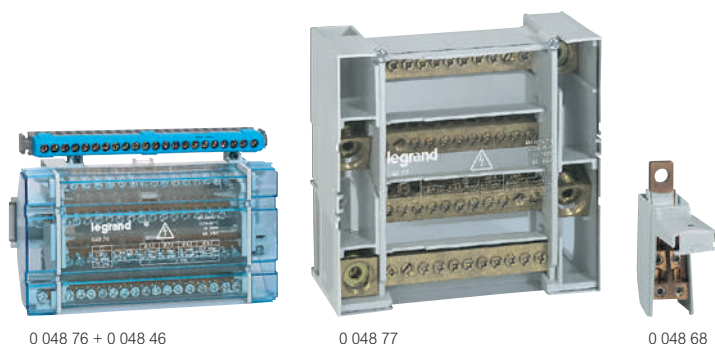


## Modular distribution blocks 40 to 250 A

## Modular distribution blocks 40 to 250 A



### Dimensions see e-catalogue

Standard distribution  
 Connection with or without Starfix ferrules (p. 340)  
 Self-extinguishing, according to EN 60695-2-11: 960 °C on active part supports

Pack	Cat. Nos	Monobloc modular distribution blocks			
		Mounting on rail  or on plate with 2 screws Supplied with insulated back plate and transparent protective front cover Each bar can be labelled using CAB 3 Possible to add IP 2X terminal block (except Cat.No 0 048 77)			
		<b>Double pole</b> Equipped with 2 bars			
		Rating (A)	Isc peak (kA)	Icw (kA)	Number of modules
5	0 048 81	40	20	3	6
10	0 048 80	100	20	4.5	4
5	0 048 82	125	18	4.5	8
		<b>Four pole</b> Equipped with 4 bars			
5	0 048 85	40	20	3	6
10	0 048 84	100	20	4.5	4
5	0 048 86	125	20	4.5	6
5	0 048 88 <sup>1</sup>	125	14.5	4.2	8
1	0 048 76 <sup>2</sup>	125	20	4.5	10
1	0 048 79 <sup>1</sup>	160	27	8.4	10
1	0 048 77	250	42	14.4	9

Pack	Cat. Nos	Modular distribution blocks			
		Mounting on rail Fitted with Lexic label holder Can be joined together Possibility of forming a four pole distribution block by adding modules			
		<b>Single pole</b>			
		Rating (A)	Isc peak (kA)	Number of modules	
4	0 048 71	125	35	2	
4	0 048 83	160	27	2	
4	0 048 73	250	60	2	

Pack	Cat. Nos	Distribution terminals	
1	0 048 67	160 A - 6 outputs 25 mm <sup>2</sup> flexible - Isc peak 30 kA Can be fitted directly onto downstream terminal of Vistop 100/160 A	
1	0 048 68	250 A - 4 outputs 35 mm <sup>2</sup> flexible and 2 outputs 25 mm <sup>2</sup> flexible - Isc peak 36 kA Can be fitted directly onto downstream terminal of DPX-IS 250	

1: With short ferrule supplied for flexible connection 25 mm<sup>2</sup>  
 2: Incoming conductors must be equipped with ferrules (p. 340)  
 Connection: 25 mm<sup>2</sup> with ferrules without insulating flange

Optimised and increased safety distribution systems, see **Product Guide**



### Standards

Conform to EN 60947-1  
 Insulating voltage according to EN 60947-1/IEC 60664-1: 500 V  
 Impulse voltage (Uimp): 8 kV - Degree of pollution: 3

