

Distribution terminal blocks

- phase
- ground

DIN 1-3



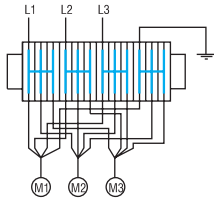
End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

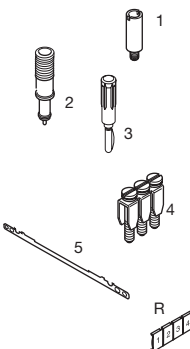
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Example of application :



The monobloc connector bar ensures perfect continuity between input and distribution. Each block has 2 Screw clamp terminals.

Accessories

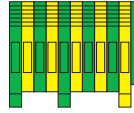
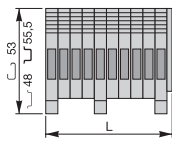


1	Test socket		
2	Test device		
3	Test plug		
4	Assembled jumper bar (without IP 20 protection)		
4	Assembled jumper bar (with IP 20 protection)		
5	Shield connector		
R	See section on markers marking method		

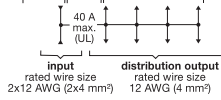
MB 4/6.L...

MB 4/6.P...

Spacing 6 mm (.238")



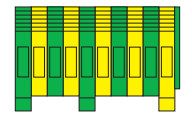
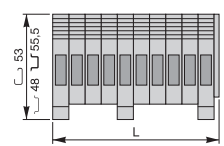
NFC : 30 A max. 60 A max. 30 A max./ pole
 CSA : 25 A max. 50 A max. 25 A max./ pole
 UL : 20 A max. 40 A max. 20 A max./ pole



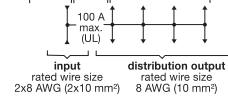
MB 6/8.L...

MB 6/8.P...

Spacing 8 mm (.315")



NFC : 51 A max. 102 A max. 51 A max./ pole
 CSA : 35 A max. 70 A max. 35 A max./ pole
 UL : 50 A max. 100 A max. 50 A max./ pole



Colour	Type	Part numbers
	Nb of blocks	L mm
Phases		
Grey	2	14,5
Grey	3	20,5
Grey	4	26,5
Grey	5	32,5
Grey	6	38,5
Grey	8	50,5
Grey	10	62,5
Ground (no electrical connection to rail)		
Green-Yellow	2	14,5
Green-Yellow	3	20,5
Green-Yellow	4	26,5
Green-Yellow	5	32,5
Green-Yellow	6	38,5
Green-Yellow	8	50,5
Green-Yellow	10	62,5

Colour	Type	Part numbers
	Nb of blocks	L mm
Phases		
Grey	2	18,5
Grey	3	26,5
Grey	4	34,5
Grey	5	42,5
Grey	6	50,5
Grey	8	66,5
Grey	10	82,5
Ground (no electrical connection to rail)		
Green-Yellow	2	18,5
Green-Yellow	3	26,5
Green-Yellow	4	34,5
Green-Yellow	5	42,5
Green-Yellow	6	50,5
Green-Yellow	8	66,5
Green-Yellow	10	82,5

Characteristics

Wire size	IEC		UL	CSA
	NFC	DIN		
Screw clamp	Rigid	0,2-4 mm ²	22-10 AWG	22-12 AWG
Flexible		0,22-4 mm ²	22-10 AWG	22-12 AWG

Characteristics

Wire size	IEC		UL	CSA
	NFC	DIN		
Screw clamp	Rigid	0,5-10 mm ²	22-8 AWG	20-8 AWG
Flexible		0,5-6 mm ²	22-8 AWG	20-8 AWG

Voltage

Rated	800 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		

Voltage

Rated	800 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		

Current

Rated	Short-circuit	32A	300A/1s	20 A	25 A
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Current

Rated	Short-circuit	41A	720A/1s	50 A	35 A
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Wire size

Rated / Gauge	4 mm ² /A4	10 AWG	10 AWG
Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
9,5 mm	4 mm	0,5-0,8 Nm	IP20
.37"	.16"	4,5-7,1 lb.in	NEMA 1

