



Technical data sheets

RKA-series



Technical data		
Description:	Terminal block RKA 16	
Construction:	Fingersafe IP 20	
Item no. :	087110	27.11.2023

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1, IEC 61238-1-1	

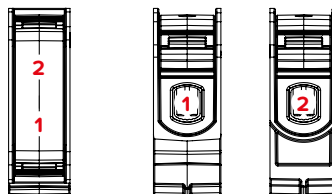


Nominal Voltage:	1.000 V AC / 1.000 V DC	
Nominal current:	Cu 76 A, Al 62 A	
Rated cross-section:	16 mm ²	
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	
Terminal cross section:	no. of connections: 2 x 16 mm ² (all conductor types)	

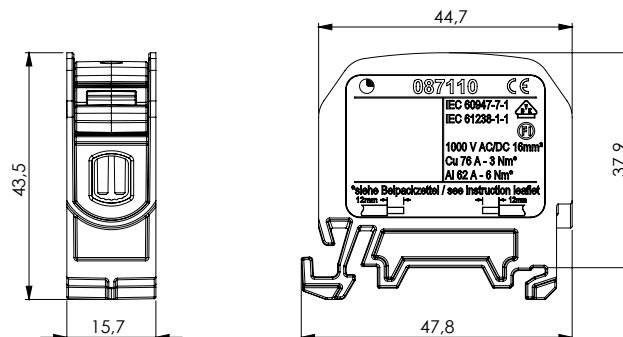
 solid

 compact stranded

 fine stranded with ferrule



Materials:	Terminal body: Aluminium	tin plated
	Housing: PA 6 (Halogen-free)	
	Screws: Steel	zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions: width x height x depth (mm):	15,7 x 43,5 x 47,8



Design				
Basic housing colour – light grey RAL 7035				
Part no.	Design	Cover colour	PU	GTIN (EAN)
087110-0-3	L G	light grey RAL 7035	9 / 162	4051589871105
087110-1-3	N	light blue RAL 5012	9 / 162	4051589871112
087110-2-3	PE	yellow-green RAL 6018	9 / 162	4051589871129
087110-3-3	L B	clay brown RAL 8003	9 / 162	4051589871136
087110-4-3	L S	jet black RAL 9005	9 / 162	4051589871143

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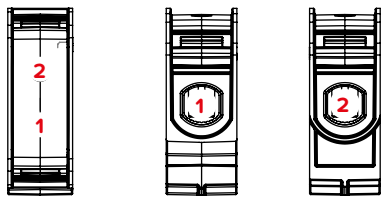
E-mail: info@hora-etec.com, Internet: www.hora-etec.com

Technical data		HORA eTec 15.03.2024
Description:	Terminal block RKA 35	
Construction:	Fingersafe IP 20	
Item no. :	087210	

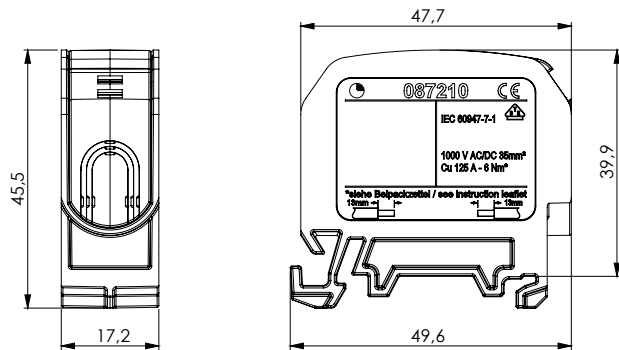
Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1, IEC/TS 60947-7-5	
	CE	
Nominal Voltage:	1.000 V AC / 1.000 V DC	
Nominal current:	Cu 125 A, Al 90 A	
Rated cross-section:	35 mm ²	
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	
Terminal cross section:		

no. of connections: 2 x 35 mm ² (all conductor types)			
Connecting point 1 - 2			
IEC 60947-7-1		IEC/TS 60947-7-5	
Cu		Al	
35 mm ²	-	8 Nm	
25 mm ²	6 Nm	6 Nm	
16 mm ²			
10 mm ²			
6 mm ²			
4 mm ²			
2,5 mm ²	-	-	-
stripping length	13 mm		
allen screw	M8 (SW 4 mm)		

solid
 compact stranded
 fine stranded with ferrule



Materials:	Terminal body:	Aluminium	tin plated
	Housing:	PA 6 (Halogen-free)	
	Screws:	Steel	zinc plated
Flame resistance:	Self-extinguishing		
Mechanical data:	Dimensions:	width x height x depth (mm):	17,2 x 45,5 x 49,6



Design				
Basic housing colour – light grey RAL 7035				
Part no.	Design	Cover colour	PU	GTIN (EAN)
087210-0-3	L G	light grey RAL 7035	8 / 144	4051589010290
087210-1-3	N	light blue RAL 5012	8 / 144	4051589010306
087210-2-3	PE	yellow-green RAL 6018	8 / 144	4051589010313
087210-3-3	L B	clay brown RAL 8003	8 / 144	4051589010320
087210-4-3	L S	jet black RAL 9005	8 / 144	4051589010337

