

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

Product Features

- 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	1 pc
Minimum order quantity	10 pc
GTIN	 4 017918 001766
Weight per Piece (excluding packing)	29.09 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Color	aluminum color
Nominal cross section	10 mm ²
Maximum load current	76 A (with 16 mm ² conductor cross section)
Nominal current I _N	57 A
Maximum load current	76 A (with 16 mm ² conductor cross section)

Dimensions

Length	40 mm
Width	8 mm

Connection data

Power terminal block - EK 116 - 0401010

Technical data

Connection data

Conductor cross section solid min.	0.5 mm ²
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
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 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
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²
Connection method	Screw connection
Stripping length	14 mm
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	3 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141131
eCl@ss 5.1	27141131
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141146

Power terminal block - EK 116 - 0401010

Classifications

eCl@ss

eCl@ss 9.0	27141120
------------	----------

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000900
ETIM 5.0	EC000001

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

Approval details

EAC

EAC

Accessories

Accessories

Neutral conductor rail

Power terminal block - EK 116 - 0401010

Accessories

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



PEN conductor busbar, 3mm x 10 mm, length: 1000 mm

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

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

Power terminal block - EK 116 - 0401010

Accessories

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [DIN Rail Terminal Blocks](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[1045932](#) [00110420202](#) [00110430402](#) [5724.2/L](#) [592808-3](#) [CTS25U/BL](#) [CTS2.5U-N/Y](#) [90.080](#) [91.010](#) [91.040](#) [DP25-GY-ND](#) [15288](#) [90.070](#)
[90.202](#) [90.905](#) [91.001](#) [91.020](#) [91.201](#) [91.340](#) [2713793](#) [280-331](#) [283-317](#) [283-607](#) [2909044](#) [2909798](#) [29-2052](#) [SRT2-OD08CL-1](#)
[CDL4U\(E\)MOV](#) [2757801](#) [2794660](#) [284-317](#) [2890975](#) [2907033](#) [3048496](#) [CTS2.5U-N/O](#) [5542152](#) [5602077](#) [0709880](#) [5520682](#) [5607102](#)
[EPUSC](#) [SRT2-OD16P](#) [2901288](#) [591620-2](#) [1-591651-1](#) [NRA37-1/2](#) [592814-1](#) [592814-3](#) [SRT2-ID16P](#) [NRA37-12](#)