

# AK 4 - Connection terminal block



0404017

<https://www.phoenixcontact.com/ro/produse/0404017>

Vă rugăm să țineți cont de faptul că datele afișate în acest document PDF au fost generate din catalogul nostru online. Datele complete sunt disponibile în documentația pentru utilizator. În cazul descărcărilor, se aplică Termenii și condițiile generale de utilizare ale companiei noastre.



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

## Date comerciale

Număr articol	0404017
Unitate de ambalare	50 Bucată
Cantitate minimă pentru comandă	50 Bucată
Cod produs	BE7331
Pagina de catalog	Pagina 554 (C-3-2019)
GTIN	4017918001841
Greutate pe bucată (inclusiv ambalajul)	4,872 g
Greutate pe bucată (fără ambalaj)	4,872 g
Cod tarifar vamal	85369010
Țara de origine	IN

# AK 4 - Connection terminal block



0404017

<https://www.phoenixcontact.com/ro/produse/0404017>

## Date tehnice

### Product properties

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

### Data management status

Article revision	06
------------------	----

### 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 mm <sup>2</sup>
Maximum load current	41 A
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 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section AWG	20 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	20 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
2 conductors with same cross section, solid	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Nominal cross section	4 mm <sup>2</sup>

### Dimensions

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

### Material specifications

Color	silver
-------	--------

# AK 4 - Connection terminal block



0404017

<https://www.phoenixcontact.com/ro/produse/0404017>

## 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
---------------	----------------

# AK 4 - Connection terminal block



0404017

<https://www.phoenixcontact.com/ro/produce/0404017>

## Aprobări

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/ro/produce/0404017>



**EAC**

ID de înregistrare: RU C-DE.BL08.B.00534



**cULus Recognized**

ID de înregistrare: E60425

	Tensiune nominală $U_N$	Curent nominal $I_N$	Secțiune transversală AWG	Secțiune transversală $mm^2$
Use group B				
Field wiring	-	20 A	22 - 12	-
Factory wiring	-	30 A	- 10	-
Use group C				
Field wiring	-	20 A	22 - 12	-
Factory wiring	-	30 A	- 10	-
Use group F				
Field wiring	-	20 A	22 - 12	-
Factory wiring	-	30 A	- 10	-

# AK 4 - Connection terminal block



0404017

<https://www.phoenixcontact.com/ro/produse/0404017>

## Clasificări

### ECLASS

ECLASS-11.0	27141146
ECLASS-12.0	27141146
ECLASS-13.0	27250116

### ETIM

ETIM 9.0	EC000001
----------	----------

### UNSPSC

UNSPSC 21.0	31162900
-------------	----------

# AK 4 - Connection terminal block



0404017

<https://www.phoenixcontact.com/ro/produse/0404017>

## Environmental product compliance

### EU RoHS

Îndeplinește cerințele conform directivei RoHS	Da, Nicio reglementare privind excepțiile
--	---

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	Nu există substanțe periculoase peste valorile limită

### EU REACH SVHC

Trimitere la substanța candidată REACH (nr. CAS)	Nicio substanță cu un procentaj masic mai mare de 0,1 %
--	---

# AK 4 - Connection terminal block

0404017

<https://www.phoenixcontact.com/ro/produse/0404017>

## Accesorii

**i** Indicație: Funcționarea produsului poate fi restricționată în cazul utilizării împreună cu unul din accesoriile prezentate mai jos.

