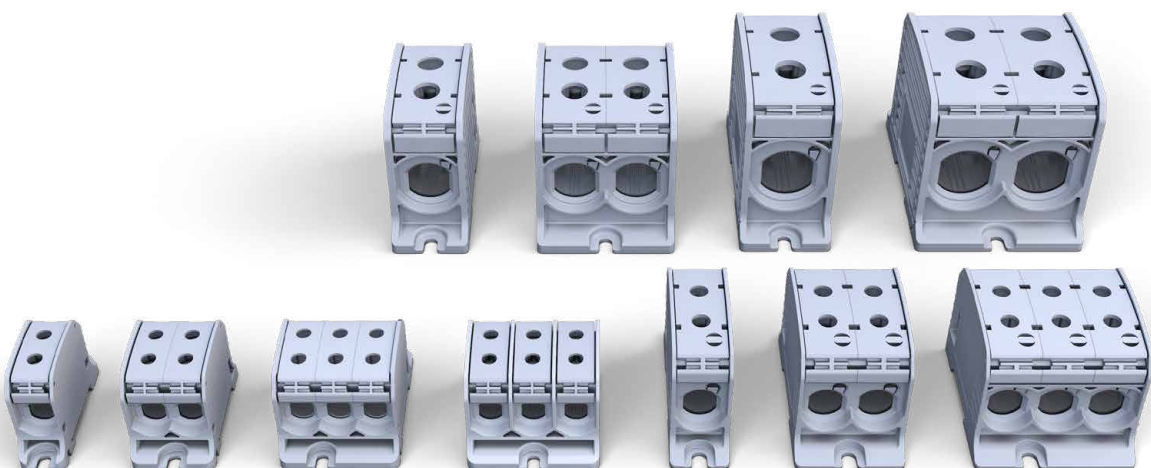




Technical data sheets  
RKA-series



# Technical data



11.12.2017

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

CE
RoHS
FI
cULus

Nominal Voltage: 1.000 V AC / 1.000 V DC 600 V AC

Nominal current: Cu 150 A, Al 150 A Cu 150 A, Al 120 A

Rated cross-section: 50 mm<sup>2</sup> 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 <sup>2</sup> (all conductor types)			no. of connections: 2 x AWG 1/0 (all conductor types)		
	IEC 60947-7-1		IEC 61238-1	UL 1059, CSA-C22.2 No. 158		
	Cu		Al	Cu	Al	Al
50 mm <sup>2</sup>						
35 mm <sup>2</sup>	10 Nm	-	14 Nm	14 Nm	-	14 Nm
25 mm <sup>2</sup>	-	10 Nm	-	14 Nm	-	14 Nm
16 mm <sup>2</sup>	8 Nm	8 Nm	10 Nm	14 Nm	14 Nm	-
10 mm <sup>2</sup>	6 Nm	6 Nm	-	-	-	-
6 mm <sup>2</sup>	-	6 Nm	-	-	-	-
4 mm <sup>2</sup>	-	-	-	-	-	-
stripping length	16 mm			16 mm		
allen screw	M10 (SW 5 mm)			M10 (SW 5 mm)		

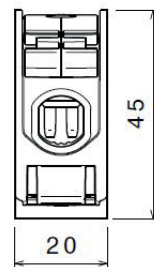
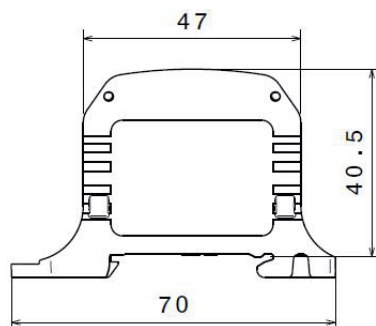
compact stranded

