

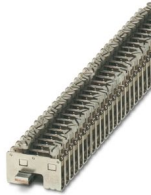
# EK 116 - Power terminal block



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
Note	Made to order (non-returnable)
Sales key	BE73
Product key	BE7331
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

## 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

Connection method	Screw connection
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, rigid	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

### UNSPSC

UNSPSC 21.0

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