

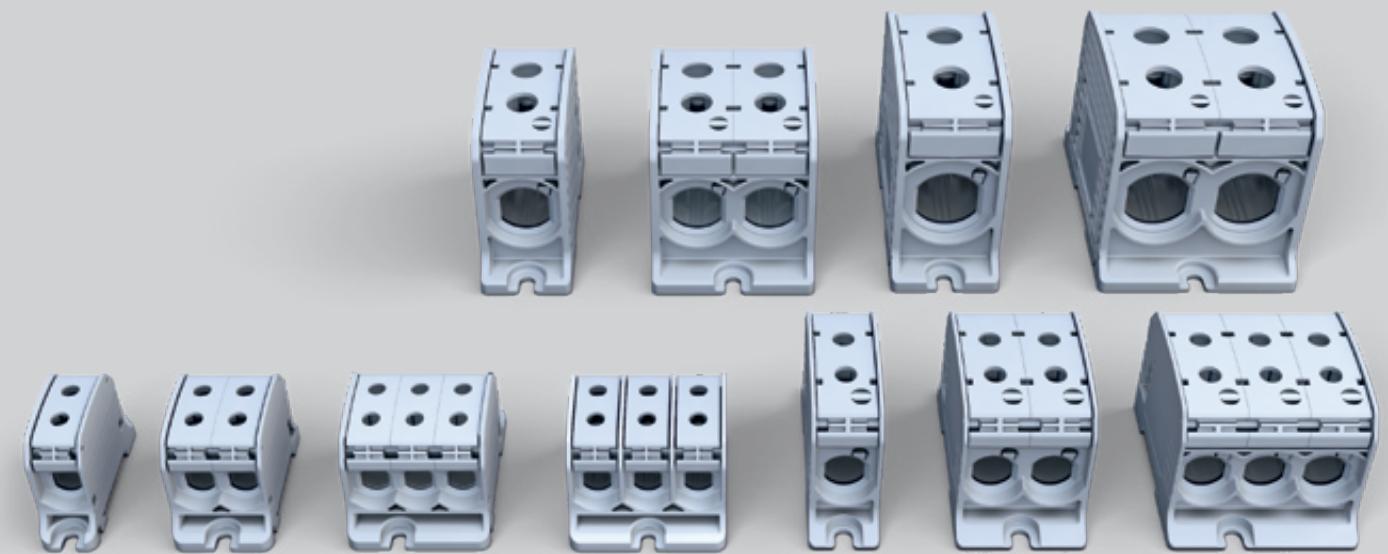


Terminal Blocks

The RKA series of HORA eTec

experts in electrical technology since 1919

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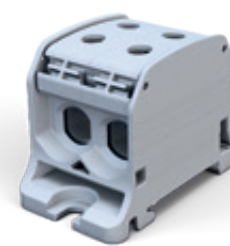


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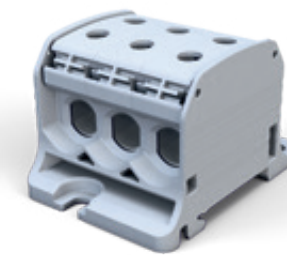




