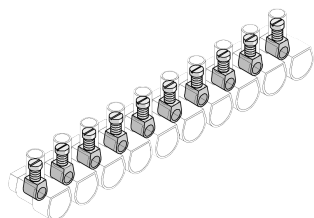


# GROUP 12 ELECTRICAL TERMINALS

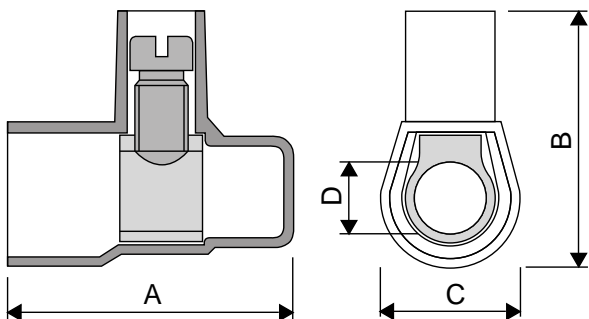


Terminals for unipolar movable connections

Item	Rated section	section in mm <sup>2</sup> Wire	N° of cables		A	B	C	D	Volts	Pcs per box
			Solid.	Flex.						



Insulating body material: transparent polycarbonate. Brass inside.  
 Torquing screws: galvanised steel screws fitted in a brass ring. Heat resistance: +130°C  
 Incandescent wire test: + 960°C  
 In accordance with IEC 23-20 II ED; IEC 23-21 II ED; IEC 998-1; IEC 998-2-1 Standards.



LB25	2,5 mm <sup>2</sup>	2,5	2	2	20	18	10	4	450	25
Terminal strip		1,5	2-3	2-3						
10 poles		1,0	2-4	2-4						

LB40	4 mm <sup>2</sup>	4	2	2	22	19	11	4,5	450	25
Terminal strip			2,5	2-3	2-3					
10 poles		1,5	2-4	2-4						

LB60	6 mm <sup>2</sup>	6	2	2	25	22	12	6	450	25
Terminal strip		4	2-3	2						
10 poles		2,5	2-4	2-3						

LB100	10 mm <sup>2</sup>	10	2	-	29	25	14	7,7	500	10
Terminal strip		6,0	2-3	2						
10 poles		2,5	2-4	2-3						

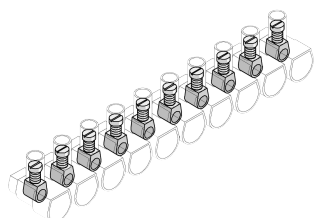
LB160	16 mm <sup>2</sup>	16	2	2	35	31	19	9,5	500	10
Terminal strip		10	2-3	2						
5 poles		6	2-4	2-3						

LB250	25 mm <sup>2</sup>	25	2	2	38	40	22	12	500	5
1 pole		16	2-3	2						
		10	2-4	2-3						

LB350	35 mm <sup>2</sup>	35	2	2	46	43	24	14	500	5
1 pole		25	2-3	2						
		16	2-4	2-3						

Terminals for unipolar movable connections with brass screws

Item	Rated section	section in mm <sup>2</sup> Wire	N° of cables		A	B	C	D	Volts	Pcs per box
			Solid.	Flex.						



Insulating body material: transparent polycarbonate. Brass inside.  
 Torquing screws: galvanised steel screws fitted in a brass ring. Heat resistance: +130°C  
 Incandescent wire test: + 960°C  
 In accordance with IEC 23-20 II ED; IEC 23-21 II ED; IEC 998-1; IEC 998-2-1 Standards.

LB25S	2,5 mm <sup>2</sup>	2,5	2	2	20	18	10	4	450	25
Terminal strip		1,5	2-3	2-3						
10 poles		1,0	2-4	2-4						

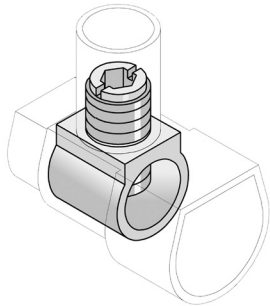
LB40S	4 mm <sup>2</sup>	4	2	2	22	19	11	4,5	450	25
Terminal strip		2,5	2-3	2-3						
10 poli		1,5	2-4	2-4						

