

Power terminal block - EK 116 - 0401010

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Power terminal block, connection method: Screw connection, load current: 76 A, cross section: 0.5 mm² - 16 mm², width: 8 mm, 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)



Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 017918 001766
GTIN	4017918001766
Weight per Piece (excluding packing)	28.500 g
Custom tariff number	85369010
Country of origin	Poland
Sales Key	BE7331

Technical data

General

Color	aluminum color
Nominal cross section	10 mm ²
Maximum load current	76 A (with 16 mm ² conductor cross section)

Dimensions

Length	40 mm
Width	8 mm

Connection data

Conductor cross section solid min.	0.5 mm ²
------------------------------------	---------------------

Power terminal block - EK 116 - 0401010

Technical data

Connection data

Conductor cross section solid max.	16 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	10 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	10 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	10 mm ²
Connection method	Screw connection
Stripping length	14 mm
Screw thread	M5
Tightening torque, min	1.7 Nm
Tightening torque max	2 Nm

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141146
eCl@ss 9.0	27141146

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000900
ETIM 6.0	EC000001
ETIM 7.0	EC000001

UNSPSC

UNSPSC 6.01	30211811
-------------	----------

Power terminal block - EK 116 - 0401010

Classifications

UNSPSC

UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 18.0	39121426
UNSPSC 19.0	39121426
UNSPSC 20.0	39121426
UNSPSC 21.0	39121426

Accessories

Accessories

Neutral conductor rail

Neutral busbar - NLS-CU 3/10 SN 1000MM - 0402174



Neutral busbar, width: 10 mm, height: 3 mm, DIN VDE 0611-4: 1991-02, material: Copper, tin-plated, length: 1000 mm, color: silver

Screwdriver tools

Screwdriver - SZS 1,0X6,5 VDE - 1205079



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

Support

Support bracket - AB/SS - 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

Power terminal block - EK 116 - 0401010

Accessories

Support bracket - UAB 1 - 3032431



Support bracket, number of positions: 1, width: 2 mm, color: gray

Support bracket - ABN 2/SS - 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

Support bracket - AB2/SS - 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
