection method: Screw connection, Rated cross section: 35 mm², cross section: 0.75 mm² - 35 mm², mounting: Neutral busbar, color: aluminum color

Your advantages

- This can be done easily with the branch terminal block because the terminal block can later be attached and firmly clamped anywhere on a copper rail (up to max. 5 mm thick)
- It is often necessary to branch flat copper busbars in switchgear

Commercial data

Item number	0702997
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	BE7331
Catalog page	Page 553 (C-3-2019)
GTIN	4017918003647
Weight per piece (including packing)	42.4 g
Weight per piece (excluding packing)	41.6 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 load current	125 A (with 35 mm ² conductor cross section)
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
Maximum load current	125 A (with 35 mm ² conductor cross section)

Level 1 above 1 below 1

Screw thread	M6
Tightening torque	3.2 ... 3.7 Nm
Stripping length	15 mm
Conductor cross section rigid	0.75 mm ² ... 35 mm ²
Cross section AWG	18 ... 2 (converted acc. to IEC)
Conductor cross section flexible	0.75 mm ² ... 35 mm ²
Conductor cross section, flexible [AWG]	18 ... 2 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm ² ... 35 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.75 mm ² ... 35 mm ²
2 conductors with same cross section, solid	0.75 mm ² ... 10 mm ²
2 conductors with same cross section, flexible	0.75 mm ² ... 10 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.75 mm ² ... 10 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.75 mm ² ... 10 mm ²
Nominal current	125 A
Maximum load current	125 A (with 35 mm ² conductor cross section)
Nominal cross section	35 mm ²

Dimensions

Width	12 mm
Height	40 mm
Depth	36 mm
Length	40 mm

Material specifications

Color	aluminum color
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Mounting

Mounting type	Neutral busbar
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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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