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): 20 x 45 x 70



## Design























Basic housing colour – light grey RAL 7035

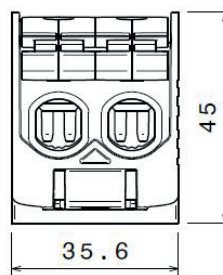
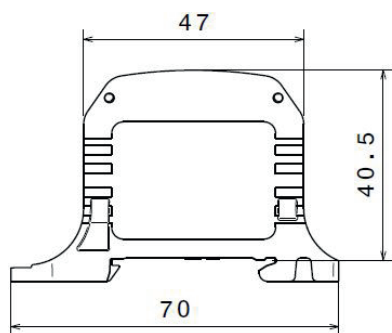
Part no.	Design	Cover colour	PU	GTIN (EAN)
087310-0-3	L G	light grey RAL 7035	9 / 72	4051589873109
087310-1-3	N	light blue RAL 5012	9 / 72	4051589873116
087310-2-3	PE	yellow-green RAL 6018	9 / 72	4051589873123
087310-3-3	LB	clay brown RAL 8003	9 / 72	4051589873130
087310-4-3	LS	jet black RAL 9005	9 /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

## Technical data

Description:	Terminal block RKA 50 D
Construction:	Fingersafe IP 20
Item no. :	087320

11.12.2017

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	600 V AC																																																																																											
Nominal current:	Cu 150 A, Al 150 A	Cu 150 A, Al 120 A																																																																																											
Rated cross-section:	50 mm <sup>2</sup>	AWG 1/0																																																																																											
Impulse withstand voltage:	8 kV																																																																																												
Pollution degree:	3																																																																																												
Surge voltage category:	III																																																																																												
CTI value:	550	550																																																																																											
Terminal cross section:	<table border="1"> <thead> <tr> <th rowspan="3"></th> <th colspan="3">no. of connections: 4 x 50 mm<sup>2</sup> (all conductor types)</th> </tr> <tr> <th colspan="2">IEC 60947-7-1</th> <th>IEC 61238-1</th> </tr> <tr> <th>Cu</th> <th>Al</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>50 mm<sup>2</sup></td> <td>10 Nm</td> <td>-</td> <td>14 Nm</td> </tr> <tr> <td>35 mm<sup>2</sup></td> <td>-</td> <td>10 Nm</td> <td>-</td> </tr> <tr> <td>25 mm<sup>2</sup></td> <td>8 Nm</td> <td>8 Nm</td> <td>12 Nm</td> </tr> <tr> <td>16 mm<sup>2</sup></td> <td>-</td> <td>-</td> <td>10 Nm</td> </tr> <tr> <td>10 mm<sup>2</sup></td> <td>6 Nm</td> <td>6 Nm</td> <td>-</td> </tr> <tr> <td>6 mm<sup>2</sup></td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4 mm<sup>2</sup></td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>stripping length</td> <td colspan="3">16 mm</td> </tr> <tr> <td>allen screw</td> <td colspan="3">M10 (SW 5 mm)</td> </tr> </tbody> </table>		no. of connections: 4 x 50 mm <sup>2</sup> (all conductor types)			IEC 60947-7-1		IEC 61238-1	Cu	Al						50 mm <sup>2</sup>	10 Nm	-	14 Nm	35 mm <sup>2</sup>	-	10 Nm	-	25 mm <sup>2</sup>	8 Nm	8 Nm	12 Nm	16 mm <sup>2</sup>	-	-	10 Nm	10 mm <sup>2</sup>	6 Nm	6 Nm	-	6 mm <sup>2</sup>	-	-	-	4 mm <sup>2</sup>	-	-	-	stripping length	16 mm			allen screw	M10 (SW 5 mm)			<table border="1"> <thead> <tr> <th rowspan="3"></th> <th colspan="3">no. of connections: 4 x AWG 1/0 (all conductor types)</th> </tr> <tr> <th colspan="3">UL 1059, CSA-C22.2 No. 158</th> </tr> <tr> <th>Cu</th> <th>Al</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>AWG 1/0</td> <td>-</td> <td>-</td> <td>14 Nm</td> </tr> <tr> <td>AWG 2</td> <td rowspan="4">14 Nm</td> <td rowspan="4">14 Nm</td> <td rowspan="4">-</td> </tr> <tr> <td>AWG 4</td> </tr> <tr> <td>AWG 6</td> </tr> <tr> <td>AWG 8</td> </tr> <tr> <td>AWG 10</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>AWG 12</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>stripping length</td> <td colspan="3">16 mm</td> </tr> <tr> <td>allen screw</td> <td colspan="3">M10 (SW 5 mm)</td> </tr> </tbody> </table>		no. of connections: 4 x AWG 1/0 (all conductor types)			UL 1059, CSA-C22.2 No. 158			Cu	Al						AWG 1/0	-	-	14 Nm	AWG 2	14 Nm	14 Nm	-	AWG 4	AWG 6	AWG 8	AWG 10	-	-	-	AWG 12	-	-	-	stripping length	16 mm			allen screw	M10 (SW 5 mm)		
	no. of connections: 4 x 50 mm <sup>2</sup> (all conductor types)																																																																																												
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16 mm <sup>2</sup>	-	-	10 Nm																																																																																										
10 mm <sup>2</sup>	6 Nm	6 Nm	-																																																																																										
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AWG 10	-	-	-																																																																																										
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stripping length	16 mm																																																																																												
allen screw	M10 (SW 5 mm)																																																																																												
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): 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	LB	clay brown RAL 8003	5/40	4051589873239
087320-4-3	LS	jet black RAL 9005	5/40	4051589873246

