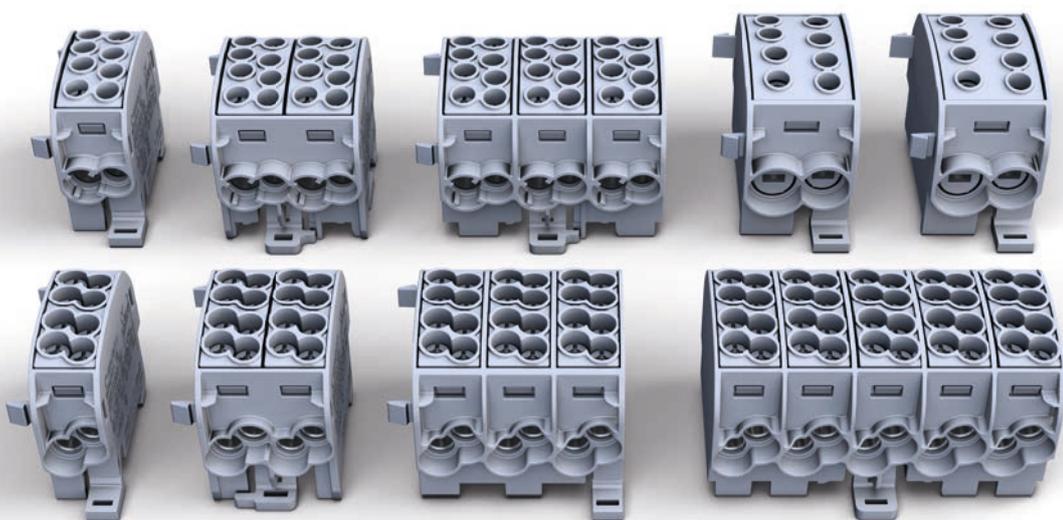




Technical data sheets  
HLAK-series



## Technical data

Description:	Main Line Branch Terminal 25 mm <sup>2</sup> – 1 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080110-x-3

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, IEC 61238-1, UL-1059 / CSA C22.2 No.158-10, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 152 A (2x16mm<sup>2</sup>); 101 A (1x25mm<sup>2</sup>) as per IEC 60947-7-1  
Al 100 A (1x25mm<sup>2</sup>)\* as per IEC 61238-1 (Class A)

\* Approved with Reko SFS 4880 (manufactured by Reka Cables Ltd)

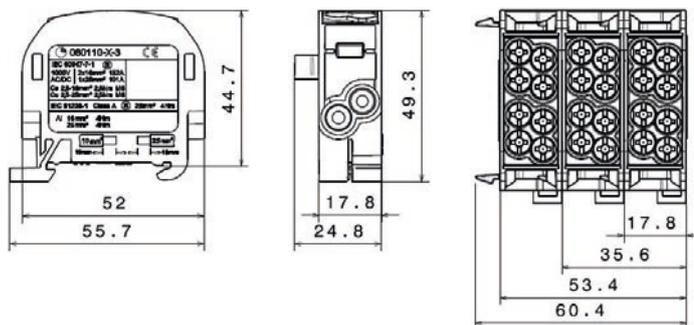
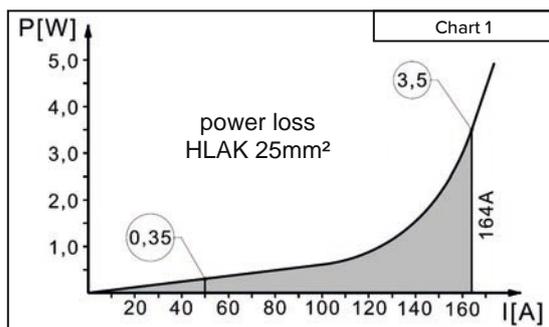
Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

	2 x 25 mm <sup>2</sup> (round conductor)			2 x 16 mm <sup>2</sup> (round conductor)		
	Cu	Al		Cu	Al	
25 mm <sup>2</sup>						
16 mm <sup>2</sup>			4 Nm			4 Nm
10 mm <sup>2</sup>	2,5 Nm	2,5 Nm		2,5 Nm	2,5 Nm	
6 mm <sup>2</sup>						
4 mm <sup>2</sup>						
2,5 mm <sup>2</sup>						
1,5 mm <sup>2</sup>	-			-		
stripping length	19 mm			19 mm		
screw	M6 (+/- PZ2)			M6 (+/- PZ2)		

Materials: Terminal body: brass (CuZn39Pb2) 3-4µm Ni / 7-10µm Sn  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 24,8 x 49,3 x 55,7



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080110-0-3	L "G"	light grey RAL 7035	5	4051589011037
080110-1-3	N	light blue RAL 5012	5	4051589011136
080110-2-3	PE	yellow-green RAL 6018	5	4051589011235
080110-3-3	L "B"	clay brown RAL 8003	5	4051589011334
080110-4-3	L "S"	jet black RAL 9005	5	4051589011433

## Technical data

Description:	Main Line Branch Terminal 25 mm <sup>2</sup> – 1 pole (Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080110-x-4

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 152 A (2x16mm<sup>2</sup>); 101 A (1x25mm<sup>2</sup>) as per IEC 60947-7-1

Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

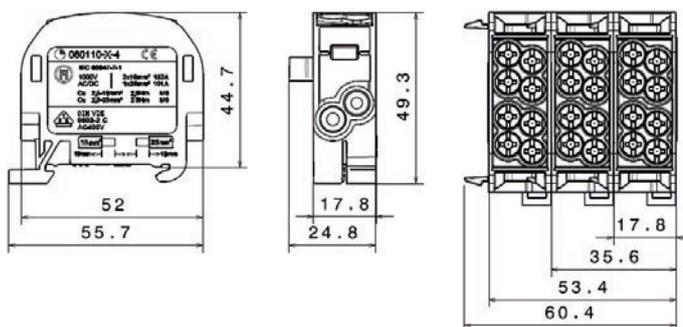
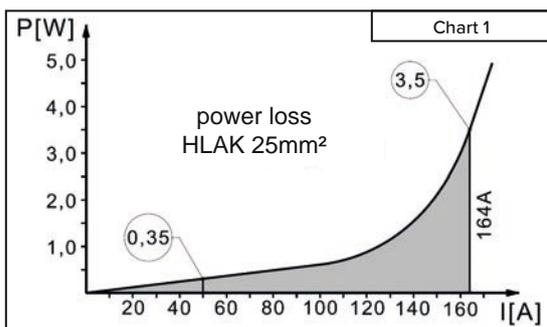
Terminal cross section:	2 x 25 mm <sup>2</sup> (round conductor)		2 x 16 mm <sup>2</sup> (round conductor)	
	Cu		Cu	
25 mm <sup>2</sup>				
16 mm <sup>2</sup>	2,5 Nm	2,5 Nm	-	-
10 mm <sup>2</sup>				
6 mm <sup>2</sup>				
4 mm <sup>2</sup>				
2,5 mm <sup>2</sup>			2,5 Nm	2,5 Nm
1,5 mm <sup>2</sup>	-	-	-	2,5 Nm
stripping length	19 mm		19 mm	
screw	M6 (+/- PZ2)		M6 (+/- PZ2)	