LB60S	6 mm <sup>2</sup>	6	2	2	25	22	12	6	450	25
Terminal strip		4	2-3	2						
10 poles		2,05	2-4	2-3						

# GROUP 12 ELECTRICAL TERMINALS



Terminals for unipolar movable connections



Insulating body material:  
transparent polycarbonate.  
Brass inside.  
Torquing screws: brass  
screws fitted in a brass ring.  
Heat resistance: +130°C  
Incandescent wire test: +  
960°C  
In accordance with  
IEC 23-20 II ED; IEC 23-21 II  
ED; IEC 998-1; IEC 998-2-1  
Standards..

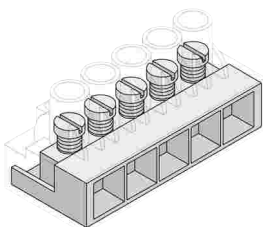
Item	Rated section	Wire section in mm <sup>2</sup>	N° of cables		A	B	C	D	Volts	Pcs per box
			Solid	Flex						
LB25-1	2,5 mm <sup>2</sup>	2,5	2	2	20	18	10	4	450	1000
1 poles		1,5	2-3	2-3						
		1,0	2-4	2-4						
LB40-1	4 mm <sup>2</sup>	4	2	2	22	19	11	4,5	450	800
1 poles		2,5	2-3	2-3						
		1,5	2-4	2-4						
LB60-1	6 mm <sup>2</sup>	6	2	2	25	22	12	6	450	500
1 poles		4	2-3	2						
		2,5	2-4	2-3						
LB100-1	10 mm <sup>2</sup>	10	2	-	29	25	14	7,7	500	300
1 poles		6	2-3	2						
		4	2-4	2-3						

# GROUP 12 ELECTRICAL TERMINALS



Terminals for unipolar movable connections

Item	Rated section	Wire section mm <sup>2</sup>	N° of cables Solid	Flex.	A	B	C	D	Volts	Pcs per box
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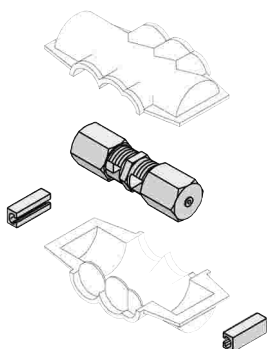
Insulating body material: transparent polycarbonate. Brass inside.  
 Torquing screws: galvanised steel screws fitted in a brass ring. Heat resistance: +130°C  
 Incandescent wire test: +960°C  
 In accordance with IEC 23-20 II ED; IEC 23-21 II ED; IEC 998-1; IEC 998-2-1 Standards.

LB42	2x6 mm <sup>2</sup>	6	2	-	18	17	15	4	450	20
Unipolar		4	2	2						
		2,5	4	24						
LB62	2x16 mm <sup>2</sup>	16	2	2	23	22	20	6	500	20
Unipolar		10	2	2						
		6	2	2						
LB102	2x25 mm <sup>2</sup>	25	2	-	29	27	27	7,5	500	10
Unipolar		16	2	2						
		10	2	2						
LB162	10 mm <sup>2</sup>	35	2	-	32	31	32	9,5	500	5
Unipolar		25	2	2						
		16	2	2						
LB63	3x6 mm <sup>2</sup>	16	3	-	23	23	27	4,5	500	10
Unipolar		4	3	3						
		2,5	6	6						
LB163	3x16 mm <sup>2</sup>	16	3	-	25	27	35	6	500	5
Unipolar		10	3	3						
		6	6	6						
LB253	3x25 mm <sup>2</sup>	25	3	3	29	27	41	7,5	500	5
Unipolar		16	3	3						
		10	6	6						
LB65	5x6 mm <sup>2</sup>	6	5	-	23	23	42	4,5	500	10
Unipolar		4	5	5						
		2,5	10	10						
LB165	5x16 mm <sup>2</sup>	16	5	-	25	27	50	6	500	5
Unipolar		10	5	5						
		6	10	10						
L255	5x25 mm <sup>2</sup>	25	5	-	29	27	66	7,5	500	5
Unipolar		16	5	5						
		10	10	10						