# 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




 **us**

Nominal Voltage: 1.000 V AC / 1.000 V DC 600 V AC

Nominal current: Cu 150 A, Al 150 A Cu 150 A, Al 120 A







Rated cross-section: 50 mm<sup>2</sup> AWG 1/0

Impulse withstand voltage: 8 kV

Pollution degree: 3

Surge voltage category: III

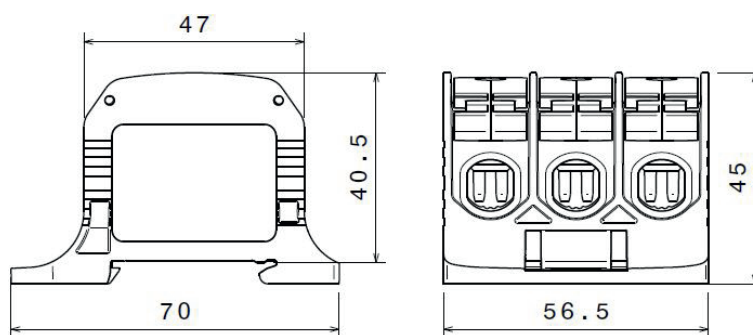
CTI value: 550 550

Terminal cross section:	no. of connections: 2 x 50 mm <sup>2</sup> (all conductor types) per pole			no. of connections: 2 x AWG 1/0 (all conductor types) per pole		
	IEC 60947-7-1		IEC 61238-1	UL 1059, CSA-C22.2 No. 158		
	Cu		Al	Cu		Al
50 mm <sup>2</sup>						
35 mm <sup>2</sup>	10 Nm	-	14 Nm	14 Nm	-	14 Nm
25 mm <sup>2</sup>	8 Nm	10 Nm	12 Nm	14 Nm	14 Nm	-
16 mm <sup>2</sup>	8 Nm	8 Nm	10 Nm	14 Nm	14 Nm	-
10 mm <sup>2</sup>	6 Nm	6 Nm	-	-	-	-
6 mm <sup>2</sup>	-	6 Nm	-	-	-	-
4 mm <sup>2</sup>	-	-	-	-	-	-
stripping length	16 mm			16 mm		
allen screw	M10 (SW 5 mm)			M10 (SW 5 mm)		

Materials: Terminal body: Aluminium tin plated  
 Housing: PA 6 (Halogen-free)  
 Screws: Steel zinc plated

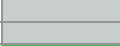

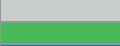

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 56,5 x 45 x 70



## Design









































Basic housing colour – light grey RAL 7035

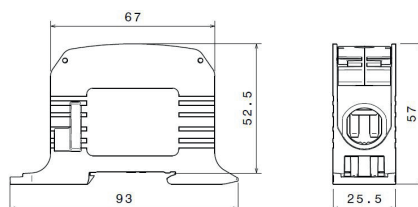
Part no.	Design	Cover colour	PU	GTIN (EAN)
087330-0-3	3L		3 / 24	4051589873307
087330-1-3	L / N / PE		3 / 24	4051589873314
087330-2-3	PE / L / N		3 / 24	4051589873321
087330-5-3	3L BSG		3 / 24	4051589873352