Technical data

Description:	Terminal block RKA 50
Construction:	Fingersafe IP 20
Item no. :	087310

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1, IEC 61238-1	UL 1059, CSA-C22.2 No. 158
	  	 
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 150 A, Al 150 A	Cu 150 A, Al 120 A
Rated cross-section:	50 mm ²	AWG 1/0
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

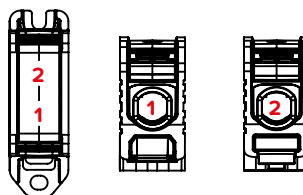
no. of connections: 2 x 50 mm ² (all conductor types)			
Connecting point 1 - 2			
	IEC 60947-7-1		IEC 61238-1
	Cu		Al
			
50 mm ²			
35 mm ²	10 Nm	-	14 Nm
25 mm ²	8 Nm	8 Nm	12 Nm
16 mm ²			10 Nm
10 mm ²	6 Nm	6 Nm	-
6 mm ²	-		
4 mm ²			
stripping length	16 mm		
allen screw	M10 (SW 5 mm)		

no. of connections: 2 x AWG 1/0 (all conductor types)			
Connecting point 1 - 2			
	UL 1059, CSA-C22.2 No. 158		
	Cu		Al
			
AWG 1/0			
AWG 2	10 Nm	-	14 Nm
AWG 4	8 Nm	8 Nm	12 Nm
AWG 6			10 Nm
AWG 8	6 Nm	6 Nm	-
AWG 10	-		
AWG 12			
stripping length	16 mm		
allen screw	M10 (SW 5 mm)		

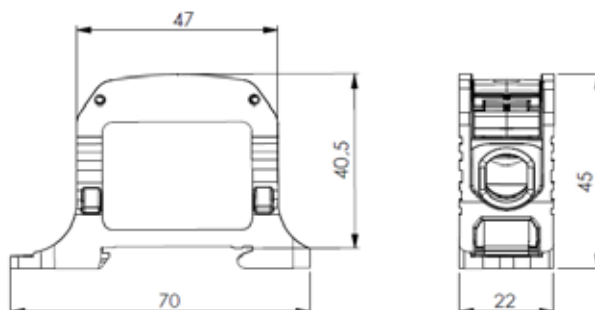
 solid

 compact stranded

 fine stranded with ferrule



Materials:	Terminal body: Aluminium	tin plated
	Housing: PA 6 (Halogen-free)	
	Screws: Steel	zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions:	width x height x depth (mm): 22 x 45 x 70



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087310-0-3	L G	light grey RAL 7035	9 / 72	4051589873109
087310-1-3	N	light blue RAL 5012	9 / 72	4051589873116
087310-2-3	PE	yellow-green RAL 6018	9 / 72	4051589873123
087310-3-3	L B	clay brown RAL 8003	9 / 72	4051589873130
087310-4-3	L S	jet black RAL 9005	9 / 72	4051589873147

Technical data

Description:	Terminal block RKA 50 1/4
Construction:	Fingersafe IP 20
Item no. :	087320



27.11.2023

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1, IEC 61238-1	UL 1059, CSA-C22.2 No. 158
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 150 A, Al 150 A	Cu 150 A, Al 120 A
Rated cross-section:	50 mm ²	AWG 1/0
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

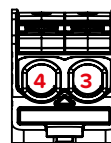
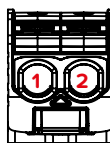
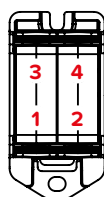
no. of connections: 4 x 50 mm ² (all conductor types)			
Connecting point 1 - 4			
	IEC 60947-7-1		IEC 61238-1
	Cu		Al
50 mm ²		-	14 Nm
35 mm ²	10 Nm	10 Nm	
25 mm ²			12 Nm
16 mm ²	8 Nm	8 Nm	10 Nm
10 mm ²			
6 mm ²	6 Nm	6 Nm	-
4 mm ²	-		
stripping length	16 mm		
allen screw	M10 (SW 5 mm)		

no. of connections: 4 x AWG 1/0 (all conductor types)			
Connecting point 1 - 4			
	UL 1059, CSA-C22.2 No. 158		
	Cu		Al
AWG 1/0		-	14 Nm
AWG 2	10 Nm	10 Nm	
AWG 4			12 Nm
AWG 6	8 Nm	8 Nm	10 Nm
AWG 8			
AWG 10	6 Nm	6 Nm	-
AWG 12	-		
stripping length	16 mm		
allen screw	M10 (SW 5 mm)		

