

# EK 116 - Power terminal block



0401010

<https://www.phoenixcontact.com/us/products/0401010>

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Power terminal block, connection method: Screw connection, Rated cross section: 10 mm<sup>2</sup>, cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, mounting: Neutral busbar, color: aluminum color

## Commercial data

Item number	0401010
Packing unit	1 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	BE73
Product key	BE7331
Catalog page	Page 597 (C-3-2017)
GTIN	4017918001766
Weight per piece (including packing)	28.87 g
Weight per piece (excluding packing)	28.5 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	76 A (with 16 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	57 A
Current carrying capacity of the neutral busbar	140 A

### Connection data

Nominal cross section	10 mm <sup>2</sup>
Maximum load current	76 A (with 16 mm <sup>2</sup> conductor cross section)

#### Level 1 above 1 below 1

Screw thread	M5
Tightening torque	1.7 ... 2 Nm
Stripping length	14 mm
Conductor cross section rigid	0.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Cross section AWG	20 ... 6 (converted acc. to IEC)
Conductor cross section flexible	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	20 ... 8 (converted acc. to IEC)
2 conductors with same cross section, solid	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Nominal cross section	10 mm <sup>2</sup>

### Ex data

#### Rated data (ATEX/IECEx)

Torque range for mounting screw	1.7 Nm ... 2 Nm
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### Dimensions

Width	8 mm
Height	36 mm
Length	40 mm

### Material specifications

Color	aluminum color
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### Mounting

Mounting type	Neutral busbar
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## Classifications

### ETIM

ETIM 7.0	EC000001
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### UNSPSC

UNSPSC 21.0	39121426
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## Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
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## Accessories

 Note: Applying some accessories below might limit this product.

### NLS-CU 3/10 SN 1000MM - Neutral busbar

0402174

<https://www.phoenixcontact.com/us/products/0402174>



Neutral busbar, DIN VDE 0611-4: 1991-02, material: Copper, tin-plated, color: silver

 Max. current carrying capacity: 140 A

### AB/SS - Support bracket

0404428

<https://www.phoenixcontact.com/us/products/0404428>



Support bracket made from insulation material, with retaining screw, can be used with either 3 x 10 mm or 6 x 6 mm busbar, color: gray

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## UAB 1 - Support bracket

3032431

<https://www.phoenixcontact.com/us/products/3032431>



Support bracket, number of positions: 1, mounting type: DIN rail mounting, color: gray

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## ABN 2/SS - Support bracket

0404460

<https://www.phoenixcontact.com/us/products/0404460>



Double support bracket, insulating material, optionally for use with 3 x 10 mm or 6 x 6 mm busbar, height in closed state: 39 mm

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## AB2/SS - Support bracket

0404431

<https://www.phoenixcontact.com/us/products/0404431>



Double support bracket, insulating material, optionally for use with 3 mm x 10 mm or 6 mm x 6 mm busbar, height: 48 mm

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## SZS 1,0X6,5 VDE - Screwdriver

1205079

<https://www.phoenixcontact.com/us/products/1205079>



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip

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