## Technical data

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

11.12.2017

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	600 V AC																																																																																								
Nominal current:	Cu 232 A, Al 200 A	Cu 200 A, Al 155 A																																																																																								
Rated cross-section:	95 mm <sup>2</sup>	AWG 3/0																																																																																								
Impulse withstand voltage:	8 kV																																																																																									
Pollution degree:	3																																																																																									
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Mechanical data:	Dimensions:	width x height x depth (mm): 25,5 x 57 x 93																																																																																								



### Design




















Basic housing colour – light grey RAL 7035

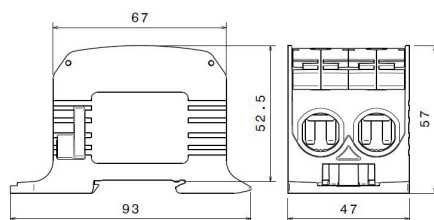
Part no.	Design	Cover colour	PU	GTIN (EAN)
087510-0-3	L G	light grey RAL 7035	2 / 36	4051589875103
087510-1-3	N	light blue RAL 5012	2 / 36	4051589875110
087510-2-3	PE	yellow-green RAL 6018	2 / 36	4051589875127
087510-3-3	LB	clay brown RAL 8003	2 / 36	4051589875134
087510-4-3	LS	jet black RAL 9005	2 /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

## Technical data

Description:	Terminal block RKA 95 D
Construction:	Fingersafe IP 20
Item no. :	087520

11.12.2017

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	600 V AC																																																																																						
Nominal current:	Cu 232 A	Cu 200 A, Al 155 A																																																																																						
Rated cross-section:	95 mm <sup>2</sup>	AWG 3/0																																																																																						
Impulse withstand voltage:	8 kV																																																																																							
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Mechanical data:	Dimensions:	width x height x depth (mm):	47 x 57 x 93																																																																																					



### Design

















Basic housing colour – light grey RAL 7035

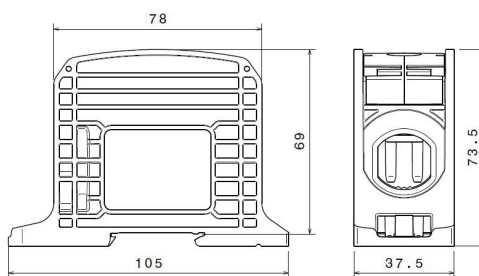
Part no.	Design	Cover colour	PU	GTIN (EAN)
087520-0-3	L G	light grey RAL 7035	1 / 18	4051589875202
087520-1-3	N	light blue RAL 5012	1 / 18	4051589875219
087520-2-3	PE	yellow-green RAL 6018	1 / 18	4051589875226
087520-3-3	L B	clay brown RAL 8003	1 / 18	4051589875233
087520-4-3	L S	jet black RAL 9005	1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

# Technical data

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

11.12.2017

Remarks:	The product is compliant with the EC ROHS directives																																																																																			
Standards:	IEC 60947-7-1	UL 1059, CSA-C22.2 No. 158																																																																																		
	  																																																																																			
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Nominal current:	Cu 353 A	Cu 310 A, Al 250 A																																																																																		
Rated cross-section:	185 mm <sup>2</sup>	350 kcmil																																																																																		
Impulse withstand voltage:	8 kV																																																																																			
Pollution degree:	3																																																																																			
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Mechanical data:	Dimensions:	width x height x depth (mm):	37,5 x 73,5 x 105																																																																																	



