AK 4 - Connection terminal block

0404017

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Connection terminal block, connection method: Screw connection, Rated cross section: 4 mm^2, cross section: 0.5 mm^2 - 6 mm^2, mounting: Neutral busbar, color: silver

Commercial data

Item number	0404017
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE73
Product key	BE7331
GTIN	4017918001841
Weight per piece (including packing)	4.88 g
Weight per piece (excluding packing)	4.127 g
Customs tariff number	85369010
Country of origin	IN

Technical data

Product properties

Product type	Pick-off terminal
Number of connections	1
Number of rows	1

Electrical properties

Maximum load current	41 A
Maximum power dissipation for nominal condition	1.02 W
Nominal current I_N	32 A
Current carrying capacity of the neutral busbar	140 A

Connection data

Nominal cross section	4 mm²
Maximum load current	41 A
Connection method	Screw connection
Screw thread	M4
Tightening torque	1.5 ... 1.8 Nm
Stripping length	16 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	0.5 mm² ... 6 mm²
Cross section AWG	20 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm² ... 4 mm²
Conductor cross-section, flexible [AWG]	20 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm² ... 6 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm² ... 6 mm²
2 conductors with same cross section, rigid	0.5 mm² ... 2.5 mm²
2 conductors with same cross section, flexible	0.5 mm² ... 2.5 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.5 mm² ... 2.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 2.5 mm²
Nominal cross section	4 mm²

Dimensions

Width	7 mm
Height	16 mm
Depth	23.6 mm
Length	16 mm

Material specifications

Color	silver-colored

Electrical tests

Result	Test passed

Mechanical tests

Mechanical strength

Result	Test passed

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1

Mounting

Mounting type	Neutral busbar

Classifications

ECLASS

ECLASS-13.0	27250116
ECLASS-15.0	27250116

ETIM

ETIM 10.0	EC000001

UNSPSC

UNSPSC 21.0	31162900

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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