Materials:

Terminal body:	brass (CuZn39Pb2)	bright
Housing:	PA 6 (Halogen-free)	
Screws:	steel	Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 24,8 x 49,3 x 55,7



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080110-0-4	L "G"	light grey RAL 7035	5	4051589801102
080110-1-4	N	light blue RAL 5012	5	4051589801119
080110-2-4	PE	yellow-green RAL 6018	5	4051589801126
080110-3-4	L "B"	clay brown RAL 8003	5	4051589801133
080110-4-4	L "S"	jet black RAL 9005	5	4051589801140

## Technical data

Description:	Main Line Branch Terminal 25 mm <sup>2</sup> „double block“ – 1 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080120-x-3

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, IEC 61238-1-1, UL-1059 / CSA C22.2 No.158-10, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 328 A (4x16mm<sup>2</sup>); 101 A (1x25mm<sup>2</sup>) as per IEC 60947-7-1  
Al ??? A (1x25mm<sup>2</sup>) as per IEC 61238-1-1 Class A (mechanical Class 1)

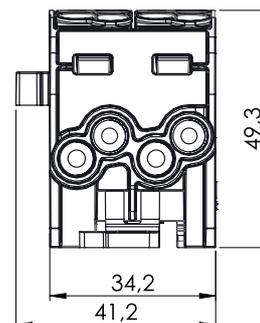
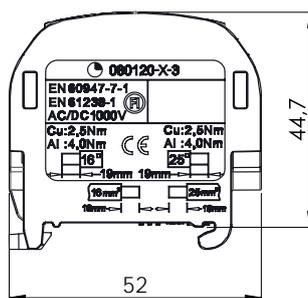
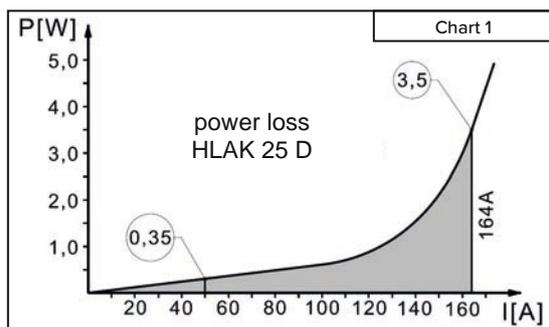
Terminal cross section:

	4 x 25 mm <sup>2</sup> (round conductor)			4 x 16 mm <sup>2</sup> (round conductor)		
	Cu		Al	Cu		Al
	25 mm <sup>2</sup>					
16 mm <sup>2</sup>	2,5 Nm		4 Nm	2,5 Nm		4 Nm
10 mm <sup>2</sup>	2,5 Nm		-	2,5 Nm		-
6 mm <sup>2</sup>	2,5 Nm		-	2,5 Nm		-
4 mm <sup>2</sup>	2,5 Nm		-	2,5 Nm		-
2,5 mm <sup>2</sup>	2,5 Nm		-	2,5 Nm		-
1,5 mm <sup>2</sup>	-		-	-		-
stripping length	19 mm			19 mm		
screw	M6 (+/- PZ2)			M6 (+/- PZ2)		

Materials: Terminal body: brass (CuZn39Pb2) 3-4µm Ni / 7-10µm Sn  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 41,2 x 49,3 x 52



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080120-0-3	L "G"	light grey RAL 7035	2	4051589012034
080120-1-3	N	light blue RAL 5012	2	4051589012133
080120-2-3	PE	yellow-green RAL 6018	2	4051589012232
080120-3-3	L "B"	clay brown RAL 8003	2	4051589012331
080120-4-3	L "S"	jet black RAL 9005	2	4051589012430

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## Technical data

Description:	Main Line Branch Terminal 25 mm <sup>2</sup> „double block“ – 1 pole (Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080120-x-4

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 328 A (4x16mm<sup>2</sup>); 101 A (1x25mm<sup>2</sup>) as per IEC 60947-7-1

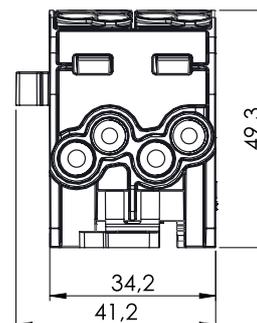
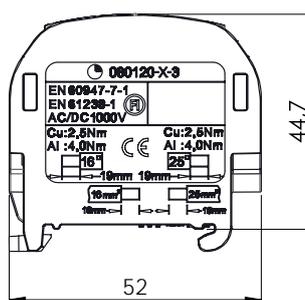
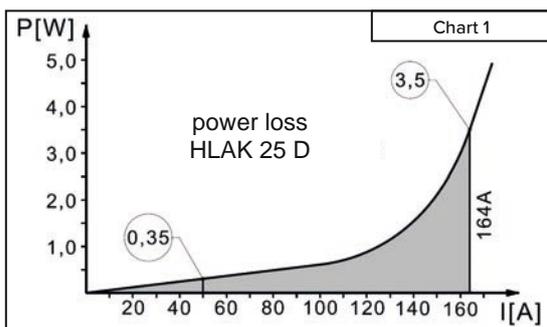
Terminal cross section:	4 x 25 mm <sup>2</sup> (round conductor)		4 x 16 mm <sup>2</sup> (round conductor)	
	Cu		Cu	
25 mm <sup>2</sup>				
16 mm <sup>2</sup>	2,5 Nm		2,5 Nm	
10 mm <sup>2</sup>				
6 mm <sup>2</sup>				
4 mm <sup>2</sup>				
2,5 mm <sup>2</sup>	-		-	
1,5 mm <sup>2</sup>	-		-	
stripping length	19 mm		19 mm	
screw	M6 (+/- PZ2)		M6 (+/- PZ2)	

Materials:

Terminal body:	brass (CuZn39Pb2)	bright
Housing:	PA 6 (Halogen-free)	
Screws:	steel	Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 41,2 x 49,3 x 52



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080120-0-4	L "G"	light grey RAL 7035	2	4051589801201
080120-1-4	N	light blue RAL 5012	2	4051589801218
080120-2-4	PE	yellow-green RAL 6018	2	4051589801225
080120-3-4	L "B"	clay brown RAL 8003	2	4051589801232
080120-4-4	L "S"	jet black RAL 9005	2	4051589801249

## Technical data

Description:	Main Line Branch Terminal 25 mm <sup>2</sup> – 3 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080130-x-3

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, IEC 61238-1, UL-1059 / CSA C22.2 No.158-10, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 152 A (2x16mm<sup>2</sup>); 101 A (1x25mm<sup>2</sup>) as per IEC 60947-7-1  
Al 100 A (1x25mm<sup>2</sup>)\* as per IEC 61238-1 (Class A)

