

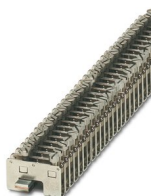
EK 116 - Power terminal block



0401010

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

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Power terminal block, connection method: Screw connection, Rated cross section: 10 mm², cross section: 0.5 mm² - 16 mm², 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 ² conductor cross section)
Nominal current I _N	57 A
Current carrying capacity of the neutral busbar	140 A

Connection data

Nominal cross section	10 mm ²
Maximum load current	76 A (with 16 mm ² 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 ² ... 16 mm ²
Cross section AWG	20 ... 6 (converted acc. to IEC)
Conductor cross section flexible	0.5 mm ² ... 10 mm ²
Conductor cross section, flexible [AWG]	20 ... 8 (converted acc. to IEC)
2 conductors with same cross section, solid	0.5 mm ² ... 10 mm ²
2 conductors with same cross section, flexible	0.5 mm ² ... 10 mm ²
Nominal cross section	10 mm ²

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

i 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

i 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



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

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

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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