RKA 50 - 1-pole



RKA 50 1/4 - 1-pole



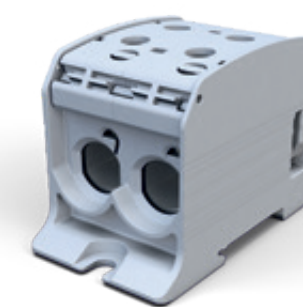
RKA 50 1/6 - 1-pole



RKA 50 - 3-pole



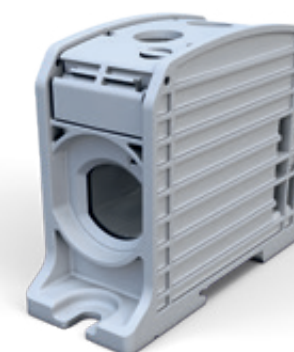
RKA 95 - 1-pole



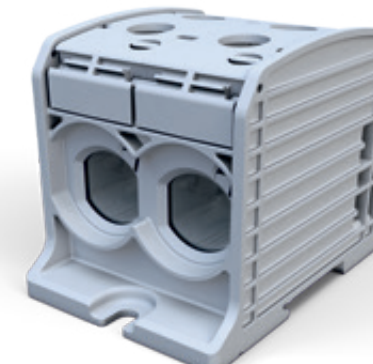
RKA 95 1/4 - 1-pole



RKA 95 1/6 - 1-pole



RKA 185 - 1-pole



RKA 185 1/4 - 1-pole

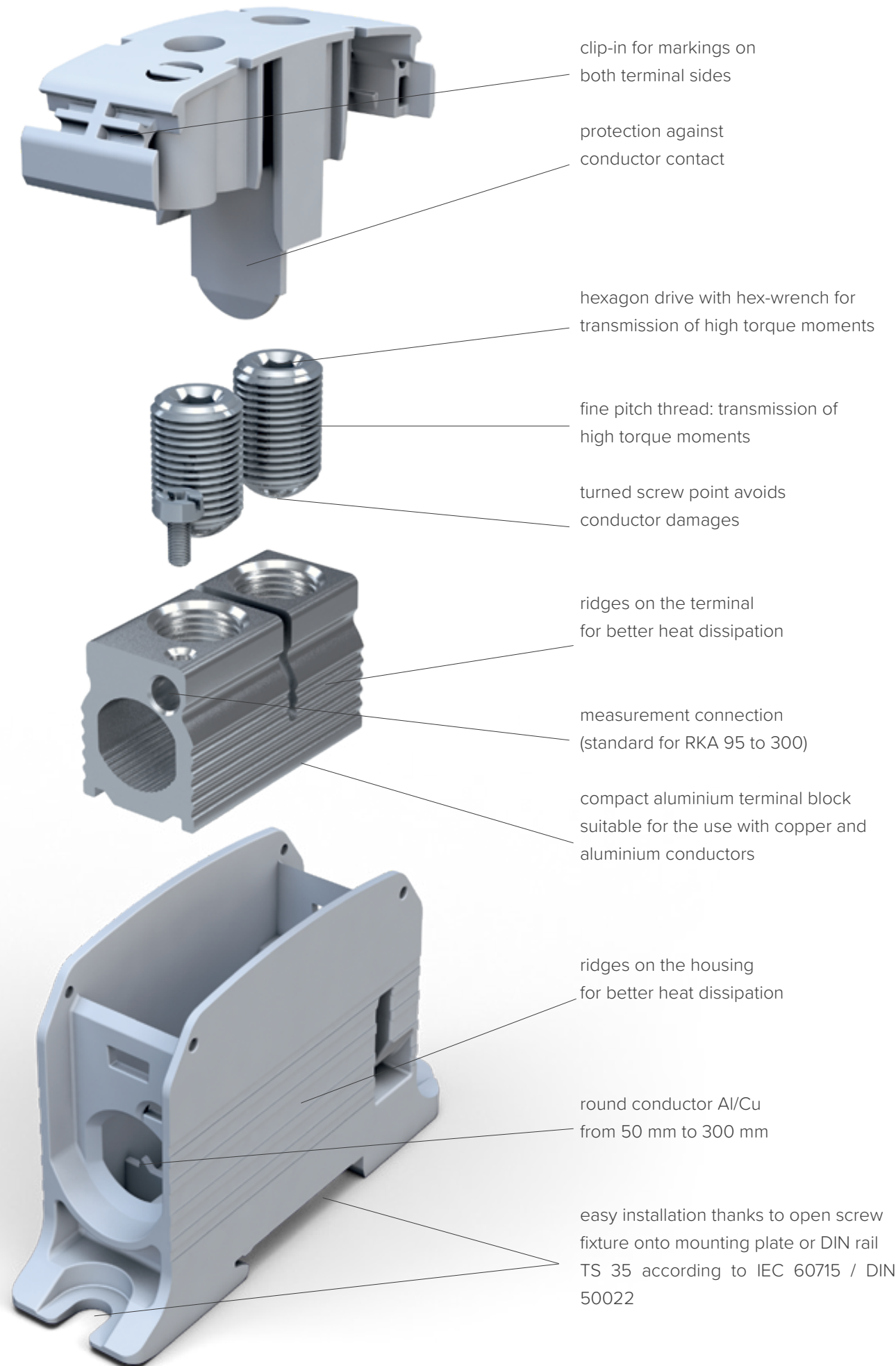
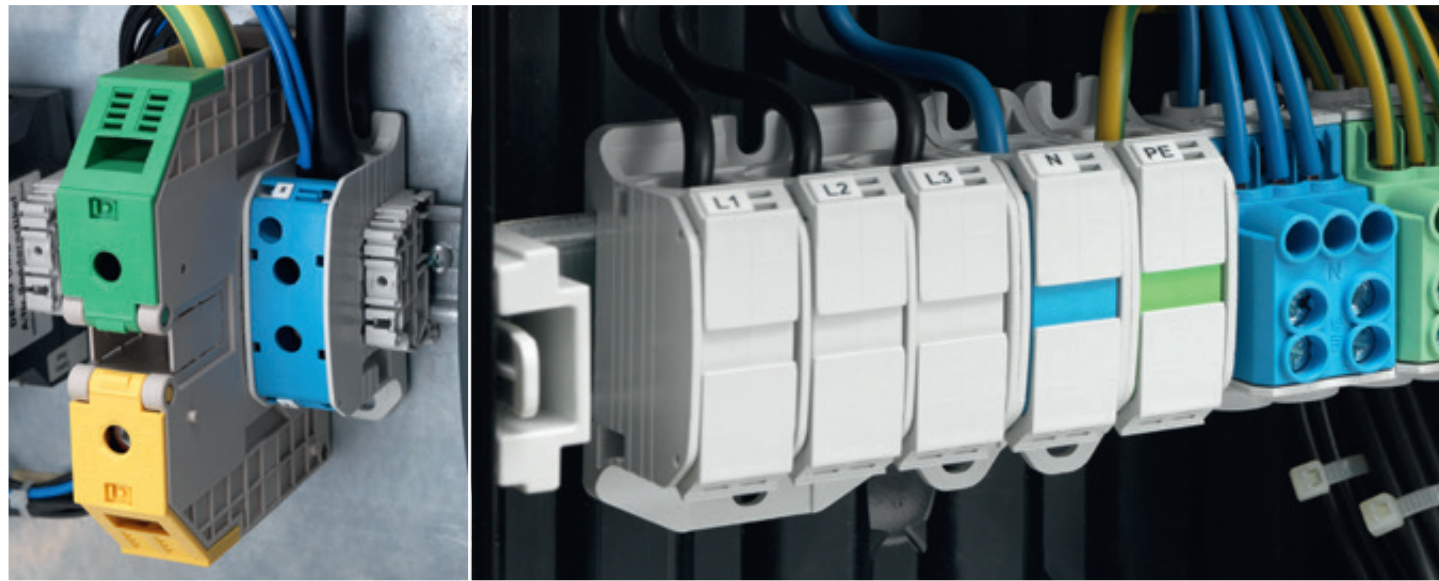