\* Approved with Reko SFS 4880 (manufactured by Reka Cables Ltd)

Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

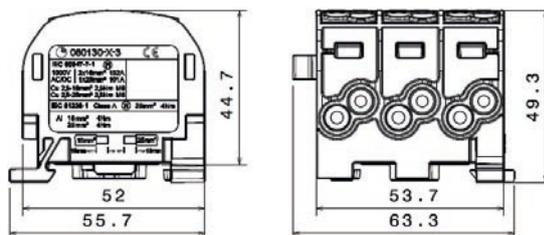
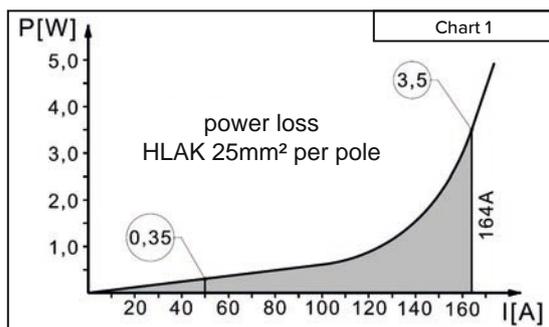
Terminal cross section:  
( per pole )

	2 x 25 mm <sup>2</sup> (round conductor)			2 x 16 mm <sup>2</sup> (round conductor)		
	Cu		Al	Cu		Al
25 mm <sup>2</sup>						
16 mm <sup>2</sup>			4 Nm			4 Nm
10 mm <sup>2</sup>	2,5 Nm	2,5 Nm		2,5 Nm	2,5 Nm	
6 mm <sup>2</sup>						
4 mm <sup>2</sup>						
2,5 mm <sup>2</sup>						
1,5 mm <sup>2</sup>						
stripping length	19 mm			19 mm		
screw	M6 (+/- PZ2)			M6 (+/- PZ2)		

Materials: Terminal body: brass (CuZn39Pb2) 3-4µm Ni / 7-10µm Sn  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 63,3 x 49,3 x 55,7



## Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080130-0-3	3L G		2	4051589013031
080130-1-3	L G / N / PE		2	4051589013130
080130-2-3	PE / L G / N		2	4051589013239
080130-3-3	2L G / N		2	4051589013338
080130-4-3	2L G / PE		2	4051589013437
080130-5-3	3L BSG		2	4051589013536

## Technical data

Description:	Main Line Branch Terminal 25 mm <sup>2</sup> – 3 pole (Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080130-x-4

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 152 A (2x16mm<sup>2</sup>); 101 A (1x25mm<sup>2</sup>) as per IEC 60947-7-1

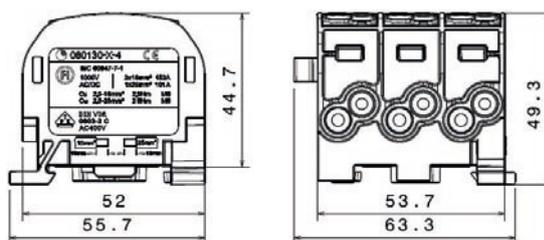
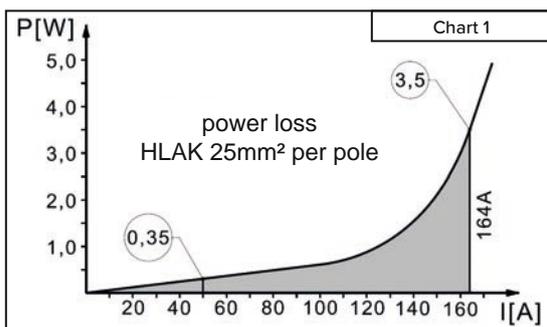
Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

Terminal cross section: ( per pole )	2 x 25 mm <sup>2</sup> (round conductor)		2 x 16 mm <sup>2</sup> (round conductor)	
	Cu		Cu	
25 mm <sup>2</sup>				
16 mm <sup>2</sup>	2,5 Nm	2,5 Nm	-	-
10 mm <sup>2</sup>				
6 mm <sup>2</sup>				
4 mm <sup>2</sup>				
2,5 mm <sup>2</sup>	-	-	2,5 Nm	2,5 Nm
1,5 mm <sup>2</sup>	-	-	-	-
stripping length	19 mm		19 mm	
screw	M6 (+/- PZ2)		M6 (+/- PZ2)	

Materials: Terminal body: brass (CuZn39Pb2) bright  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 63,3 x 49,3 x 55,7



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour			PU	GTIN (EAN)
080130-0-4	3L				2	4051589801300
080130-1-4	L / N / PE				2	4051589801317
080130-2-4	PE / L / N				2	4051589801324
080130-3-4	2L / N				2	4051589801331
080130-4-4	2L / PE				2	4051589801348
080130-5-4	3L BSG				2	4051589801355

## Technical data

Description:	Main Line Branch Terminal 25 mm <sup>2</sup> – 5 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080150-x-3

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, IEC 61238-1, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 152 A (2x16mm<sup>2</sup>); 101 A (1x25mm<sup>2</sup>) as per IEC 60947-7-1  
Al 100 A (1x25mm<sup>2</sup>)\* as per IEC 61238-1 (Class A)

\* Approved with Reko SFS 4880 (manufactured by Reka Cables Ltd)

Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

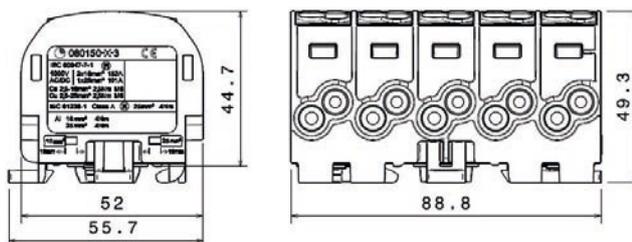
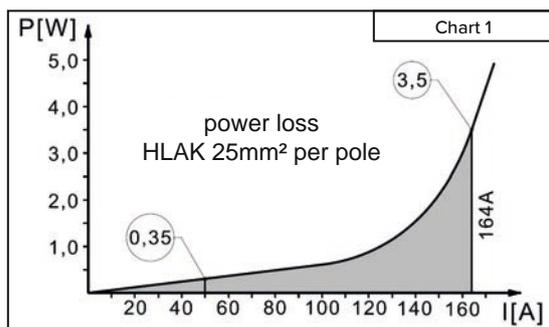
Terminal cross section:  
( per pole )

	2 x 25 mm <sup>2</sup> (round conductor)			2 x 16 mm <sup>2</sup> (round conductor)		
	Cu		Al	Cu		Al
25 mm <sup>2</sup>						
16 mm <sup>2</sup>			4 Nm			4 Nm
10 mm <sup>2</sup>	2,5 Nm	2,5 Nm		2,5 Nm	2,5 Nm	
6 mm <sup>2</sup>						
4 mm <sup>2</sup>						
2,5 mm <sup>2</sup>						
1,5 mm <sup>2</sup>						
stripping length	19 mm			19 mm		
screw	M6 (+/- PZ2)			M6 (+/- PZ2)		