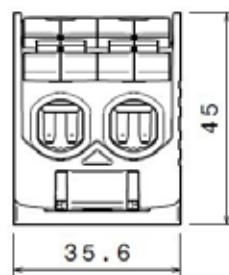
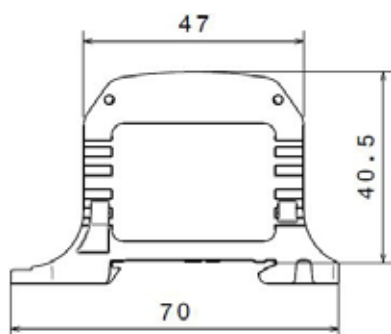
solid

compact stranded

fine stranded with ferrule



Materials:	Terminal body: Aluminium	tin plated
	Housing: PA 6 (Halogen-free)	
	Screws: Steel	zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions: width x height x depth (mm):	35,6 x 45 x 70



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087320-0-3	L G	light grey RAL 7035	5/40	4051589873208
087320-1-3	N	light blue RAL 5012	5/40	4051589873215
087320-2-3	PE	yellow-green RAL 6018	5/40	4051589873222
087320-3-3	L B	clay brown RAL 8003	5/40	4051589873239
087320-4-3	L S	jet black RAL 9005	5/40	4051589873246

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Technical data

Description:	Terminal block RKA 50 1/6
Construction:	Fingersafe IP 20
Item no. :	087360

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1, IEC 61238-1	UL 1059, CSA-C22.2 No. 158
	  	 
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 150 A, Al 150 A	Cu 150 A, Al 120 A
Rated cross-section:	50 mm ²	AWG 1/0
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

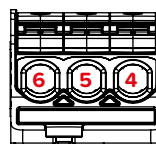
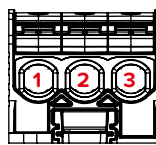
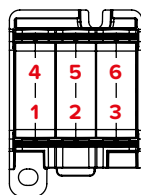
	no. of connections: 6 x 50 mm ² (all conductor types)		
	Connecting point 1 - 6		
	IEC 60947-7-1		IEC 61238-1
	Cu		Al
			
50 mm ²			
35 mm ²	10 Nm	-	14 Nm
25 mm ²		10 Nm	
16 mm ²	8 Nm	8 Nm	12 Nm
10 mm ²			10 Nm
6 mm ²	6 Nm	6 Nm	-
4 mm ²	-		
stripping length	16 mm		
allen screw	M10 (SW 5 mm)		

	no. of connections: 6 x AWG 1/0 (all conductor types)		
	Connecting point 1 - 6		
	UL 1059, CSA-C22.2 No. 158		
	Cu		Al
			
AWG 1/0			
AWG 2	10 Nm	-	14 Nm
AWG 4		10 Nm	
AWG 6	8 Nm	8 Nm	12 Nm
AWG 8			10 Nm
AWG 10	6 Nm	6 Nm	-
AWG 12	-		
stripping length	16 mm		
allen screw	M10 (SW 5 mm)		

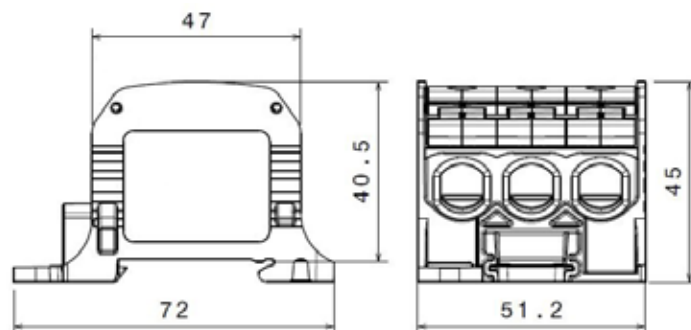
 solid

 compact stranded

 fine stranded with ferrule



Materials:	Terminal body: Aluminium	tin plated
	Housing: PA 6 (Halogen-free)	
	Screws: Steel	zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions:	width x height x depth (mm): 51,2 x 45 x 72



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087360-0-3	L G	light grey RAL 7035	3/24	4051589873604
087360-1-3	N	light blue RAL 5012	3/24	4051589873611
087360-2-3	PE	yellow-green RAL 6018	3/24	4051589873628
087360-3-3	L B	clay brown RAL 8003	3/24	4051589873635
087360-4-3	L S	jet black RAL 9005	3/24	4051589873642

Technical data

Description:	Terminal block RKA 50 - 3 pole
Construction:	Fingersafe IP 20
Item no. :	087330

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1, IEC 61238-1	UL 1059, CSA-C22.2 No. 158
	  	 
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 150 A, Al 150 A	Cu 150 A, Al 120 A
Rated cross-section:	50 mm ²	AWG 1/0
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

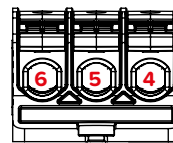
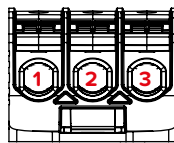
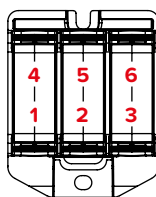
	no. of connections: 2 x 50 mm ² (all conductor types) per pole		
	Connecting point 1 - 6		
	IEC 60947-7-1		IEC 61238-1
	Cu		Al
			