RKA 300 - 1-pole



RKA 300 1/4 - 1-pole

The RKA series at a glance



CHARACTERISTICS

- suitable for aluminium and copper conductors
- compact and robust design
- all-side finger-safe
- easy installation: easy feed-in thanks to big cross sections

APPLICATION AREAS

- mechanical engineering
- production plants
- automation
- switch gears
- wind-mill powered plants
- solar engineering
- ...and more

OPTIONAL ACCESSORIES

- clip-in dust cover with adjustable conductor feed-in
- clip-in for the marking of the different conductors L1, L2, L3, N or PE
- colored covers (specific RAL shades) for better identification of different conductors

CERTIFICATES | CONFORMITY | SAFETY

- ▶ IEC 60947-7-1
- ▶ IEC 61238-1 (Class A)
- ▶ UL-1059
- ▶ UL 486E
- ▶ CSA C22.2No.158-10



clip-in for markings on both terminal sides

protection against conductor contact

hexagon drive with hex-wrench for transmission of high torque moments

fine pitch thread: transmission of high torque moments

turned screw point avoids conductor damages

ridges on the terminal for better heat dissipation

measurement connection (standard for RKA 95 to 300)

compact aluminium terminal block suitable for the use with copper and aluminium conductors

ridges on the housing for better heat dissipation


round conductor Al/Cu from 50 mm to 300 mm

easy installation thanks to open screw fixture onto mounting plate or DIN rail TS 35 according to IEC 60715 / DIN EN 50022

Technical Data: RKA series

RKA 50 - 1-pole

NOMINAL VOLTAGE	NOMINAL CURRENT	STANDARDS
1000 V AC/DC	150 A Cu	IEC 60947-7-1
1000 V AC/DC	150 A Al	IEC 61238-1 (Class A)
600 V AC	150 A Cu / 120 A Al	UL-1059 / CSA C22.2 No.158-10




TERMINAL CROSS SECTION

2 x	50 mm ² - 6 mm ² (1/0 - 10 AWG)	
	35 mm ² - 4 mm ² (2 - 12 AWG)	

RKA 50 1/4 - 1-pole

NOMINAL VOLTAGE	NOMINAL CURRENT	STANDARDS
1000 V AC/DC	150 A Cu	IEC 60947-7-1
1000 V AC/DC	150 A Al	IEC 61238-1 (Class A)
600 V AC	150 A Cu / 120 A Al	UL-1059 / CSA C22.2 No.158-10




TERMINAL CROSS SECTION

4 x	50 mm ² - 6 mm ² (1/0 - 10 AWG)	
	35 mm ² - 4 mm ² (2 - 12 AWG)	

RKA 50 1/6 - 1-pole

NOMINAL VOLTAGE	NOMINAL CURRENT	STANDARDS
1000 V AC/DC	150 A Cu	IEC 60947-7-1
1000 V AC/DC	150 A Al	IEC 61238-1 (Class A)
600 V AC	150 A Cu / 120 A Al	UL-1059 / CSA C22.2 No.158-10




TERMINAL CROSS SECTION

6 x	50 mm ² - 6 mm ² (1/0 - 10 AWG)	
	35 mm ² - 4 mm ² (2 - 12 AWG)	

RKA 50 - 3-pole

NOMINAL VOLTAGE	NOMINAL CURRENT	STANDARDS
1000 V AC/DC	150 A Cu	IEC 60947-7-1
1000 V AC/DC	150 A Al	IEC 61238-1 (Class A)
600 V AC	150 A Cu / 120 A Al	UL-1059 / CSA C22.2 No.158-10




TERMINAL CROSS SECTION

2 x	50 mm ² - 6 mm ² (1/0 - 10 AWG)	
	35 mm ² - 4 mm ² (2 - 12 AWG)	

RKA 95 - 1-pole

NOMINAL VOLTAGE	NOMINAL CURRENT	STANDARDS
1000 V AC/DC	232 A Cu	IEC 60947-7-1
1000 V AC/DC	200 A Al	IEC 61238-1 (Class A)
600 V AC	200 A Cu / 155 A Al	UL-1059 / CSA C22.2 No.158-10




TERMINAL CROSS SECTION

TERMINAL CROSS SECTION	MEASUREMENT CONNECTION				
2 x	1 x	95 mm ² - 16 mm ² (3/0 - 6 AWG)		10 mm ² - 1,5 mm ² (8 - 16 AWG)	
		70 mm ² - 10 mm ² (2/0 - 8 AWG)		6 mm ² - 1,5 mm ² (10 - 16 AWG)	

RKA 95 1/4 - 1-pole

NOMINAL VOLTAGE	NOMINAL CURRENT	STANDARDS
1000 V AC/DC	232 A Cu	IEC 60947-7-1
1000 V AC/DC	200 A Al	IEC 61238-1 (Class A)
600 V AC	200 A Cu / 155 A Al	UL-1059 / CSA C22.2 No.158-10