Materials: Terminal body: brass (CuZn39Pb2) 3-4µm Ni / 7-10µm Sn  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 88,8 x 49,3 x 55,7



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour					PU	GTIN (EAN)
080150-0-3	5L G						1	4051589015035
080150-1-3	3L G / N / PE						1	4051589015134
080150-2-3	N / 3L G / PE						1	4051589015233
080150-3-3	PE / 3L G / N						1	4051589015332
080150-4-3	PE / N / 3L G						1	4051589015431
080150-5-3	PE / 3L BSG / N						1	4051589015530

## Technical data

Description: Main Line Branch Terminal 25 mm<sup>2</sup> – 5 pole (Cu)

Construction: Model C – all-side fingersafe, modular system

Item no. : 080150-x-4

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 152 A (2x16mm<sup>2</sup>); 101 A (1x25mm<sup>2</sup>) as per IEC 60947-7-1

Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

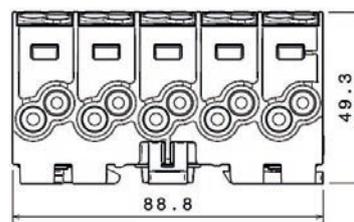
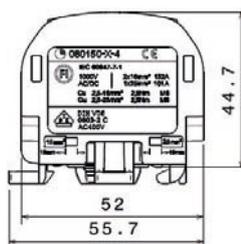
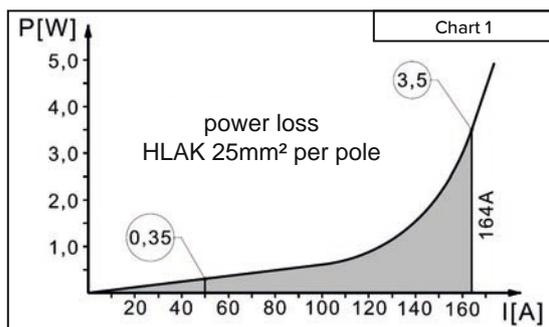
Terminal cross section:  
( per pole )

	2 x 25 mm <sup>2</sup> (round conductor)		2 x 16 mm <sup>2</sup> (round conductor)			
	Cu		Cu			
25 mm <sup>2</sup>	2,5 Nm	2,5 Nm	-	-		
16 mm <sup>2</sup>			-	-		
10 mm <sup>2</sup>			2,5 Nm	2,5 Nm	-	
6 mm <sup>2</sup>					-	-
4 mm <sup>2</sup>					-	-
2,5 mm <sup>2</sup>	-	-	2,5 Nm			
1,5 mm <sup>2</sup>	-	-	-	-		
stripping length	19 mm		19 mm			
screw	M6 (+/- PZ2)		M6 (+/- PZ2)			

Materials: Terminal body: brass (CuZn39Pb2) bright  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 88,8 x 49,3 x 55,7



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080150-0-4	5L		1	4051589801508
080150-1-4	3L / N / PE		1	4051589801515
080150-2-4	N / 3L / PE		1	4051589801522
080150-3-4	PE / 3L / N		1	4051589801539
080150-4-4	PE / N / 3L		1	4051589801546
080150-5-4	PE / 3L "BSG" / N		1	4051589801553

## Technical data

Description:	Main Line Branch Terminal 35 mm <sup>2</sup> – 1 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080210-x-3

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, IEC 61238-1, UL-1059 / CSA C22.2 No.158-10, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 202 A (2x25mm<sup>2</sup>); 125 A (1x35mm<sup>2</sup>) as per IEC 60947-7-1  
Al 125 A (1x35mm<sup>2</sup>)\* as per IEC 61238-1 (Class A)

\* Approved with Reko SFS 4880 (manufactured by Reka Cables Ltd)

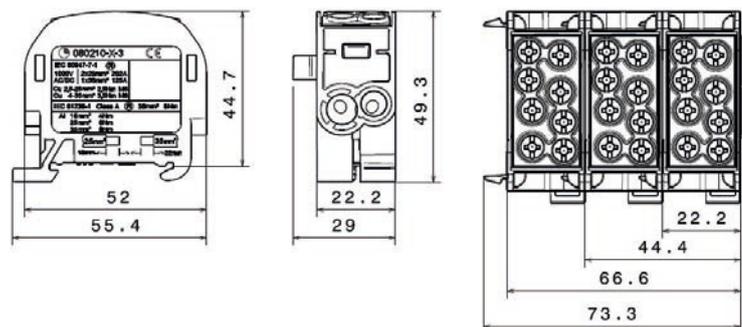
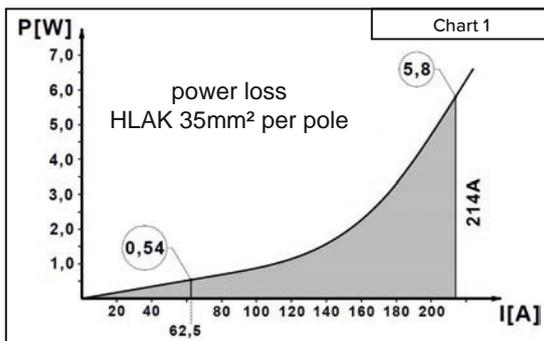
Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

Terminal cross section:	2 x 35 mm <sup>2</sup> (round conductor)			2 x 25 mm <sup>2</sup> (round conductor)		
	Cu		Al	Cu		Al
	35 mm <sup>2</sup>			8 Nm		
25 mm <sup>2</sup>	3,5 Nm	3,5 Nm	6 Nm	2,5 Nm	2,5 Nm	6 Nm
16 mm <sup>2</sup>			4 Nm			4 Nm
10 mm <sup>2</sup>			-			-
6 mm <sup>2</sup>			-			-
4 mm <sup>2</sup>	-	-	-	-	-	-
2,5 mm <sup>2</sup>	-	-	-	-	-	-
1,5 mm <sup>2</sup>	-	-	-	-	-	-
stripping length	22 mm			18 mm		
screw	M8 (+/- PZ2)			M6 (+/- PZ2)		

Materials: Terminal body: brass (CuZn39Pb2) 3-4µm Ni / 7-10µm Sn  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 29 x 49,3 x 55,4



Design				
Basic housing colour – light grey RAL 7035				
Part no.	Design	Cover colour	PU	GTIN (EAN)
080210-0-3	L "G"	light grey RAL 7035	5	4051589021036
080210-1-3	N	light blue RAL 5012	5	4051589021135
080210-2-3	PE	yellow-green RAL 6018	5	4051589021234
080210-3-3	L "B"	clay brown RAL 8003	5	4051589021333
080210-4-3	L "S"	jet black RAL 9005	5	4051589021432

