

AZK 35 - Branch terminal



0702997

<https://www.phoenixcontact.com/us/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	10 pc
Sales key	BE73
Product key	BE7331
GTIN	4017918003647
Weight per piece (including packing)	42.2 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

Connection method	Screw connection
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, rigid	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 cross section	35 mm ²
Nominal current	125 A
Maximum load current	125 A (with 35 mm ² conductor cross-section)

Dimensions

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

Material specifications

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Color

aluminum color

Mounting

Mounting type

Neutral busbar

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Approvals

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EAC

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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EF3.1 Climate Change

CO2e kg	0.345 kg CO2e
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