

# STN 35 - N disconnect terminal block

3038299

<https://www.phoenixcontact.com/us/products/3038299>

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## N disconnect terminal block, **Assembly instructions:**

For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips., nom. voltage: 400 V, nominal current: 125 A, Spring-cage connection, 1st level connection right, Rated cross section: 35 mm<sup>2</sup>, cross section: 2.5 mm<sup>2</sup> - 35 mm<sup>2</sup>, mounting type: NS 35/15, NS 35/7,5, color: blue

## Commercial data

Item number	3038299
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE02
Product key	BE2152
GTIN	4017918899790
Weight per piece (including packing)	86.6 g
Weight per piece (excluding packing)	81.1 g
Customs tariff number	85369010
Country of origin	RO

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## Technical data

### Product properties

Product type	Installation terminal block
Number of connections	2
Number of rows	1
Potentials	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
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### Connection data

Number of connections per level	2
Nominal cross section	35 mm <sup>2</sup>
Tightening torque disconnect slide	M5 2.5 ... 3 Nm

### 1st level connection right

Connection method	Spring-cage connection
Stripping length	25 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	2.5 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Cross section AWG	14 ... 2 (converted acc. to IEC)
Conductor cross-section flexible	2.5 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	14 ... 2 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	2.5 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	2.5 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Nominal cross section	35 mm <sup>2</sup>
Nominal current	125 A
Maximum load current	125 A (with 35 mm <sup>2</sup> conductor cross-section)
Nominal voltage	400 V

### Dimensions

Width	16 mm
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### Material specifications

Color	blue
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

### Mechanical properties

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## Mechanical data

Open side panel	No
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## Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
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## Mounting

Mounting type	NS 35/15
	NS 35/7,5
Screw thread	M5

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## Drawings

### Circuit diagram



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## Environmental product compliance

### 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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