## Technical data

Description:	Main Line Branch Terminal 35 mm <sup>2</sup> – 1 pole (Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080210-x-4

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 202 A (2x25mm<sup>2</sup>); 125 A (1x35mm<sup>2</sup>) as per IEC 60947-7-1

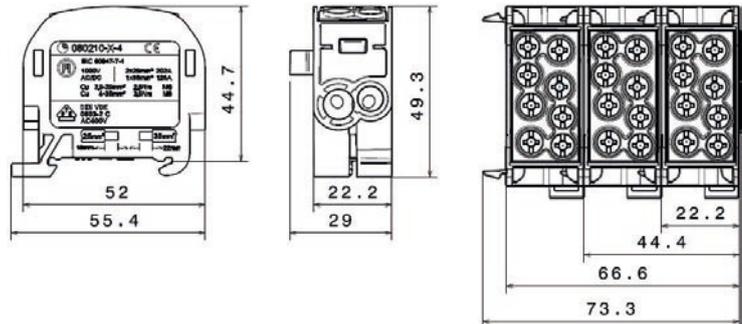
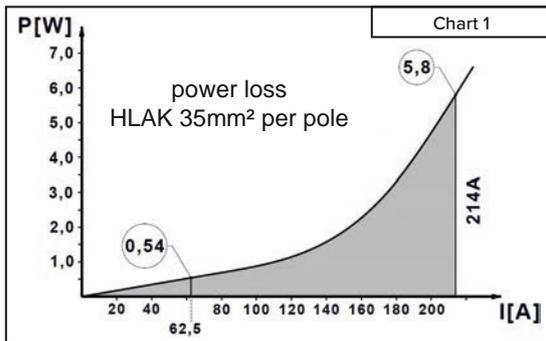
Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

Terminal cross section:	2 x 35 mm <sup>2</sup> (round conductor)		2 x 25 mm <sup>2</sup> (round conductor)	
	Cu		Cu	
35 mm <sup>2</sup>				
25 mm <sup>2</sup>	3,5 Nm	3,5 Nm	-	-
16 mm <sup>2</sup>				
10 mm <sup>2</sup>				
6 mm <sup>2</sup>			2,5 Nm	2,5 Nm
4 mm <sup>2</sup>				
2,5 mm <sup>2</sup>	-	-	-	2,5 Nm
1,5 mm <sup>2</sup>	-	-	-	-
stripping length	22 mm		18 mm	
screw	M8 (+/- PZ2)		M6 (+/- PZ2)	

Materials: Terminal body: brass (CuZn39Pb2) bright  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 29 x 49,3 x 55,4



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080210-0-4	L "G"	light grey RAL 7035	5	4051589802109
080210-1-4	N	light blue RAL 5012	5	4051589802116
080210-2-4	PE	yellow-green RAL 6018	5	4051589802123
080210-3-4	L "B"	clay brown RAL 8003	5	4051589802130
080210-4-4	L "S"	jet black RAL 9005	5	4051589802147

## Technical data

Description:	Main Line Branch Terminal 35 mm <sup>2</sup> „double block“ – 1 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080220-x-3

**Remarks:** The product is compliant with the EC ROHS directives

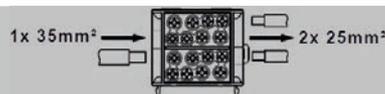
**Standards:** IEC 60947-7-1, IEC 61238-1, DIN VDE 0603-3-1



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

**Nominal current:** Cu 428 A (4x25mm<sup>2</sup>); 125 A (1x35mm<sup>2</sup>) as per IEC 60947-7-1

Al 125 A (1x35mm<sup>2</sup>)\* as per IEC 61238-1 (Class A)



\* Approved with Reko SFS 4880 (manufactured by Reka Cables Ltd)

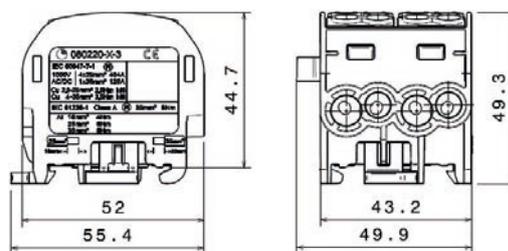
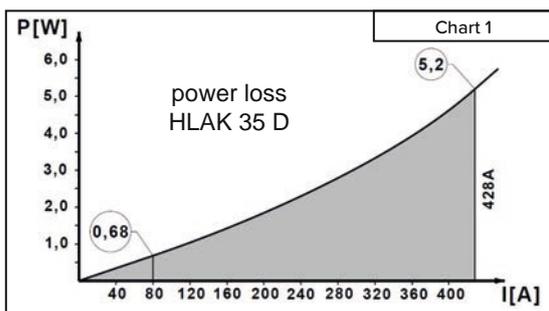
**Power loss:** Tested by SGS Fimko Ltd (FI) (see chart 1)

	4 x 35 mm <sup>2</sup> (round conductor)			4 x 25 mm <sup>2</sup> (round conductor)		
	Cu		Al	Cu		Al
	35 mm <sup>2</sup>					
25 mm <sup>2</sup>	-	-	8 Nm	-	-	-
16 mm <sup>2</sup>	3,5 Nm	3,5 Nm	6 Nm	2,5 Nm	2,5 Nm	6 Nm
10 mm <sup>2</sup>			4 Nm			4 Nm
6 mm <sup>2</sup>			-			-
4 mm <sup>2</sup>	-	-	-	-	-	-
2,5 mm <sup>2</sup>	-	-	-	-	-	-
1,5 mm <sup>2</sup>	-	-	-	-	-	-
stripping length	22 mm			18 mm		
screw	M8 (+/- PZ2)			M6 (+/- PZ2)		

**Materials:**  
 Terminal body: brass (CuZn39Pb2)      3-4µm Ni / 7-10µm Sn  
 Housing: PA 6 (Halogen-free)  
 Screws: steel      Zn thick-film passivated

**Flame resistance:** Self-extinguishing

**Mechanical data:** Dimensions: width x height x depth (mm): 49,9 x 49,3 x 55,4



Design				
Basic housing colour – light grey RAL 7035				
Part no.	Design	Cover colour	PU	GTIN (EAN)
080220-0-3	L "G"	light grey RAL 7035	2	4051589022033
080220-1-3	N	light blue RAL 5012	2	4051589022132
080220-2-3	PE	yellow-green RAL 6018	2	4051589022231
080220-3-3	L "B"	clay brown RAL 8003	2	4051589022330
080220-4-3	L "S"	jet black RAL 9005	2	4051589022439

## Technical data

Description:	Main Line Branch Terminal 35 mm <sup>2</sup> „double block“ – 1 pole (Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080220-x-4