# GROUP 12 ELECTRICAL TERMINALS



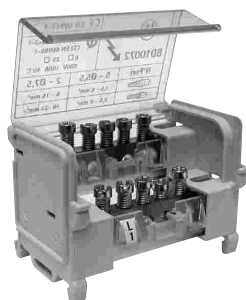
## Ironclad shunting terminals for cableways



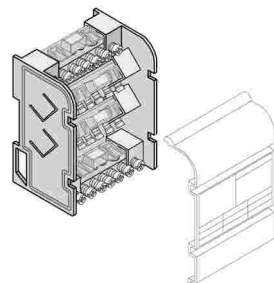
Insulating body material:  
transparent polycarbonate.  
Brass inside.  
Torquing: indirect with brass  
nuts. Heat resistance: +130°C  
Incandescent wire test: +  
960°C  
In accordance with  
IEC 23-20 II ED; IEC 23-21 II  
ED; IEC 998-1; IEC 998-2-1  
IEC EN 60947-1 Standards.

Item	Rated section	Wire section in mm <sup>2</sup>	N° of cables Solid Flex.		Hole diam. ø	Buttonhole	Holes usc.	Volts	Pcs per box
LBK616	2x16mm <sup>2</sup>	16-16	1-1	1-1	9	2 as.	6	500	2
Unipolar		16-10	1-1	1-1		9x16			
		16-6	1-2	1-2					
		16-4	1-4	1-4					
LBK635	2x35mm <sup>2</sup>	35-35	1-1	1-1	13	2 as.	6	500	2
Unipolar		35-25	1-1	1-1		13x20			
		35-16	1-2	1-2					
		35-10	1-3	1-3					
LBK650	2x50mm <sup>2</sup>	50-50	1-1	1-1	15	2 as.	6	500	1
Unipolar		50-35	1-1	1-1		15x25			
		50-25	1-2	1-2					
		50-16	1-3	1-3					
LBK670	2x70mm <sup>2</sup>	70-70	1-1	1-1	17	2 as.	6	500	1
Unipolar		70-50	1-1	1-1		17x30			
		70-35	1-2	1-2					
		70-16	1-4	1-4					

## Protected terminal boards with two or several poles



Side for DIN guides material:  
polyamide. Insulating body  
material: transparent  
polycarbonate. Brass inside.  
Torquing screws: galvanised  
steel.  
Incandescent wire test:  
+ 960°C  
IEC EN 60947-1 Standard



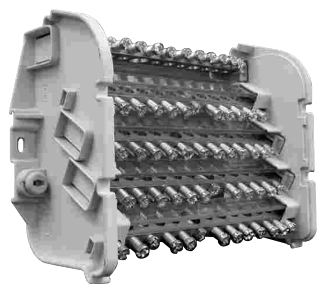
Item	ICC (ka)	N. of modules of 17,5 mm	Conn. and n° of holes/ bars in mm	Wires with cable terminals in mm <sup>2</sup>	Holes/bar	Weight/each	Pcs per box
Bipolar of 100 A							
MPB1	20	4	5 x ø 5,5	1,5-6	7	g 125	4
			2 x ø 7,5	6-16			
Bipolar of 125 A							
MPB2	22	8	11 x ø 5,5	1,5-6	15	g 200	2
			2 x ø 7,5	6-16			
			2 x ø 9	10-16			
Tetrapolar of 100 A							
MPT1	20	5	5 x ø 5,5	1,5-6	7	g 200	2
			2 x ø 7,5	6-16			
Tetrapolar of 125 A							
MPT2	22	8	11 x ø 5,5	1,5-6	15	g 400	1
			2 x ø 7,5	6-16			
			2 x ø 9	10-16			

# GROUP 12 ELECTRICAL TERMINALS

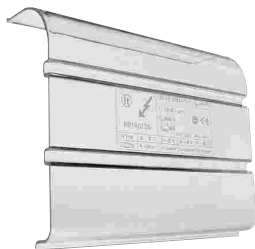


## Protected distribution terminal boards

Item	IPK (ka)	N. of bars	N. of holes/bar	Conn. and N. of holes/ bars in mm	N. of modules used	Weight/each	Pcs per box
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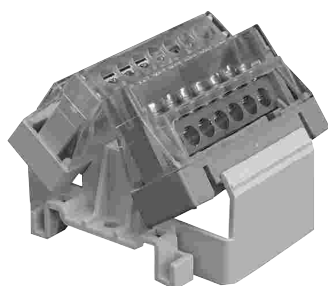
Side for DIN guides material: polyamide. Insulating body material: transparent polycarbonate. Brass inside. Torquing screws: galvanised steel. Incandescent wire test: + 960°C. In accordance with IEC EN 60947-1 Standard.