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

0402174

<https://www.phoenixcontact.com/ro/produse/0402174>



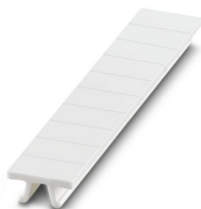
Neutral busbar, DIN VDE 0611-4: 1991-02, color: silver

**i** Max. current carrying capacity: 140 A

### ZB 5 :UNBEDRUCKT - Zack marker strip

1050004

<https://www.phoenixcontact.com/ro/produse/1050004>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.1 x 10.5 mm, Number of individual labels: 10

# AK 4 - Connection terminal block

0404017

<https://www.phoenixcontact.com/ro/produce/0404017>



## ZB 5 CUS - Zack marker strip

0824962

<https://www.phoenixcontact.com/ro/produce/0824962>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

---

## ZB 5,LGS:FORTL.ZAHLEN - Zack marker strip

1050017

<https://www.phoenixcontact.com/ro/produce/1050017>



Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10



# AK 4 - Connection terminal block

0404017

<https://www.phoenixcontact.com/ro/produce/0404017>

## ZB 5,QR:FORTL.ZAHLEN - Zack marker strip

1050020

<https://www.phoenixcontact.com/ro/produce/1050020>



Zack marker strip, white, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm

---

## ZB 5,LGS:GLEICHE ZAHLEN - Zack marker strip

1050033

<https://www.phoenixcontact.com/ro/produce/1050033>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

# AK 4 - Connection terminal block

0404017

<https://www.phoenixcontact.com/ro/produse/0404017>

## ZB 5,LGS:L1-N,PE - Zack marker strip

1050415

<https://www.phoenixcontact.com/ro/produse/1050415>



Zack marker strip, Strip, white, labeled, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

---

## UC-TM 5 - Marker for terminal blocks

0818108

<https://www.phoenixcontact.com/ro/produse/0818108>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 96

# AK 4 - Connection terminal block

0404017

<https://www.phoenixcontact.com/ro/produce/0404017>

## UC-TM 5 CUS - Marker for terminal blocks

0824581

<https://www.phoenixcontact.com/ro/produce/0824581>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 10.5 x 4.6 mm, Number of individual labels: 96

---

## UCT-TM 5 - Marker for terminal blocks

0828734

<https://www.phoenixcontact.com/ro/produce/0828734>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

# AK 4 - Connection terminal block

0404017

<https://www.phoenixcontact.com/ro/produce/0404017>



## UCT-TM 5 CUS - Marker for terminal blocks

0829595

<https://www.phoenixcontact.com/ro/produce/0829595>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

---

## GBS 5-25X12 - Group marker label for terminal marking

0810588

<https://www.phoenixcontact.com/ro/produce/0810588>



Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5

# AK 4 - Connection terminal block

0404017

<https://www.phoenixcontact.com/ro/produse/0404017>

## GBS 5-25X5 - Group marker label for terminal marking

0829126

<https://www.phoenixcontact.com/ro/produse/0829126>



Group marking label, can be snapped into terminal center for screw, spring-cage, push-in, and fast connection terminal blocks, can be labeled with a 24 x 4 mm label or manually using B-STIFT, in the foot part with ZB 5

---

## STP 5-2-ZB - Marker carriers

3037643

<https://www.phoenixcontact.com/ro/produse/3037643>



Marker carriers, snaps into ST 2,5 spring-cage terminal blocks, can be marked with UC-TM 5, UC-TMF 5, UCT-TM 5, UCT-TMF 5, ZB 5, or ZBF 5, gray, unlabeled, mounting type: snapped

# AK 4 - Connection terminal block

0404017

<https://www.phoenixcontact.com/ro/produse/0404017>



## SF-SL 0,8X4,0-100 S-VDE - Screwdriver

1212588

<https://www.phoenixcontact.com/ro/produse/1212588>



Actuation tool, for ST terminal blocks, VDE insulated, with slimmer insulation integrated in the blade, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

---

Phoenix Contact 2024 © - Toate drepturile rezervate

<https://www.phoenixcontact.com>

PHOENIX CONTACT România

Splaiul Unirii 165 Timpuri Noi Square TNO1, Etaj 1

Bucuresti 030133

+40 21 350 88 12 - 3

[sales.ro@phoenixcontact.com](mailto:sales.ro@phoenixcontact.com)