**Remarks:** The product is compliant with the EC ROHS directives

**Standards:** IEC 60947-7-1, DIN VDE 0603-3-1



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

**Nominal current:** Cu 428 A (4x25mm<sup>2</sup>); 125 A (1x35mm<sup>2</sup>) as per IEC 60947-7-1

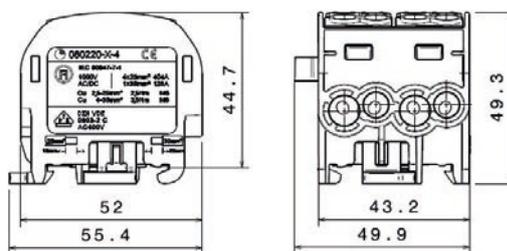
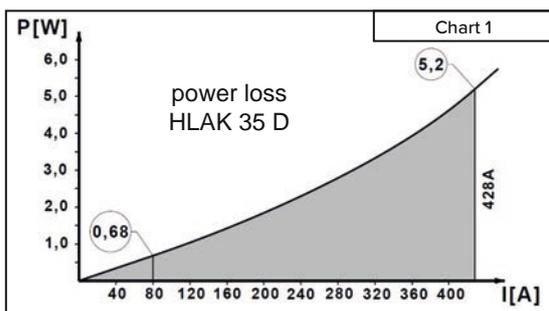
**Power loss:** Tested by SGS Fimko Ltd (FI) (see chart 1)

Terminal cross section:	4 x 35 mm <sup>2</sup> (round conductor)		4 x 25 mm <sup>2</sup> (round conductor)	
	Cu		Cu	
35 mm <sup>2</sup>				
25 mm <sup>2</sup>	3,5 Nm	3,5 Nm	2,5 Nm	2,5 Nm
16 mm <sup>2</sup>				
10 mm <sup>2</sup>				
6 mm <sup>2</sup>				
4 mm <sup>2</sup>				
2,5 mm <sup>2</sup>	-	-	-	-
1,5 mm <sup>2</sup>	-	-	-	-
stripping length	22 mm		18 mm	
screw	M8 (+/- PZ2)		M6 (+/- PZ2)	

**Materials:**  
 Terminal body: brass (CuZn39Pb2) bright  
 Housing: PA 6 (Halogen-free)  
 Screws: steel Zn thick-film passivated

**Flame resistance:** Self-extinguishing

**Mechanical data:** Dimensions: width x height x depth (mm): 49,9 x 49,3 x 55,4



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080220-0-4	L "G"	light grey RAL 7035	2	4051589802208
080220-1-4	N	light blue RAL 5012	2	4051589802215
080220-2-4	PE	yellow-green RAL 6018	2	4051589802222
080220-3-4	L "B"	clay brown RAL 8003	2	4051589802239
080220-4-4	L "S"	jet black RAL 9005	2	4051589802246

## Technical data

Description:	Main Line Branch Terminal 35 mm <sup>2</sup> – 3 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080230-x-3

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, IEC 61238-1, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 202 A (2x25mm<sup>2</sup>); 125 A (1x35mm<sup>2</sup>) as per IEC 60947-7-1  
Al 125 A (1x35mm<sup>2</sup>)\* as per IEC 61238-1 (Class A)

\* Approved with Reko SFS 4880 (manufactured by Reka Cables Ltd)

Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

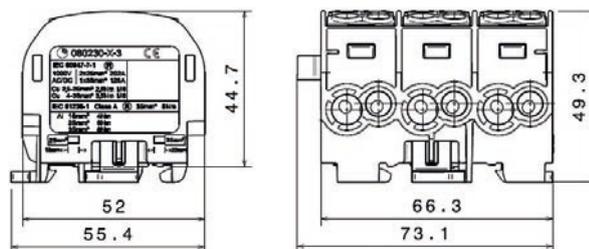
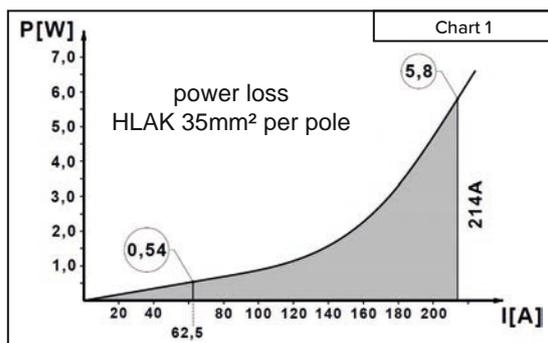
Terminal cross section:  
( per pole )

	2 x 35 mm <sup>2</sup> (round conductor)			2 x 25 mm <sup>2</sup> (round conductor)		
	Cu		Al	Cu		Al
35 mm <sup>2</sup>						
25 mm <sup>2</sup>	3,5 Nm	3,5 Nm	8 Nm	2,5 Nm	2,5 Nm	-
16 mm <sup>2</sup>			6 Nm			6 Nm
10 mm <sup>2</sup>			4 Nm			4 Nm
6 mm <sup>2</sup>			-			-
4 mm <sup>2</sup>	-	-	-	-	-	-
2,5 mm <sup>2</sup>	-	-	-	-	-	-
1,5 mm <sup>2</sup>	-	-	-	-	-	-
stripping length	22 mm			18 mm		
screw	M8 (+/- PZ2)			M6 (+/- PZ2)		

Materials: Terminal body: brass (CuZn39Pb2) 3-4µm Ni / 7-10µm Sn  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 73,1 x 49,3 x 55,4



## Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080230-0-3	3L		-	4051589023030
080230-1-3	L / N / PE		-	4051589023139
080230-2-3	PE / L / N		-	4051589023238
080230-3-3	2L / N		-	4051589023337
080230-4-3	2L / PE		-	4051589023436

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

## Technical data

Description:	Main Line Branch Terminal 35 mm <sup>2</sup> – 3 pole (Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080230-x-4

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 202 A (2x25mm<sup>2</sup>); 125 A (1x35mm<sup>2</sup>) as per IEC 60947-7-1

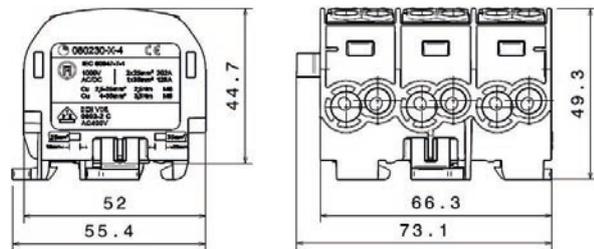
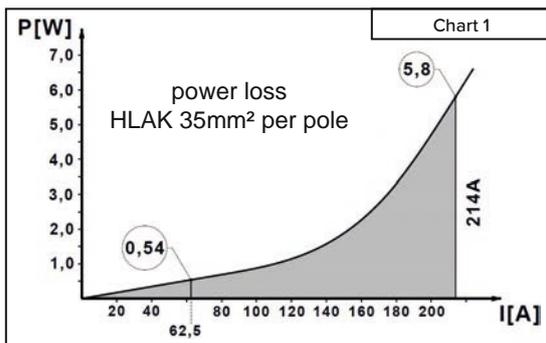
Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