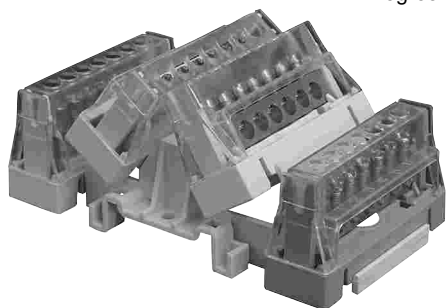
Tetrapolar of 160 A							
MPT3	24	4	8	5 x Ø 7	8	g 590	1
				1 x Ø 8			
				1 x Ø 9			
				1 x Ø 12			
MPT4	24	4	13	8 x Ø 7	11	g 1000	1
				2 x Ø 8			
				2 x Ø 9			
				1 x Ø 12			
Pentapolar of 160 A							
MPT5	24	5	8	5 x Ø 7	8	g 670	1
				1 x Ø 8			
				1 x Ø 9			
				1 x Ø 12			
MPT6	24	5	13	8 x Ø 7	11	g 1170	1
				2 x Ø 8			
				2 x Ø 9			
				1 x Ø 12			

## Protected unipolar terminal boards

Item	Colour	Poles	N. of holes	Hole diam. in mm	Dimensions mm A B C	module used areas	Weight/each g	Pcs per box
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Protected unipolar terminal boards, appropriate for the distribution in cabinet boards with fixing on guide DIN. Material of the support: polyamide. Insulating body material: transparent polycarbonate. Brass inside with tropicalized galvanised steel screws. Maximum operating temperature: + 85°C. In accordance with EN 60947-7-2: 1996. Available with 7, 11, 15 holes, colour: grey, blue and green. Degree of protection: IP00



L507F	Grey	1	7	5 x Ø 5,3 2 x Ø 6,0	59 34 19	2	30	20
L5011F	Grey	1	11	9 x Ø 5,3 2 x Ø 6,0	88 34 19	2	50	12
L5015F	Grey	1	15	13 x Ø 5,3 2 x Ø 6,0	114 34 19	2	68	10
L507N	Blue	1	7	5 x Ø 5,3 2 x Ø 6,0	59 34 19	2	30	20
L5011N	Blue	1	11	9 x Ø 5,3 2 x Ø 6,0	88 34 19	2	50	12
L5015N	Blue	1	15	13 x Ø 5,3 2 x Ø 6,0	114 34 19	2	68	10
LT167	Green	1	7	5 x Ø 5,3 2 x Ø 6,0	59 34 19	2	30	20
LT1611	Green	1	11	9 x Ø 5,3 2 x Ø 6,0	88 34 19	2	50	12
LT1615	Green	1	15	13 x Ø 5,3 2 x Ø 6,0	114 34 19	2	68	10