## Design





























Basic housing colour – light grey RAL 7035

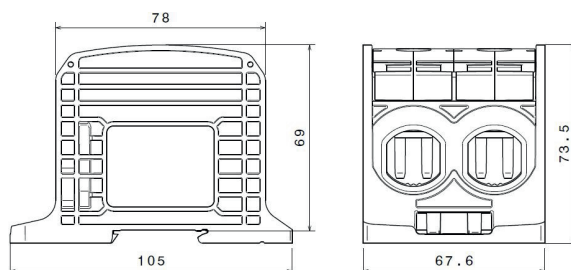
Part no.	Design	Cover colour	PU	GTIN (EAN)
087810-0-3	L G	light grey RAL 7035	1 / 12	4051589878104
087810-1-3	N	light blue RAL 5012	1 / 12	4051589878111
087810-2-3	PE	yellow-green RAL 6018	1 / 12	4051589878128
087810-3-3	LB	clay brown RAL 8003	1 / 12	4051589878135
087810-4-3	LS	jet black RAL 9005	1 /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

## Technical data

Description:	Terminal block RKA 185 D
Construction:	Fingersafe IP 20
Item no. :	087820

11.12.2017

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	600 V AC																																																												
Nominal current:	Cu 353 A	Cu 310 A, Al 250 A																																																												
Rated cross-section:	185 mm <sup>2</sup>	350 kcmil																																																												
Impulse withstand voltage:	8 kV																																																													
Pollution degree:	3																																																													
Surge voltage category:	III																																																													
CTI value:	550	550																																																												
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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	LB	clay brown RAL 8003	1 / 6	4051589878234
087820-4-3	L S	jet black RAL 9005	1 / 6	4051589878241



# Technical data

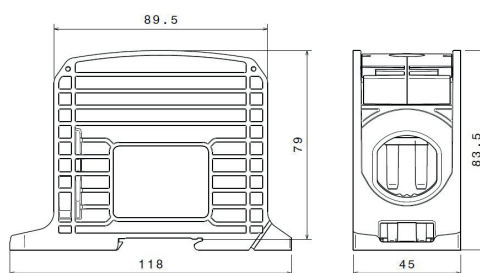
Description:	Terminal block RKA 300
Construction:	Fingersafe IP 20
Item no. :	087910

11.12.2017

Remarks:	The product is compliant with the EC ROHS directives																																																																																	
Standards:	IEC 60947-7-1	UL 1059, CSA-C22.2 No. 158																																																																																
	  																																																																																	
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Surge voltage category:	III																																																																																	
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Mechanical data:	Dimensions:	width x height x depth (mm):	45 x 83,5 x 118																																																																															

 compact stranded

 fine stranded with ferrule



## Design





























Basic housing colour – light grey RAL 7035

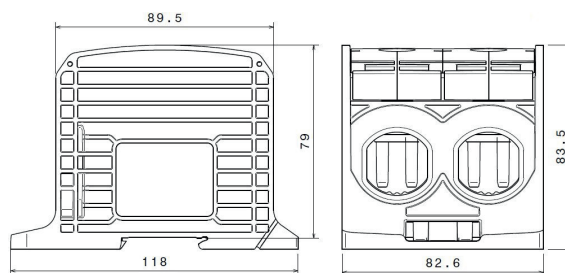
Part no.	Design	Cover colour	PU	GTIN (EAN)
087910-0-3	L G	light grey RAL 7035	1 / 12	4051589879101
087910-1-3	N	light blue RAL 5012	1 / 12	4051589879118
087910-2-3	PE	yellow-green RAL 6018	1 / 12	4051589879125
087910-3-3	LB	clay brown RAL 8003	1 / 12	4051589879132
087910-4-3	L S	jet black RAL 9005	1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

## Technical data

Description:	Terminal block RKA 300 D
Construction:	Fingersafe IP 20
Item no. :	087920

11.12.2017

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	600 V AC																																
Nominal current:	Cu 520 A	Cu 420 A, Al 340 A																																
Rated cross-section:	300 mm <sup>2</sup>	600 kcmil																																
Impulse withstand voltage:	8 kV																																	
Pollution degree:	3																																	
Surge voltage category:	III																																	
CTI value:	550	550																																
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### 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	LB	clay brown RAL 8003	1 / 6	4051589879231
087920-4-3	L S	jet black RAL 9005	1 / 6	4051589879248