Wire size

Rated / Gauge	6 mm ²	8 AWG	8 AWG
Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
12 mm	4-5 mm	0,8-1 Nm	IP20
.47"	.16-.20"	7,1-8,9 lb.in	NEMA 1

Type	Part numbers
AL2	DIA. 2 mm 1SNA 163 043 R2100
AL3	DIA. 3 mm 1SNA 163 261 R0000
DCJ	yellow 1SNA 173 059 R0300
FC2	DIA. 2 mm 1SNA 007 865 R2600
BJM6	2 to 10 poles (1)
BJMI6	2 to 10 poles (1)
CBM5	th. 0,5 mm 1SNA 178 745 R1400
CBM8	th. 0,8 mm 1SNA 178 746 R1500

Type	Part numbers
AL2	DIA. 2 mm 1SNA 163 043 R2100
AL3	DIA. 3 mm 1SNA 163 261 R0000
AL4	DIA. 4 mm 1SNA 163 262 R0100
DCO	orange 1SNA 173 060 R0000
FC2	DIA. 2 mm 1SNA 007 865 R2600
FC4	DIA. 4 mm 1SNA 167 860 R0100
BJM8	2 to 10 poles (1)
BJMI8	2 to 10 poles (1)

RC65 - RC610

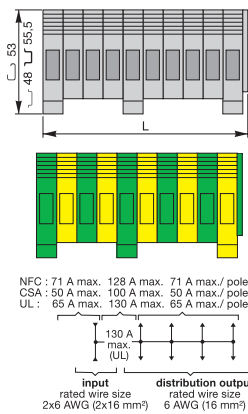
Note : (1) See section : accessories

RC810

MB 10/10.L...

MB 10/10.P...

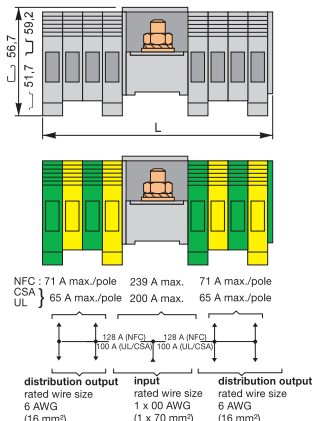
Spacing 10 mm (.394")



MB 70/10.L...

MB 70/10.P...

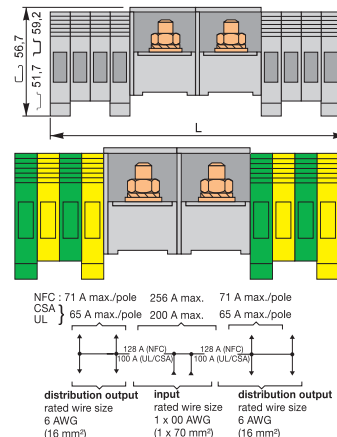
Spacing 10 mm (.394") with single connection point



MB 2x70/10.L...

MB 2x70/10.P...

Spacing 10 mm (.394") with double connection point



Colour	Type	Part numbers
	Nb of L blocks mm	
Grey	2 22,5	MB 10/10.L2 1SNA 115 328 R2300
Grey	3 32,5	MB 10/10.L3 1SNA 115 329 R2400
Grey	4 42,5	MB 10/10.L4 1SNA 115 330 R2100
Grey	5 52,5	MB 10/10.L5 1SNA 115 331 R1600
Grey	6 62,5	MB 10/10.L6 1SNA 115 332 R1700
Grey	8 82,5	MB 10/10.L8 1SNA 115 333 R1000
Grey	10 102,5	MB 10/10.L10 1SNA 115 334 R1100
Ground (no electrical connection to rail)		
Green-Yellow	2 22,5	MB 10/10.P2 1SNA 165 343 R0400
Green-Yellow	3 32,5	MB 10/10.P3 1SNA 165 344 R0500
Green-Yellow	4 42,5	MB 10/10.P4 1SNA 165 345 R0600
Green-Yellow	5 52,5	MB 10/10.P5 1SNA 165 346 R0700
Green-Yellow	6 62,5	MB 10/10.P6 1SNA 165 347 R0000
Green-Yellow	8 82,5	MB 10/10.P8 1SNA 165 348 R1100
Green-Yellow	10 102,5	MB 10/10.P10 1SNA 165 349 R1200



