


Connection terminal block - AK 4 - 0404017

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Connection terminal block, Connection method Screw connection, Cross section: 0.5 mm² - 6 mm², Width: 7 mm, Color: silver

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 001841
Weight per Piece (excluding packing)	4.8 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Color	silver
Nominal cross section	4 mm ²
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	32 A
Maximum load current	41 A (with 6 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
Tensile test result	Test passed
Result of voltage-drop test	Test passed
Result of temperature-rise test	Test passed
Short circuit stability result	Test passed

Dimensions

Length	23.5 mm
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Technical data

Dimensions

Width	7 mm
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Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	4 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 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.	6 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	2.5 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.	2.5 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.	2.5 mm ²
Connection method	Screw connection
Stripping length	16 mm
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.6 Nm

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131

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Classifications

eCl@ss

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
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
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

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized


Ex Approvals


Approvals submitted

Approval details

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Approvals

UL Recognized 		
	B	C
mm ² /AWG/kcmil	22-12	22-12
Nominal current I _N	20 A	20 A
Nominal voltage U _N	250 V	300 V

cUL Recognized 		
	B	C
mm ² /AWG/kcmil	22-12	22-12
Nominal current I _N	20 A	20 A
Nominal voltage U _N	250 V	300 V

EAC

EAC

cULus Recognized 