50 mm ²			
35 mm ²	10 Nm	10 Nm	14 Nm
25 mm ²	8 Nm	8 Nm	12 Nm
16 mm ²			10 Nm
10 mm ²	6 Nm	6 Nm	-
6 mm ²			
4 mm ²	-		
stripping length	16 mm		
allen screw	M10 (SW 5 mm)		

	no. of connections: 2 x AWG 1/0 (all conductor types) per pole		
	Connecting point 1 - 6		
	UL 1059, CSA-C22.2 No. 158		
	Cu		Al
			
AWG 1/0			
AWG 2	10 Nm	10 Nm	14 Nm
AWG 4	8 Nm	8 Nm	12 Nm
AWG 6			10 Nm
AWG 8	6 Nm	6 Nm	-
AWG 10			
AWG 12	-		
stripping length	16 mm		
allen screw	M10 (SW 5 mm)		

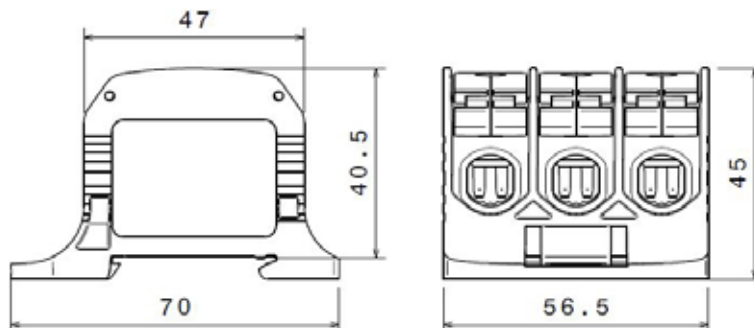
 solid

 compact stranded

 fine stranded with ferrule



Materials:	Terminal body: Aluminium	tin plated
	Housing: PA 6 (Halogen-free)	
	Screws: Steel	zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions: width x height x depth (mm):	56,5 x 45 x 70



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087330-0-3	3L		3 / 24	4051589873307
087330-1-3	L / N / PE		3 / 24	4051589873314
087330-2-3	PE / L / N		3 / 24	4051589873321
087330-5-3	3L BSG		3 / 24	4051589873352

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Technical data

Description:	Terminal block RKA 95
Construction:	Fingersafe IP 20
Item no. :	087510



27.11.2023

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1, IEC 61238-1	UL 1059, CSA-C22.2 No. 158
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 232 A, Al 200 A	Cu 200 A, Al 155 A
Rated cross-section:	95 mm ²	AWG 3/0
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

no. of connections: 2 x 95 mm ² (all conductor types)			
Connecting point 1 - 2			
		IEC 60947-7-1	IEC 61238-1
		Cu	Al
95 mm ²		-	
70 mm ²	19 Nm	19 Nm	22,6 Nm
50 mm ²			
35 mm ²			
25 mm ²	14 Nm	14 Nm	
16 mm ²			
10 mm ²	-		-
stripping length	26 mm		
allen screw	M14 (SW 6 mm)		

no. of connections: 2 x AWG 3/0 (all conductor types)			
Connecting point 1 - 2			
		UL 1059, CSA-C22.2 No. 158	
		Cu	Al
AWG 3/0		-	
AWG 2/0			
AWG 1/0	22,6 Nm	22,6 Nm	22,6 Nm
AWG 2			
AWG 4			
AWG 6			
AWG 8	-		-
stripping length	26 mm		
allen screw	M14 (SW 6 mm)		

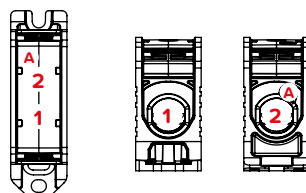
no. of connections: 1 x 10 mm ² (all conductor types)			
Connecting point A			
10 mm ²		-	
6 mm ²	1,2 Nm	1,2 Nm	-
4 mm ²			
2,5 mm ²			
1,5 mm ²	-		
stripping length	10 mm		
screw	M4 (+/- PZ2)		

no. of connections: 1 x AWG 8 (all conductor types)			
Connecting point A			
AWG 8		-	
AWG 10	2,3 Nm	2,3 Nm	-
AWG 12			
AWG 14			
AWG 16	-		
stripping length	10 mm		
screw	M4 (+/- PZ2)		

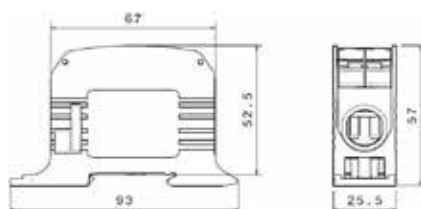
solid

compact stranded

fine stranded with ferrule



Materials:	Terminal body: Aluminium	tin plated
	Housing: PA 6 (Halogen-free)	
	Screws: Steel	zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions:	width x height x depth (mm): 25,5 x 57 x 93