Colour	Type	Part numbers
	Nb of L blocks mm	
Grey	2x1 54	MB 70/10.L2 1SNA 115 335 R1200
Grey	2x2 74	MB 70/10.L4 1SNA 115 336 R1300
Grey	2x3 94	MB 70/10.L6 1SNA 115 337 R1400
Grey	2x4 114	MB 70/10.L8 1SNA 115 338 R2500
Ground (no electrical connection to rail)		
Green-Yellow	2x1 54	MB 70/10.P2 1SNA 165 350 R1700
Green-Yellow	2x2 74	MB 70/10.P4 1SNA 165 351 R0400
Green-Yellow	2x3 94	MB 70/10.P6 1SNA 165 352 R0500
Green-Yellow	2x4 114	MB 70/10.P8 1SNA 165 353 R0600



Colour	Type	Part numbers
	Nb of L blocks mm	
Grey	2x4 143	MB 2x70/10.L8 1SNA 115 342 R2100
Ground (no electrical connection to rail)		
Green-Yellow	2x4 143	MB 2x70/10.P8 1SNA 165 357 R0200

Characteristics

Wire size	IEC		UL	CSA
	Rigid	DIN		
Compression clamp	0,5-16 mm ²		22-6 AWG	18-6 AWG
Flexible	0,5-10 mm ²		22-6 AWG	18-6 AWG
Lugs	Max. 95 mm ²		00 AWG	00 AWG max.
	Rated 70 mm ²		00 AWG	00 AWG max.

Voltage			
Rated	800 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		

Current			
Rated	Short-circuit	63A	1200A/1s
		65 A	50 A

Wire size			
Rated / Gauge	10 mm ²	6 AWG	6 AWG

Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
12 mm	5,5-6 mm	1,2-1,4 Nm	IP20
.47"	.22-.24"	10,6-12,3 lb.in	NEMA 1

Type	Part numbers
AL2	DIA. 2 mm 1SNA 163 043 R2100
AL3	DIA. 3 mm 1SNA 163 261 R0000
AL4	DIA. 4 mm 1SNA 163 262 R0100
FC2	DIA. 2 mm 1SNA 007 865 R2600
FC4	DIA. 4 mm 1SNA 167 860 R0100
BJM10	2 to 10 poles (1)
BJMI10	2 to 10 poles (1)

RC65 - RC610 RC810 RC1010
Note : (1) See section : accessories

Characteristics

Wire size	IEC		UL	CSA
	Rigid	DIN		
Compression clamp	0,5-16 mm ²		22-6 AWG	14-6 AWG
Flexible	0,5-10 mm ²		22-6 AWG	14-6 AWG
Lugs	Max. 95 mm ²		00 AWG	00 AWG max.
	Rated 70 mm ²		00 AWG	00 AWG max.

Voltage			
Rated	800 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		

Current			
Rated	Short-circuit	63A	1200A/1s
		200 A	200 A

Wire size			
Rated / Gauge	10 mm ²	6 AWG	6 AWG

Wire strip. length	Recomm. screwdriver	Recomm. torque (screws)	Recomm. torque (lugs)
12 mm	5,5-6 mm	1,2-1,4 Nm	6 Nm
.47"	.22-.24"	10,6-12,3 lb.in	52 lb.in

Type	Part numbers
AL2	DIA. 2 mm 1SNA 163 043 R2100
AL3	DIA. 3 mm 1SNA 163 261 R0000
AL4	DIA. 4 mm 1SNA 163 262 R0100
FC2	DIA. 2 mm 1SNA 007 865 R2600
FC4	DIA. 4 mm 1SNA 167 860 R0100
BJM10	2 to 4 poles (1)
BJMI10	2 to 4 poles (1)

RC65 - RC610 RC810 RC1010

Characteristics

Wire size	IEC		UL	CSA
	Rigid	DIN		
Compression clamp	0,5-16 mm ²		22-6 AWG	14-6 AWG
Flexible	0,5-10 mm ²		22-6 AWG	14-6 AWG
Lugs	Max. 2x95 mm ²		00 AWG	00 AWG max.
	Rated 2x70 mm ²		00 AWG	00 AWG max.