TERMINAL CROSS SECTION

TERMINAL CROSS SECTION	MEASUREMENT CONNECTION				
4 x	2 x	95 mm ² - 16 mm ² (3/0 - 6 AWG)		10 mm ² - 1,5 mm ² (8 - 16 AWG)	
		70 mm ² - 10 mm ² (2/0 - 8 AWG)		6 mm ² - 1,5 mm ² (10 - 16 AWG)	

RKA 95 1/6 - 1-pole

NOMINAL VOLTAGE	NOMINAL CURRENT	STANDARDS
1000 V AC/DC	232 A Cu	IEC 60947-7-1
1000 V AC/DC	200 A Al	IEC 61238-1 (Class A)
600 V AC	200 A Cu / 155 A Al	UL-1059 / CSA C22.2 No.158-10




TERMINAL CROSS SECTION

TERMINAL CROSS SECTION	MEASUREMENT CONNECTION				
6 x	3 x	95 mm ² - 16 mm ² (3/0 - 6 AWG)		10 mm ² - 1,5 mm ² (8 - 16 AWG)	
		70 mm ² - 10 mm ² (2/0 - 8 AWG)		6 mm ² - 1,5 mm ² (10 - 16 AWG)	

RKA 185 - 1-pole

NOMINAL VOLTAGE	NOMINAL CURRENT	STANDARDS
1000 V AC/DC	353 A Cu	IEC 60947-7-1
600 V AC	310 A Cu / 250 A Al	UL-1059 / CSA C22.2 No.158-10




TERMINAL CROSS SECTION

TERMINAL CROSS SECTION	MEASUREMENT CONNECTION				
2 x	1 x	185 mm ² - 95 mm ² (350 kcmil - 3/0 AWG)		10 mm ² - 1,5 mm ² (8 - 16 AWG)	
		150 mm ² - 25 mm ² (300 kcmil - 4 AWG)		6 mm ² - 1,5 mm ² (10 - 16 AWG)	

RKA 185 1/4 - 1-pole

NOMINAL VOLTAGE	NOMINAL CURRENT	STANDARDS
1000 V AC/DC	353 A Cu	IEC 60947-7-1
600 V AC	310 A Cu / 250 A Al	UL-1059 / CSA C22.2 No.158-10




TERMINAL CROSS SECTION

TERMINAL CROSS SECTION	MEASUREMENT CONNECTION				
4 x	2 x	185 mm ² - 95 mm ² (350 kcmil - 3/0 AWG)		10 mm ² - 1,5 mm ² (8 - 16 AWG)	
		150 mm ² - 25 mm ² (300 kcmil - 4 AWG)		6 mm ² - 1,5 mm ² (10 - 16 AWG)	

RKA 300 - 1-pole

NOMINAL VOLTAGE	NOMINAL CURRENT	STANDARDS
1000 V AC/DC	520 A Cu	IEC 60947-7-1
600 V AC	420 A Cu / 340 A Al	UL-1059 / CSA C22.2 No.158-10

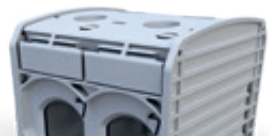


TERMINAL CROSS SECTION

TERMINAL CROSS SECTION	MEASUREMENT CONNECTION				
2 x	1 x	300 mm ² - 150 mm ² (600 kcmil - 300 kcmil)		10 mm ² - 1,5 mm ² (8 - 16 AWG)	
		240 mm ² - 35 mm ² (500 kcmil - 2 AWG)		6 mm ² - 1,5 mm ² (10 - 16 AWG)	

RKA 300 1/4 - 1-pole

NOMINAL VOLTAGE	NOMINAL CURRENT	STANDARDS
1000 V AC/DC	520 A Cu	IEC 60947-7-1
600 V AC	420 A Cu / 340 A Al	UL-1059 / CSA C22.2 No.158-10



TERMINAL CROSS SECTION

TERMINAL CROSS SECTION	MEASUREMENT CONNECTION				
4 x	2 x	300 mm ² - 150 mm ² (600 kcmil - 300 kcmil)		10 mm ² - 1,5 mm ² (8 - 16 AWG)	
		240 mm ² - 35 mm ² (500 kcmil - 2 AWG)		6 mm ² - 1,5 mm ² (10 - 16 AWG)	