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087510-0-3	L G	light grey RAL 7035	2 / 36	4051589875103
087510-1-3	N	light blue RAL 5012	2 / 36	4051589875110
087510-2-3	PE	yellow-green RAL 6018	2 / 36	4051589875127
087510-3-3	L B	clay brown RAL 8003	2 / 36	4051589875134
087510-4-3	L S	jet black RAL 9005	2 / 36	4051589875141

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Technical data

Description:	Terminal block RKA 95 1/4
Construction:	Fingersafe IP 20
Item no. :	087520



27.11.2023

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1, IEC 61238-1	UL 1059, CSA-C22.2 No. 158
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 232 A	Cu 200 A, Al 155 A
Rated cross-section:	95 mm ²	AWG 3/0
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

no. of connections: 4 x 95 mm ² (all conductor types)			
Connecting point 1 - 4			
IEC 60947-7-1			
Cu			
95 mm ²			
70 mm ²	19 Nm	19 Nm	
50 mm ²			
35 mm ²			
25 mm ²	14 Nm	14 Nm	
16 mm ²			
10 mm ²	-	14 Nm	
stripping length	26 mm		
allen screw	M14 (SW 6 mm)		

no. of connections: 4 x AWG 3/0 (all conductor types)			
Connecting point 1 - 4			
UL 1059, CSA-C22.2 No. 158			
Cu			
AWG 3/0			
AWG 2/0			
AWG 1/0	22,6 Nm	22,6 Nm	22,6 Nm
AWG 2			
AWG 4			
AWG 6			
AWG 8	-		-
stripping length	26 mm		
allen screw	M14 (SW 6 mm)		

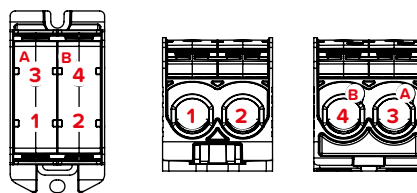
no. of connections: 2 x 10 mm ² (all conductor types)			
Connecting point A - B			
10 mm ²			
6 mm ²	1,2 Nm	1,2 Nm	
4 mm ²			
2,5 mm ²			
1,5 mm ²	-		
stripping length	10 mm		
screw	M4 (+/- PZ2)		

no. of connections: 2 x AWG 8 (all conductor types)			
Connecting point A - B			
AWG 8			
AWG 10	2,3 Nm	2,3 Nm	
AWG 12			
AWG 14			
AWG 16	-		
stripping length	10 mm		
screw	M4 (+/- PZ2)		

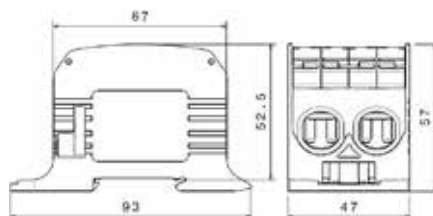
solid

compact stranded

fine stranded with ferrule



Materials:	Terminal body: Aluminium	tin plated
	Housing: PA 6 (Halogen-free)	
	Screws: Steel	zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions: width x height x depth (mm):	47 x 57 x 93



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087520-0-3	L G	light grey RAL 7035	1 / 18	4051589875202
087520-1-3	N	light blue RAL 5012	1 / 18	4051589875219
087520-2-3	PE	yellow-green RAL 6018	1 / 18	4051589875226
087520-3-3	L B	clay brown RAL 8003	1 / 18	4051589875233
087520-4-3	L S	jet black RAL 9005	1 / 18	4051589875240

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Technical data

Description:	Terminal block RKA 95 1/6
Construction:	Fingersafe IP 20
Item no. :	087560

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1, IEC 61238-1	UL 1059, CSA-C22.2 No. 158
	  	 
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 232 A, Al 200 A	Cu 200 A, Al 155 A
Rated cross-section:	95 mm ²	AWG 3/0
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

no. of connections: 6 x 95 mm ² (all conductor types)			
Connecting point 1 - 6			
		IEC 60947-7-1	IEC 61238-1
		Cu	Al
			
			
95 mm ²		-	
70 mm ²	19 Nm	19 Nm	22,6 Nm
50 mm ²			
35 mm ²			
25 mm ²	14 Nm	14 Nm	
16 mm ²			
10 mm ²	-	-	-
stripping length	26 mm		
allen screw	M14 (SW 6 mm)		

no. of connections: 6 x AWG 3/0 (all conductor types)			
Connecting point 1 - 6			
		UL 1059, CSA-C22.2 No. 158	
		Cu	Al
			
			
AWG 3/0		-	
AWG 2/0			
AWG 1/0	22,6 Nm	22,6 Nm	22,6 Nm
AWG 2			
AWG 4			
AWG 6			
AWG 8	-	-	-
stripping length	26 mm		
allen screw	M14 (SW 6 mm)		