# GROUP 12 ELECTRICAL TERMINALS

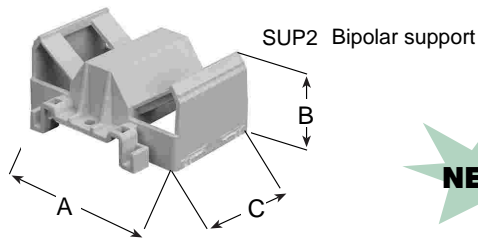


Support for protected distribution unipolar terminal boards

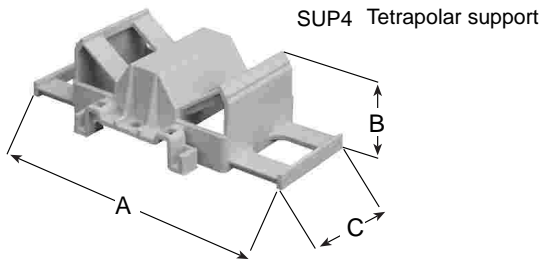
Item

Dimension  
A / mm    B / mm    C / mm

Pcs per box

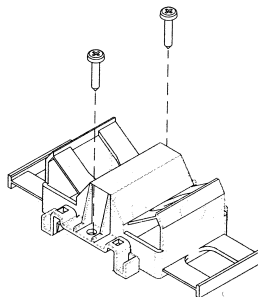


SUP2	68	30	60	6

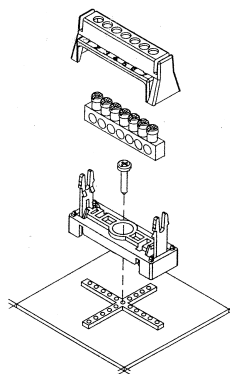


SUP4	110	30	60	6

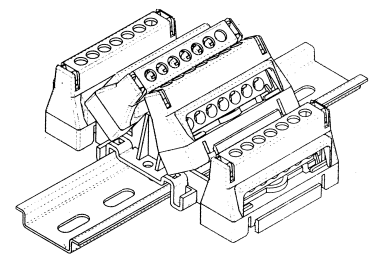
## Examples of application



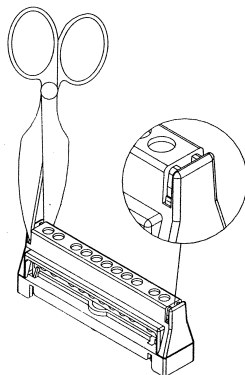
Fixing plate system by means of corresponding housings on base



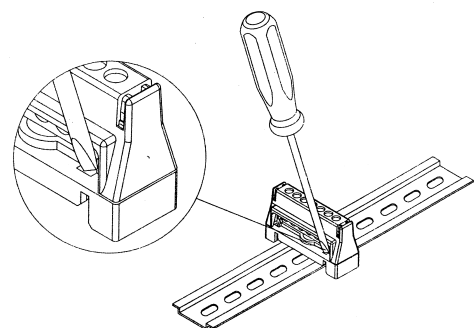
Fixing plate system by means of corresponding housing on base



Snap fit fixing plate system on guide DIN EN 50022



To disassemble the terminal boards, use normal scissors, introduce the point in the corresponding housing (see detail A1) and press hard.

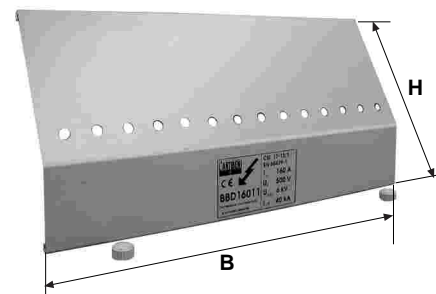
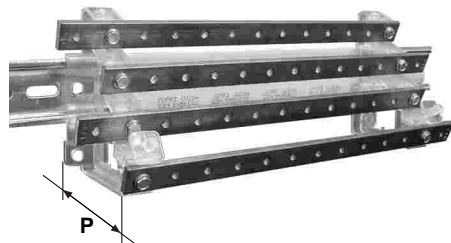


Unhook from the guide DIN 50022.

# GROUP 12 ELECTRICAL TERMINALS



Tetrapolar distribution frame with threaded and drilled copper bars, provided with protective cover. Fixed on bars DIN EN 50022 by means of eccentric pins and provided with insulating cover to apply on DIN bar. Fixed on plate by means of screws. Wiring with flexible bars or with wires with slotted cable terminal only lateral wiring for feeding)  
In accordance with IEC EN 60439-1 Standards.