Terminal cross section: ( per pole )	2 x 35 mm <sup>2</sup> (round conductor)		2 x 25 mm <sup>2</sup> (round conductor)	
	Cu		Cu	
35 mm <sup>2</sup>				
25 mm <sup>2</sup>	3,5 Nm	3,5 Nm	-	-
16 mm <sup>2</sup>				
10 mm <sup>2</sup>			2,5 Nm	2,5 Nm
6 mm <sup>2</sup>				
4 mm <sup>2</sup>				
2,5 mm <sup>2</sup>	-	-	2,5 Nm	
1,5 mm <sup>2</sup>	-	-		
stripping length	22 mm		18 mm	
screw	M8 (+/- PZ2)		M6 (+/- PZ2)	

Materials: Terminal body: brass (CuZn39Pb2) bright  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 73,1 x 49,3 x 55,4



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080230-0-4	3L		-	4051589802307
080230-1-4	L / N / PE		-	4051589802314
080230-2-4	PE / L / N		-	4051589802321
080230-3-4	2L / N		-	4051589802338
080230-4-4	2L / PE		-	4051589802345

# Technical data

Description:	Main Line Branch Terminal 35 mm <sup>2</sup> – 5 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080250-x-3

**Remarks:** The product is compliant with the EC ROHS directives

**Standards:** IEC 60947-7-1, IEC 61238-1, DIN VDE 0603-3-1



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

**Nominal current:** Cu 202 A (2x25mm<sup>2</sup>); 125 A (1x35mm<sup>2</sup>) as per IEC 60947-7-1  
Al 125 A (1x35mm<sup>2</sup>)\* as per IEC 61238-1 (Class A)

\* Approved with Reko SFS 4880 (manufactured by Reka Cables Ltd)

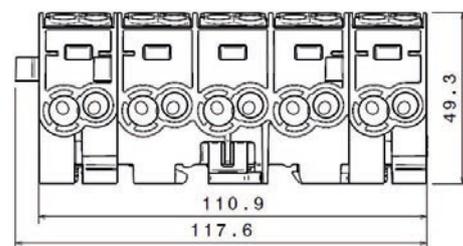
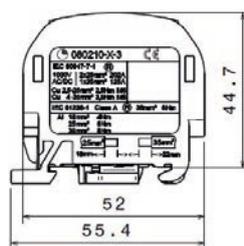
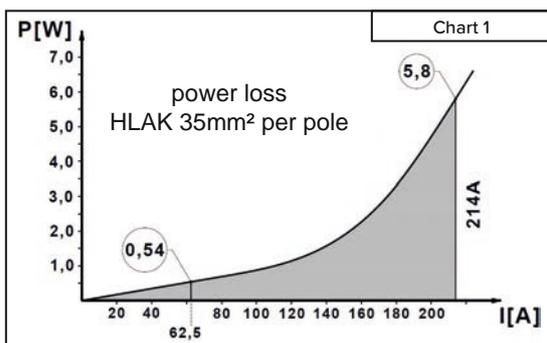
**Power loss:** Tested by SGS Fimko Ltd (FI) (see chart 1)

Terminal cross section: ( per pole )	2 x 35 mm <sup>2</sup> (round conductor)			2 x 25 mm <sup>2</sup> (round conductor)		
	Cu		Al	Cu		Al
	35 mm <sup>2</sup>			8 Nm		
25 mm <sup>2</sup>	3,5 Nm	3,5 Nm	6 Nm	2,5 Nm	2,5 Nm	6 Nm
16 mm <sup>2</sup>			4 Nm			4 Nm
10 mm <sup>2</sup>			-			-
6 mm <sup>2</sup>			-			-
4 mm <sup>2</sup>	-	-	-	-	-	-
2,5 mm <sup>2</sup>	-	-	-	-	-	-
1,5 mm <sup>2</sup>	-	-	-	-	-	-
stripping length	22 mm			18 mm		
screw	M8 (+/- PZ2)			M6 (+/- PZ2)		

**Materials:**  
Terminal body: brass (CuZn39Pb2) 3-4µm Ni / 7-10µm Sn  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

**Flame resistance:** Self-extinguishing

**Mechanical data:** Dimensions: width x height x depth (mm): 117,6 x 49,3 x 55,4



## Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080250-0-3	5L		1	4051589025034
080250-1-3	3L / N / PE		1	4051589025133
080250-2-3	N / 3L / PE		1	4051589025232
080250-3-3	PE / 3L / N		1	4051589025331
080250-4-3	3L / PE / N		1	4051589025430
080250-5-3	PE / 3L "BSG" / N		1	4051589025539

## Technical data

Description:	Main Line Branch Terminal 35 mm <sup>2</sup> – 5 pole (Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080250-x-4

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 202 A (2x25mm<sup>2</sup>); 125 A (1x35mm<sup>2</sup>) as per IEC 60947-7-1

Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

Terminal cross section:  
( per pole )

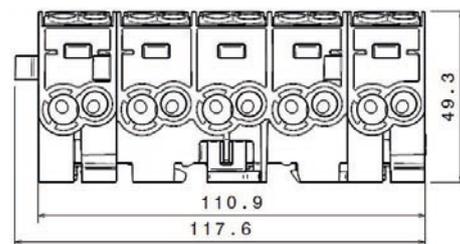
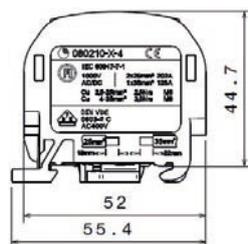
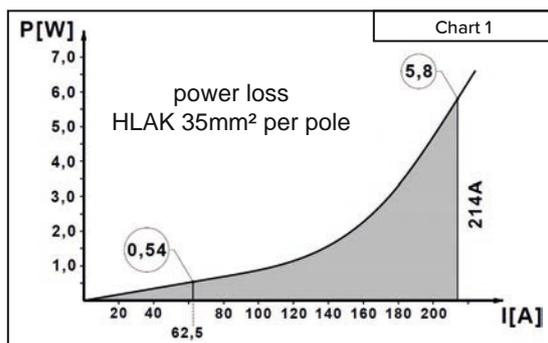
	2 x 35 mm <sup>2</sup> (round conductor)		2 x 25 mm <sup>2</sup> (round conductor)	
	Cu		Cu	
35 mm <sup>2</sup>	3,5 Nm	3,5 Nm	2,5 Nm	2,5 Nm
25 mm <sup>2</sup>				
16 mm <sup>2</sup>				
10 mm <sup>2</sup>				
6 mm <sup>2</sup>				
4 mm <sup>2</sup>				
2,5 mm <sup>2</sup>				
1,5 mm <sup>2</sup>				
stripping length	22 mm		18 mm	
screw	M8 (+/- PZ2)		M6 (+/- PZ2)	