### Section for connecting rigid or flexible conductors (with Starfix ferrules)

Distribution Blocks Cat.Nos	Connections per bar		Rigid conductors Section (mm <sup>2</sup> )	Flexible conductors with ferrules	
	Number	Ø (mm)		Section (mm <sup>2</sup> )	Starfix ferrules Cat.Nos
0 048 67	6	8.5		6 to 25	0 376 68 to 71
0 048 68	4	10		6 to 35	0 376 68 to 77
	2	8.9		6 to 25	0 376 68 to 71
0 048 71	12	5.3	1.5 to 10	1.5 to 10	0 376 64 to 69
	4	10	16 to 50	16 to 35	0 376 70 to 72
0 048 73	4	6	2.5 to 16	2.5 to 10	0 376 66 to 69
	6	8.5	10 to 35	10 to 25	0 376 69 to 72
	1	-	70 to 150	70 to 120	-
0 048 80	5	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
	2	7.5	10 to 25	6 to 16	0 376 68 to 70/72
0 048 81	11	4.3	1.5 to 4	0.75 to 4	0 376 62 to 67
	2	6	6 to 16	4 to 10	0 376 67/68/69
0 048 82	11	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
	2	7.5	10 to 25	6 to 16	0 376 68 to 70/72
	2	9	10 to 35	10 to 25	0 376 69/72/71
0 048 83	7	5.3	2.5 to 10	1.5 to 6	0 376 64 to 69
	2	7.5	6 to 25	6 to 16	0 376 68/69/72
	3	8.9	10 to 35	10 to 25	0 376 69/72
	1	-	35 to 70	25 to 50	0 376 71 to 77/78
0 048 84	5	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
	2	7.5	10 to 25	6 to 16	0 376 68 to 70/72
0 048 85	11	4.3	1.5 to 4	0.75 to 4	0 376 62 to 67
	2	6	6 to 16	4 to 10	0 376 67/68/69
0 048 86	7	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
	2	7.5	10 to 25	6 to 16	0 376 68 to 70/72
	2	9	10 to 35	10 to 25	0 376 69/72
0 048 88	11	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
	4	8.5	10 to 35	6 to 25	0 376 68 to 71
0 048 79	1	-	35 to 70	35 to 70	0 376 77/78
	8	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
	4	7.5	10 to 25	6 to 16	0 376 68 to 70/72
	2	8.5	10 to 35	10 to 25	0 376 69/72
0 048 76	14	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
	1	7.5	10 to 25	6 to 16	0 376 68 to 70/72
	1	8.5	10 to 35	6 to 25	0 376 68 to 70/72
	1	-	-	16 to 35	0 376 70 to 77
0 048 77	6	6	2.5 to 16	2.5 to 10	0 376 66 to 69
	2	7.5	10 to 25	6 to 16	0 376 68 to 70/72
	2	8.5	10 to 35	10 to 25	0 376 69 to 72
	1	10	16 to 50	16 to 35	0 376 70 to 72/77
	1	-	50 to 120	50 to 120	0 376 78

### Characteristics of distribution blocks for use in photovoltaic installations

No of 18 mm modules	Cat.No	Max. cross-section for "solar cable"	Max. I <sub>c</sub> (A) current T = (+40°C/+60°C) IEC 60364-1	U <sub>i</sub> (V) Degree of pollution 2 IEC 60664-1	Impulse voltage U <sub>imp</sub> IEC 60664-1
<b>Single pole distribution block</b>					
2	0 048 71	4 x 16 to 25 mm <sup>2</sup> 12 x 1.5 to 6 mm <sup>2</sup> or 6 x 10 mm <sup>2</sup>	125/100	1000 V <sup>(1)</sup>	8 kV <sup>(2)</sup>
<b>Double pole distribution blocks</b>					
4	0 048 80	5 x 1.5 to 6 mm <sup>2</sup> 2 x 6 to 16 mm <sup>2</sup>	100/80	800 V <sup>(1)</sup>	8 kV <sup>(2)</sup>
8	0 048 82	11 x 1.5 to 6 mm <sup>2</sup> 2 x 6 to 16 mm <sup>2</sup> 2 x 10 to 25 mm <sup>2</sup>	125/100	800 V <sup>(1)</sup>	8 kV <sup>(2)</sup>

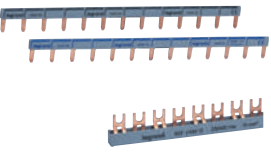
1: Supplementary insulation provided for the support rail in the context of application of UTE C 15712 double insulation  
 2: Impulse voltage tested at 12 kV in the context of application of UTE C 15712 double insulation