Voltage			
Rated	800 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		

Current			
Rated	Short-circuit	63A	1200A/1s
		200 A	200 A

Wire size			
Rated / Gauge	10 mm ²	6 AWG	6 AWG

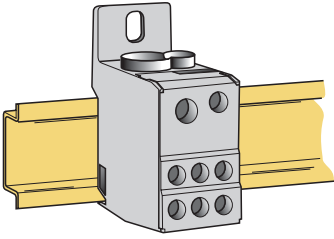
Wire strip. length	Recomm. screwdriver	Recomm. torque (screws)	Recomm. torque (lugs)
12 mm	5,5-6 mm	1,2-1,4 Nm	6 Nm
.47"	.22-.24"	10,6-12,3 lb.in	52 lb.in

Type	Part numbers
AL2	DIA. 2 mm 1SNA 163 043 R2100
AL3	DIA. 3 mm 1SNA 163 261 R0000
AL4	DIA. 4 mm 1SNA 163 262 R0100
FC2	DIA. 2 mm 1SNA 007 865 R2600
FC4	DIA. 4 mm 1SNA 167 860 R0100
BJM10	2 to 4 poles (1)
BJMI10	2 to 4 poles (1)

RC65 - RC610 RC810 RC1010

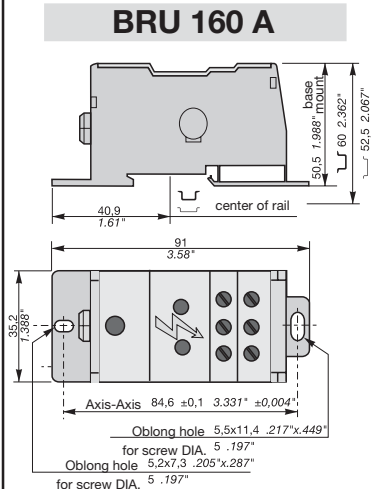
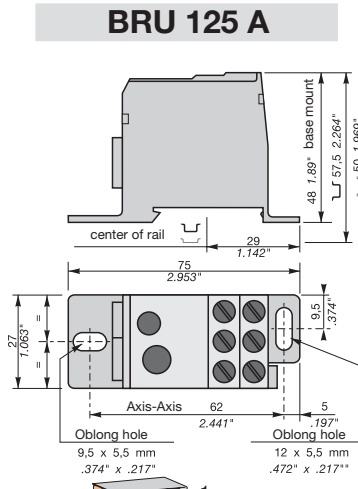
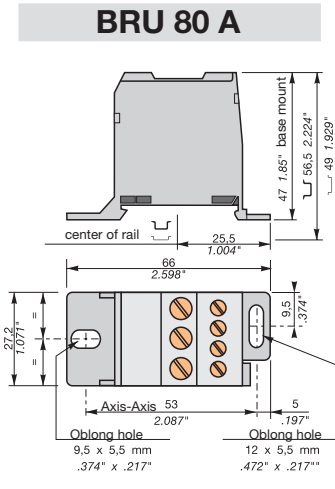
Single pole distribution blocks

DIN 3

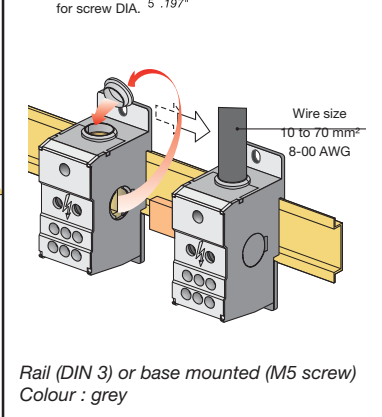
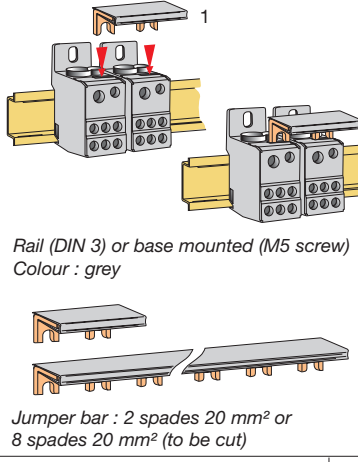