Materials:

Terminal body:	brass (CuZn39Pb2)	bright
Housing:	PA 6 (Halogen-free)	
Screws:	steel	Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 117,6 x 49,3 x 55,4



## Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080250-0-4	5L		1	4051589802505
080250-1-4	3L / N / PE		1	4051589802512
080250-2-4	N / 3L / PE		1	4051589802529
080250-3-4	PE / 3L / N		1	4051589802536
080250-4-4	3L / PE / N		1	4051589802543
080250-5-4	PE / 3L "BSG" / N		1	4051589802550

## Technical data

Description: Main Line Branch Terminal 70 mm<sup>2</sup> – 1 pole (Al/Cu)

Construction: Model C – all-side fingersafe, modular system

Item no. : 080310-x-3

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, IEC 61238-1, UL-1059 / CSA C22.2 No.158-10, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 300 A (2x50mm<sup>2</sup>); 192 A (1x70mm<sup>2</sup>) as per IEC 60947-7-1  
Al 300 A (2x50mm<sup>2</sup>)\* as per IEC 61238-1 (Class A)

\* Approved with Reko SFS 4880 (manufactured by Reka Cables Ltd)

Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

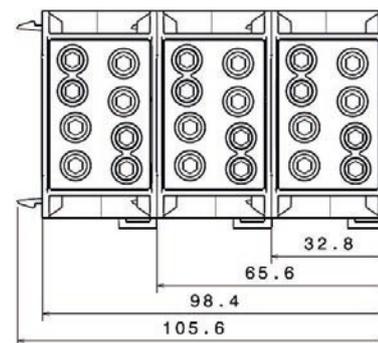
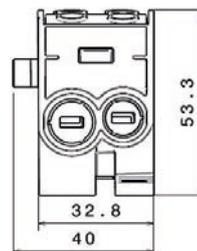
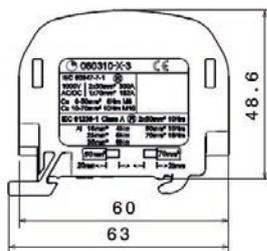
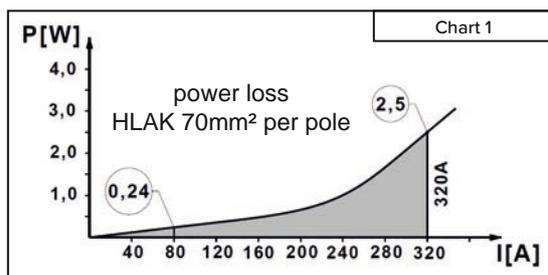
Terminal cross section:

	2 x 70 mm <sup>2</sup> (round conductor)			2 x 50 mm <sup>2</sup> (round conductor)		
	Cu		Al	Cu		Al
70 mm <sup>2</sup>	10 Nm	10 Nm	18 Nm	6 Nm	6 Nm	-
50 mm <sup>2</sup>			10 Nm			10 Nm
35 mm <sup>2</sup>			8 Nm			8 Nm
25 mm <sup>2</sup>			6 Nm			6 Nm
16 mm <sup>2</sup>			4 Nm			4 Nm
10 mm <sup>2</sup>						
6 mm <sup>2</sup>						
4 mm <sup>2</sup>						
stripping length	25 mm			20 mm		
screw	M10 (SW 4 mm)			M8 (SW 4 mm)		

Materials: Terminal body: brass (CuZn39Pb2) 3-4µm Ni / 7-10µm Sn  
Housing: PA 6 (Halogen-free)  
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 40 x 53,3 x 63



## Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080310-0-3	L "G"	light grey RAL 7035	3	4051589031035
080310-1-3	N	light blue RAL 5012	3	4051589031134
080310-2-3	PE	yellow-green RAL 6018	3	4051589031233
080310-3-3	L "B"	clay brown RAL 8003	3	4051589031332
080310-4-3	L "S"	jet black RAL 9005	3	4051589031431

## Technical data

Description:	Main Line Branch Terminal 70 mm <sup>2</sup> – 1 pole (Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080310-x-4

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, DIN VDE 0603-3-1



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 300 A (2x50mm<sup>2</sup>); 192 A (1x70mm<sup>2</sup>) as per IEC 60947-7-1

Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

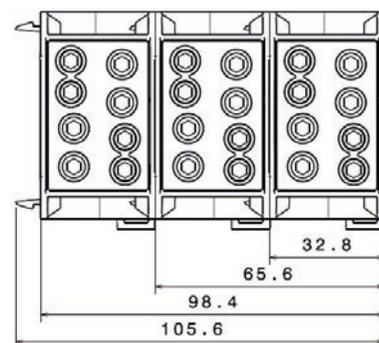
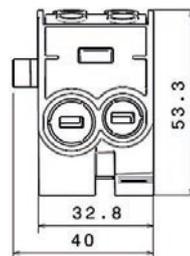
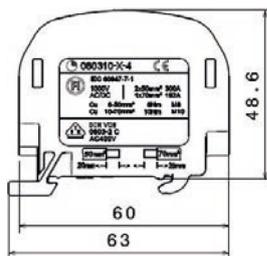
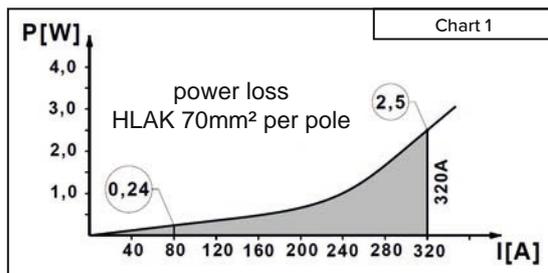
Terminal cross section:

	2 x 70 mm <sup>2</sup> (round conductor)		2 x 50 mm <sup>2</sup> (round conductor)	
	Cu		Cu	
70 mm <sup>2</sup>	10 Nm	-	6 Nm	-
50 mm <sup>2</sup>		-		-
35 mm <sup>2</sup>		10 Nm		6 Nm
25 mm <sup>2</sup>		10 Nm		6 Nm
16 mm <sup>2</sup>		10 Nm		6 Nm
10 mm <sup>2</sup>	-	-	-	6 Nm
6 mm <sup>2</sup>	-	-	-	-
4 mm <sup>2</sup>	-	-	-	-
stripping length	25 mm		20 mm	
screw	M10 (SW 4 mm)		M8 (SW 4 mm)	

Materials: Terminal body: brass (CuZn39Pb2) bright  
 Housing: PA 6 (Halogen-free)  
 Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 40 x 53,3 x 63



## Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080310-0-4	L "G"	light grey RAL 7035	3	4051589803106
080310-1-4	N	light blue RAL 5012	3	4051589803113
080310-2-4	PE	yellow-green RAL 6018	3	4051589803120
080310-3-4	L "B"	clay brown RAL 8003	3	4051589803137
080310-4-4	L "S"	jet black RAL 9005	3	4051589803144