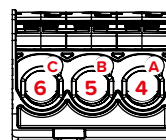
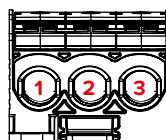
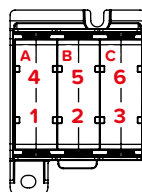
no. of connections: 2 x 10 mm ² (all conductor types)			
Connecting point A - C			
10 mm ²		-	
6 mm ²	1,2 Nm	1,2 Nm	-
4 mm ²			
2,5 mm ²			
1,5 mm ²	-	-	-
stripping length	10 mm		
screw	M4 (+/- PZ2)		

no. of connections: 2 x AWG 8 (all conductor types)			
Connecting point A - C			
AWG 8		-	
AWG 10	2,3 Nm	2,3 Nm	-
AWG 12			
AWG 14			
AWG 16	-	-	-
stripping length	10 mm		
screw	M4 (+/- PZ2)		

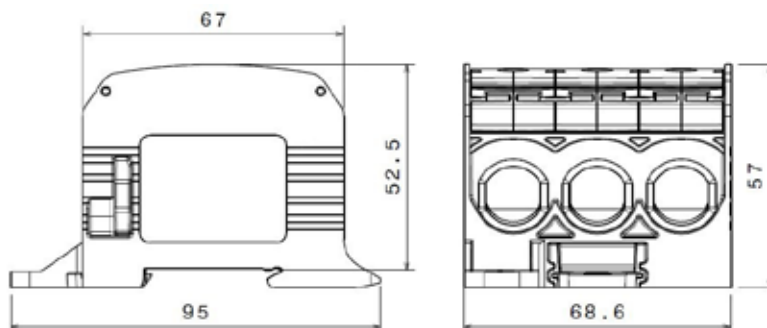
 solid

 compact stranded

 fine stranded with ferrule



Materials:	Terminal body: Aluminium	tin plated
	Housing: PA 6 (Halogen-free)	
	Screws: Steel	zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions: width x height x depth (mm):	68,6 x 57 x 95



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087560-0-3	L G	light grey RAL 7035	1 / 12	4051589875608
087560-1-3	N	light blue RAL 5012	1 / 12	4051589875615
087560-2-3	PE	yellow-green RAL 6018	1 / 12	4051589875622
087560-3-3	L B	clay brown RAL 8003	1 / 12	4051589875639
087560-4-3	L S	jet black RAL 9005	1 / 12	4051589875646

Technical data

Description:	Terminal block RKA 185
Construction:	Fingersafe IP 20
Item no. :	087810

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1   	UL 1059, CSA-C22.2 No. 158  
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 353 A	Cu 310 A, Al 250 A
Rated cross-section:	185 mm ²	350 kcmil
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

Terminal cross section:		no. of connections: 2 x 185 mm ² (all conductor types)				
		Connecting point 1 - 2				
		IEC 60947-7-1				
		Cu				
						
185 mm ²		25 Nm	-	-		
150 mm ²						
120mm ²						
95 mm ²						
70 mm ²						
50 mm ²		-	20 Nm	-		
35 mm ²						
25 mm ²						
stripping length		29 mm				
allen screw		M18 (SW 10 mm)				

no. of connections: 2 x 350 kcmil (all conductor types)				
Connecting point 1 - 2				
UL 1059, CSA-C22.2 No. 158				
Cu		Al		
				
350 kcmil	28,2 Nm	-	45 Nm	
300 kcmil		28,2 Nm		
250 kcmil				
AWG 3/0				
AWG 2/0				
AWG 1/0	-	-	-	
AWG 2				
AWG 4				
stripping length	29 mm			
allen screw	M18 (SW 10 mm)			

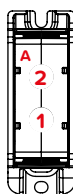
Measurement connection:		no. of connections: 1 x 10 mm ² (all conductor types)		
		Connecting point A		
10 mm ²	1,2 Nm	-	-	
6 mm ²				
4 mm ²				
2,5 mm ²				
1,5 mm ²	-			
stripping length	10 mm			
screw	M4 (+/- PZ2)			

no. of connections: 1 x AWG 8 (all conductor types)				
Connecting point A				
AWG 8	2,3 Nm	-	-	
AWG 10		2,3 Nm		
AWG 12				
AWG 14				
AWG 16	-			
stripping length	10 mm			
screw	M4 (+/- PZ2)			

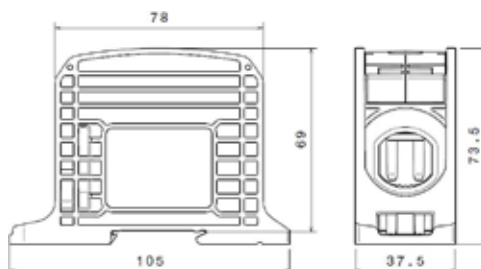
 solid

 compact stranded

 fine stranded with ferrule



Materials:	Terminal body: Aluminium	tin plated
	Housing: PA 6 (Halogen-free)	
	Screws: Steel	zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions:	width x height x depth (mm): 37,5 x 73,5 x 105



