

# 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 mm<sup>2</sup>, cross section: 0.75 mm<sup>2</sup> - 35 mm<sup>2</sup>, 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)	42.4 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 <sup>2</sup> conductor cross-section)
Maximum power dissipation for nominal condition	4.06 W
Nominal current I <sub>N</sub>	125 A
Current carrying capacity of the neutral busbar	140 A

### Connection data

Nominal cross section	35 mm <sup>2</sup>
Maximum load current	125 A (with 35 mm <sup>2</sup> 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 <sup>2</sup> ... 35 mm <sup>2</sup>
Cross section AWG	18 ... 2 (converted acc. to IEC)
Conductor cross-section flexible	0.75 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	18 ... 2 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.75 mm <sup>2</sup> ... 35 mm <sup>2</sup>
2 conductors with same cross section, solid	0.75 mm <sup>2</sup> ... 10 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.75 mm <sup>2</sup> ... 10 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.75 mm <sup>2</sup> ... 10 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.75 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Nominal current	125 A
Maximum load current	125 A (with 35 mm <sup>2</sup> conductor cross-section)
Nominal cross section	35 mm <sup>2</sup>

### 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

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0702997>



**EAC**

Approval ID: KZ7500651131219505

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## Classifications

### ECLASS

ECLASS-13.0	27250116
ECLASS-15.0	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
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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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### EF3.0 Climate Change

CO2e kg	0.345 kg CO2e
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