BADL		th. 9 mm	V0	1SNA 399 903	R0200
BAM2		th. 10 mm	V2	1SNA 206 351	R1600
BAM2 V0		th. 10 mm	V0	1SNA 296 351	R0000
BADH		th. 12 mm	V2	1SNA 116 900	R2700
BAMH		th. 9,1 mm	V2	1SNA 114 836	R0000
BAMH V0		th. 9,1 mm	V0	1SNA 194 836	R0100
PR3.Z2		35 x 7,5 x 1		1SNA 174 300	R1700
PR4		35 x 15 x 2,3		1SNA 168 500	R1200
PR5		35 x 15 x 1,5		1SNA 168 700	R2200

Other end stops, rails and accessories : see section on accessories.



Three holes on unit top allow wire entry from top or bottom.
 Rail (DIN 3) or base mount with 2 x M5 screws. Unit may be mounted horizontally or vertically.
 Finger contact protection IP 20.



Type	P/N	Type	P/N	Type	P/N
Grey body		Grey body		Grey body	
BRU 80 A	1SNA 356 208 R2500	BRU 125 A	1SNA 356 204 R1100	BRU 160 A	1SNA 356 200 R2100

Characteristics	IEC		UL/CSA		IEC		UL/CSA		IEC		UL/CSA	
	Rated voltage	690 V	690 V	600 V	600 V	690 V	690 V	600 V	600 V	690 V	690 V	600 V
Rated current	80 A	80 A	80 A	80 A	125 A	125 A	125 A	125 A	160 A	160 A	160 A	160 A
Inputs (maximum wire size)	2,5 - 16 mm ²		14 - 4 AWG		10 - 35 mm ²		8 - 2 AWG		10 - 70 mm ²		8 - 00 AWG	
left input wire size					6 - 16 mm ²		10 - 6 AWG					
right input wire size					3,5 Nm		31 lb.in					
Recommended torque	1.5 Nm		1.5 Nm		Allen key/4 mm		Allen key/4 mm		4 Nm		35 lb.in	
Recommended torque wrench					6 flats/5 mm		6 flats/5 mm		6 flats/5 mm		6 flats/5 mm	
Outputs with ferrules					4 x 2,5 to 16 mm ²		14 AWG to 6 AWG		6 x 2,5 to 16 mm ²		14 AWG to 6 AWG	
without ferrules					6 x 2,5 to 16 mm ²		14 AWG to 6 AWG		6 x 2,5 to 16 mm ²		14 AWG to 6 AWG	
Recommended torque					2 Nm		17.6 lb.in		2 Nm		17.6 lb.in	
wire size with/without ferrule	2 x 16 mm ²		14 AWG to 4 AWG									
Recommended torque	1,5 Nm		1,5 Nm									
wire size with or without ferrule	4 x 2.5 to 6 mm ²		14 AWG to 10 AWG									
Recommended torque	0.8 Nm		0.8 Nm									
Screwdriver					Posidriv Z2 or flat		Posidriv Z2 or flat					
					Weight		Weight		Weight		Weight	
					73 gr		137 gr		234 gr		234 gr	
					0.16 lb		0.3 lb		0.516 lb		0.516 lb	

Accessories	Type	P/N	Type	P/N	Type	P/N
1 Jumper bar	Coupling with wire (6 - 16 mm ²)		PCF.1.2 2 spades	1SNA 356 205 R1200		
			PCF.1.8 8 spades	1SNA 356 206 R1300		
2 Busbar 16 x 5 mm 160 A					BO 16/5 2 poles	1SNA 356 201 R1600
					BO 16/5 3 poles	1SNA 356 202 R1700
					BO 16/5 4 poles	1SNA 356 203 R1000