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087810-0-3	L G	light grey RAL 7035	1 / 12	4051589878104
087810-1-3	N	light blue RAL 5012	1 / 12	4051589878111
087810-2-3	PE	yellow-green RAL 6018	1 / 12	4051589878128
087810-3-3	L B	clay brown RAL 8003	1 / 12	4051589878135
087810-4-3	L S	jet black RAL 9005	1 / 12	4051589878142

Technical data

Description:	Terminal block RKA 185 1/4
Construction:	Fingersafe IP 20
Item no. :	087820

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1   	UL 1059, CSA-C22.2 No. 158  
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 353 A	Cu 310 A, Al 250 A
Rated cross-section:	185 mm ²	350 kcmil
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

Terminal cross section:		no. of connections: 4 x 185 mm ² (all conductor types)		
		Connecting point 1 - 4		
		IEC 60947-7-1		
		Cu		
				
				
185 mm ²		25 Nm	-	-
150 mm ²				
120mm ²				
95 mm ²				
70 mm ²				
50 mm ²		-	25 Nm	-
35 mm ²				
25 mm ²				
stripping length		29 mm		
allen screw		M18 (SW 10 mm)		

	no. of connections: 4 x 350 kcmil (all conductor types)			
	Connecting point 1 - 4			
	UL 1059, CSA-C22.2 No. 158			
	Cu		Al	
				
350 kcmil	28,2 Nm	-	45 Nm	
300 kcmil		-		
250 kcmil		-		
AWG 3/0		-		
AWG 2/0		-		
AWG 1/0	-	-	-	
AWG 2				
AWG 4				
stripping length	29 mm			
allen screw	M18 (SW 10 mm)			

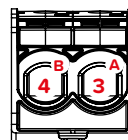
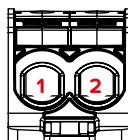
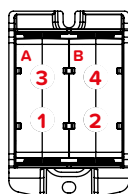
no. of connections: 2 x 10 mm ² (all conductor types)			
Connecting point A - B			
10 mm ²	1,2 Nm	-	-
6 mm ²		-	
4 mm ²		-	
2,5 mm ²		-	
1,5 mm ²	-	1,2 Nm	-
stripping length	10 mm		
screw	M4 (+/- PZ2)		

no. of connections: 2 x AWG 8 (all conductor types)			
Connecting point A - B			
AWG 8	2,3 Nm	-	-
AWG 10		-	
AWG 12		2,3 Nm	
AWG 14			
AWG 16			
stripping length	-	10 mm	
screw	M4 (+/- PZ2)		

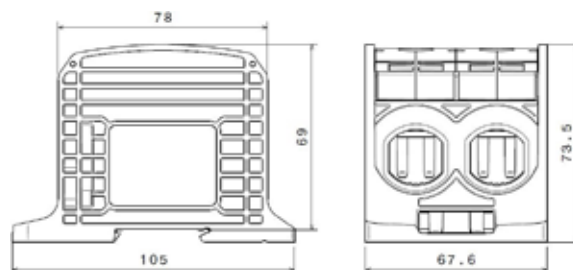
 solid

 compact stranded

 fine stranded with ferrule



Materials:	Terminal body: Aluminium Housing: PA 6 (Halogen-free) Screws: Steel	tin plated zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions: width x height x depth (mm):	67,6 x 73,5 x 105



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087820-0-3	L G	light grey RAL 7035	1 / 6	4051589878203
087820-1-3	N	light blue RAL 5012	1 / 6	4051589878210
087820-2-3	PE	yellow-green RAL 6018	1 / 6	4051589878227
087820-3-3	L B	clay brown RAL 8003	1 / 6	4051589878234
087820-4-3	L S	jet black RAL 9005	1 / 6	4051589878241

Technical data

Description:	Terminal block RKA 300
Construction:	Fingersafe IP 20
Item no. :	087910



27.11.2023

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1   	UL 1059, CSA-C22.2 No. 158  
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 520 A	Cu 420 A, Al 340 A
Rated cross-section:	300 mm ²	600 kcmil
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

no. of connections: 2 x 300 mm ² (all conductor types)			
Connecting point 1 - 2			
IEC 60947-7-1			
Cu			
			
300 mm ²			
240 mm ²			
185 mm ²	45 Nm	-	
150 mm ²		45 Nm	
120 mm ²			
95 mm ²			
70 mm ²			
50 mm ²	-	30 Nm	
35 mm ²			
stripping length	34 mm		
allen screw	M24 (SW 12 mm)		

no. of connections: 2 x 600 kcmil (all conductor types)			
Connecting point 1 - 2			
UL 1059, CSA-C22.2 No. 158			
Cu			
			
600 kcmil			
500 kcmil			
350 kcmil	33,9 Nm	-	65 Nm
300 kcmil		33,9 Nm	
250 kcmil			
AWG 3/0			
AWG 2/0	-	-	-
AWG 1/0			
AWG 2			
stripping length	34 mm		
allen screw	M24 (SW 12 mm)		

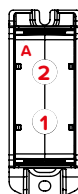
no. of connections: 1 x 10 mm ² (all conductor types)			
Connecting point A			
			
