

Power terminal block - EK 135 - 0401023

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Power terminal block, connection method: Screw connection, load current: 125 A, cross section: 0.75 mm² - 35 mm², width: 12 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	1 pc
Minimum order quantity	10 pc
GTIN	 4 017918 001773
GTIN	4017918001773
Weight per Piece (excluding packing)	38.180 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Color	aluminum color
Nominal cross section	35 mm ²
Terminal block mounting	2.6 Nm ... 2.8 Nm (Mounting screw)
Maximum load current	125 A (with 35 mm ² conductor cross section)
Result of the test for mechanical stability of terminal points (5 x conductor connection)	Test passed
Result of flexion and pull-out test	Test passed

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Technical data

General

Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.75 mm ² / 0.4 kg
	25 mm ² / 4.5 kg
	35 mm ² / 6.8 kg
Result of voltage-drop test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Result of temperature-rise test	Test passed
Short circuit stability result	Test passed
Conductor cross section short circuit testing	25 mm ²
Short-time current	3 kA
Conductor cross section short circuit testing	35 mm ²
Short-time current	4.2 kA

Dimensions

Length	40 mm
Width	12 mm

Connection data

Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section flexible min.	0.75 mm ²
Conductor cross section flexible max.	35 mm ²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	2
2 conductors with same cross section, solid min.	0.75 mm ²
2 conductors with same cross section, solid max.	10 mm ²
2 conductors with same cross section, stranded min.	0.75 mm ²
2 conductors with same cross section, stranded max.	10 mm ²
Connection method	Screw connection
Stripping length	14 mm
Screw thread	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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Classifications

eCl@ss

eCl@ss 10.0.1	27141146
eCl@ss 11.0	27141146
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
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

Approvals

Approvals

Approvals

EAC

Ex Approvals

IECEx / ATEX / CCC

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Approvals

Approval details

EAC



RU C-
DE.BL08.B.00534

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 - UAB 1 - 3032431



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

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Accessories

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

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 - AB/SS-EX - 0404415



Support bracket, insulating material, with 2 retaining screws, for use with either 3 x 10 mm or 6 x 6 mm busbar, color: gray