TETRAPOLAR DISTRIBUTION FRAME OF 125 A- 500V FIXING ON DIN GUIDE OR PLATE CEI 17 - 13/1 EN 60439 - 1.														
Item	Supports n°	I p k ka	I cc ka	U imp kv	*Dissipated power W	Threaded holes	Screws	Copper bars	Cable terminal	Flexible metal strap	Dim. in mm B x P x H	Packaging	Gross weight	
R T 1256	2	48	23	6	0,94	6 M5	20 M5	12 x 4	X	Lateral feeding	X	183 x 135 x 74	2 - 8	3,1
R T 12511	2	30	15	6	1,73	11 M5	40 M5	12 x 4	X		X	280 x 135 x 74	2 - 8	4,7
R T 12517	3	40	20	6	2,83	17 M5	60 M5	12 x 4	X		X	410 x 135 x 74 For cabinet boards 600	1 - 4	3,5
R T 12527	4	30	15	6	4,56	27 M5	80 M5	12 x 4	X		X	620 x 135 x 74 For cabinet boards 800	1 - 4	5,2
TETRAPOLAR DISTRIBUTION FRAME OF 160 A- 500V FIXING ON DIN GUIDE OR PLATE CEI 17 - 13/1 EN 60439 - 1.														
R T 1606	2	48	23	6	0,96	6 M5	20 M5	15 x 4	X	Lateral feeding	X	183 x 135 x 74	2 - 8	3,6
R T 16011	2	30	15	6	1,77	11 M5	40 M5	15 x 4	X		X	280 x 135 x 74	2 - 8	5,5
R T 16017	3	40	20	6	2,89	17 M5	60 M5	15 x 4	X		X	410 x 135 x 74 For cabinet boards 600	1 - 4	4,1
R T 16027	4	30	15	6	4,65	27 M5	80 M5	15 x 4	X		X	620 x 135 x 74 For cabinet boards 800	1 - 4	6,2
TETRAPOLAR DISTRIBUTION FRAME OF 250 A- 500V FIXING ON DIN GUIDE OR PLATE. CEI 17 - 13/1 EN 60439 - 1.														
R T 2506	2	48	23	8	2,64	5 M6 1 M8	20 M6 4 M8	16 x 6		Lateral feeding	X	183 x 135 x 74	2 - 8	5,1
R T 25011	2	30	15	8	4,83	10 M6 1 M8	40 M6 4 M8	16 X 6			X	280 x 135 x 74	2 - 8	7,9
R T 25017	3	40	20	8	7,91	16 M6 1 M8	60 M6 4 M8	16 X 6			X	410 x 135 x 74 For cabinet boards 600	1 - 4	6,0
R T 25027	4	30	15	8	12,74	26 M6 1 M8	80 M6 4 M8	16 X 6			X	620 x 135 x 74 For cabinet boards 800	1 - 4	7,0
TETRAPOLAR DISTRIBUTION FRAME OF 250 A- 500V FIXING ON PLATE CEI 17 - 13/1 EN 60439 - 1.														
R T 2506	2	48	23	8	1,50	5 M6 1 M8	20 M6 4 M8	20 x 5	X	Lateral feeding	X	202 x 175 x 110	2 - 8	5,8
R T 25011	2	30	15	8	2,74	10 M6 1 M8	40 M6 4 M8	20 x 5	X		X	299 x 175 x 110	2 - 8	8,8
R T 25017	3	40	20	8	4,49	16 M6 1 M8	60 M6 4 M8	20 x 5	X		X	410 x 175 x 110 For cabinet boards 600	1 - 4	6,2
R T 25027	4	40	20	8	7,23	26 M6 1 M8	80 M6 4 M8	20 x 5	X		X	620 x 175 x 110 For cabinet boards 800	1 - 4	9,6
TETRAPOLAR DISTRIBUTION FRAME OF 400 A- 500V FIXING ON PLATE. CEI 17 - 13/1 EN 60439 - 1.														
RTP 4006	2	48	23	8	2,83	5 M6 1 M8	20 M6 4 M8	25 x 6	x	Lateral feeding	x	202 x 175 x 110	2 - 8	7,9
RTP 40011	2	30	15	8	5,18	10 M6 1 M8	40 M6 4 M8	25 x 6	X		X	299 x 175 x 110	2 - 8	12,2
RTP 40017	3	40	20	8	8,48	16 M6 1 M8	60 M6 4 M8	25 x 6	X		X	410 x 175 x 110 For cabinet boards 600	1 - 4	8,7
RTP 40027	4	40	20	8	13,66	26 M6 1 M8	80 M6 4 M8	25 x 6	X		X	620 x 175 x 110 For cabinet boards 800	1 - 4	13,4

\* Dissipated power from each bar at room temperature, if crossed by rated current in all its length.