

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

Why buy this product

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 STK
Minimum order quantity	10 STK
GTIN	 4 017918 001773
GTIN	4017918001773
Weight per Piece (excluding packing)	38.120 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Color	aluminum color
Nominal cross section	35 mm ²
Maximum load current	125 A (with 35 mm ² conductor cross section)
Nominal current I _N	125 A (with 35 mm ² conductor cross section)
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 bending test	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135

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General

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
Tensile test result	Test passed
Conductor cross section tensile test	0.75 mm ²
Tractive force setpoint	30 N
Conductor cross section tensile test	25 mm ²
Tractive force setpoint	135 N
Conductor cross section tensile test	35 mm ²
Tractive force setpoint	190 N
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
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm 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
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm ²

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2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 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	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

ATEX / IECEx / EAC Ex

Approval details

EAC		EAC-Zulassung
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EAC		7500651.22.01.00246
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