10 mm ²			
6 mm ²			
4 mm ²	1,2 Nm	-	
2,5 mm ²		1,2 Nm	
1,5 mm ²	-		
stripping length	10 mm		
screw	M4 (+/- PZ2)		

no. of connections: 1 x AWG 8 (all conductor types)			
Connecting point A			
			
AWG 8			
AWG 10			
AWG 12	2,3 Nm	-	
AWG 14		2,3 Nm	
AWG 16	-		
stripping length	10 mm		
screw	M4 (+/- PZ2)		

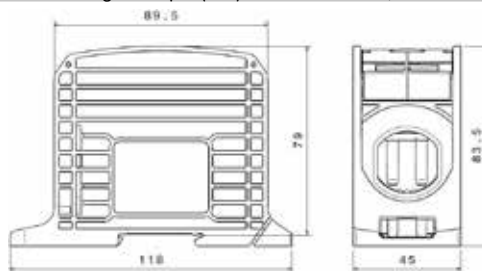
 solid

 compact stranded

 fine stranded with ferrule



Materials:	Terminal body: Aluminium	tin plated
	Housing: PA 6 (Halogen-free)	
	Screws: Steel	zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions: width x height x depth (mm):	45 x 83,5 x 118



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087910-0-3	L G	light grey RAL 7035	1 / 12	4051589879101
087910-1-3	N	light blue RAL 5012	1 / 12	4051589879118
087910-2-3	PE	yellow-green RAL 6018	1 / 12	4051589879125
087910-3-3	L B	clay brown RAL 8003	1 / 12	4051589879132
087910-4-3	L S	jet black RAL 9005	1 / 12	4051589879149

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Technical data

Description:	Terminal block RKA 300 1/4
Construction:	Fingersafe IP 20
Item no. :	087920



27.11.2023

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1   	UL 1059, CSA-C22.2 No. 158  
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 520 A	Cu 420 A, Al 340 A
Rated cross-section:	300 mm ²	600 kcmil
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

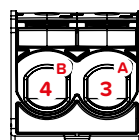
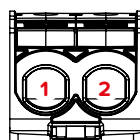
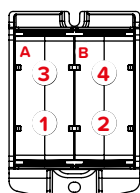
no. of connections: 4 x 300 mm ² (all conductor types)			
Connecting point 1 - 4			
IEC 60947-7-1			
Cu			
			
300 mm ²		-	
240 mm ²	45 Nm		
185 mm ²		45 Nm	
150 mm ²			
120 mm ²			-
95 mm ²			
70 mm ²	-	30 Nm	
50 mm ²			
35 mm ²			
stripping length	34 mm		
allen screw	M24 (SW 12 mm)		

no. of connections: 4 x 600 kcmil (all conductor types)			
Connecting point 1 - 4			
UL 1059, CSA-C22.2 No. 158			
Cu			
			
600 kcmil		-	
500 kcmil	33,9 Nm		65 Nm
350 kcmil		33,9 Nm	
300 kcmil			
250 kcmil			
AWG 3/0			
AWG 2/0	-	-	-
AWG 1/0			
AWG 2			
stripping length	34 mm		
allen screw	M24 (SW 12 mm)		

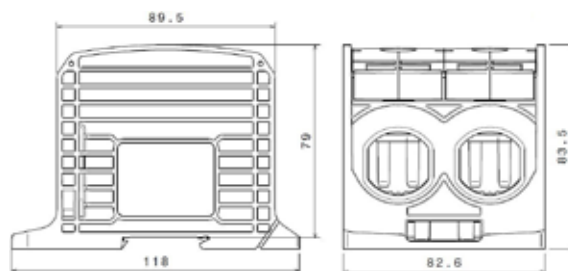
no. of connections: 2 x 10 mm ² (all conductor types)			
Connecting point A - B			
10 mm ²		-	
6 mm ²	1,2 Nm		
4 mm ²		1,2 Nm	
2,5 mm ²			-
1,5 mm ²	-		
stripping length	10 mm		
screw	M4 (+/- PZ2)		

no. of connections: 2 x AWG 8 (all conductor types)			
Connecting point A - B			
AWG 8		-	
AWG 10	2,3 Nm		
AWG 12		2,3 Nm	
AWG 14			-
AWG 16	-		
stripping length	10 mm		
screw	M4 (+/- PZ2)		

 solid  compact stranded  fine stranded with ferrule



Materials:	Terminal body: Aluminium Housing: PA 6 (Halogen-free) Screws: Steel	tin plated zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions: width x height x depth (mm):	82,6 x 83,5 x 118



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087920-0-3	L G	light grey RAL 7035	1 / 6	4051589879200
087920-1-3	N	light blue RAL 5012	1 / 6	4051589879217
087920-2-3	PE	yellow-green RAL 6018	1 / 6	4051589879224
087920-3-3	L B	clay brown RAL 8003	1 / 6	4051589879231
087920-4-3	L S	jet black RAL 9005	1 / 6	4051589879248

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