For detailed dimensions, see **e-catalogue**




## Supply busbars and distribution blocks

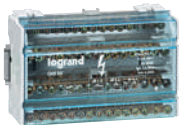
### SUPPLY BUSBARS FROM 63 TO 90 A

• I <sub>sc</sub> peak 17 kA 	Length	Universal 1-pole + neutral or 1-pole	Single pole for auxiliary	2-pole	2-pole balanced on 3-phase	3-pole	3-pole for 1.5 module/pole MCBs	3-pole for auxiliary	4-pole
	Prong-type								
	1 row	4 049 26/28	-	4 049 38	4 049 40/66	4 049 42	-	-	4 049 44
	meter	4 049 37	4 049 33	4 049 39	4 049 41	4 049 43	-	4 049 34	4 049 45
	Fork-type								
	1 row	4 049 11	-	4 049 13	4 049 15/67	4 049 17	4 049 87	-	4 049 19
	meter	4 049 12	4 049 09	4 049 14	4 049 16	4 049 18	-	4 049 10	4 049 20

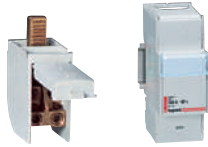
### DISTRIBUTION TERMINAL BLOCKS FROM 63 TO 100 A

• I <sub>sc</sub> peak 10 kA 	Number of outputs	Bar terminal blocks		Insulated terminal blocks IP 2X (XXB)		
		with screws	on support	black	blue	green
	4	0 048 01	0 048 20	0 048 50	0 048 40	0 048 30
	6			0 048 16	0 048 15	
	8	0 048 03	0 048 22	0 048 52	0 048 42	0 048 32
	12		0 048 24	0 048 54	0 048 44	0 048 34
	14	0 048 05				
	16		0 048 25		0 048 45	0 048 35
	19	0 048 06				
	21		0 048 26		0 048 46	0 048 36
	24	0 048 07				
	33		0 048 28		0 048 48	0 048 38


### MODULAR DISTRIBUTION BLOCKS FROM 40 TO 250 A

• I <sub>sc</sub> peak 14.5 to 42 kA 	Admissible maximum rating (A)	2-pole			4-pole			Terminal blocks IP 2X		
		Number and section of flexible conductors (mm <sup>2</sup> )			Number and section of flexible conductors (mm <sup>2</sup> )			Additional outputs		
		Cat.Nos	Inputs	Outputs	Cat.Nos	Inputs	Outputs	Earth	Neutral	(mm <sup>2</sup> )
	40	0 048 81	2 x 10	11 x 4	0 048 85	2 x 10	11 x 4	0 048 34	0 048 44	12 x 6
	100	0 048 80	2 x 16	5 x 10	0 048 84	2 x 16	5 x 10	0 048 32	0 048 42	8 x 6
	125	0 048 82	2 x 25	2 x 16 + 11 x 10	0 048 88	2 x 25	2 x 25 + 11 x 10	0 048 35	0 048 45	16 x 6
					0 048 86	2 x 25	2 x 16 + 7 x 10	0 048 34	0 048 44	12 x 6
					0 048 76	1 x 35	1 x 25 + 1 x 16 + 14 x 10	0 048 36	0 048 46	21 x 6
	160				0 048 79	1 x 70	2 x 25 + 4 x 16 + 8 x 10	0 048 35	0 048 45	16 x 6
	250				0 048 77	1 x 120	1 x 35 + 2 x 25 + 2 x 16 + 6 x 10			

### SINGLE POLE MODULAR DISTRIBUTION BLOCKS AND DISTRIBUTION TERMINALS FROM 125 TO 250 A

• I <sub>sc</sub> peak 27 to 60 kA 	Admissible maximum rating (A)	Cat.Nos	Number and section of conductors per pole (mm <sup>2</sup> )	
			Inputs	Outputs
	125	0 048 71	4 x 35	12 x 10
	160	0 048 83	1 x 50 (flexible bar 13 mm max.)	3 x 25 + 2 x 16 + 7 x 10
		0 048 67 (distribution terminal)	Direct into the downstream terminal	6 x 25
	250	0 048 73	1 x 120 (flexible bar 16 mm max.)	6 x 25 + 4 x 10
		0 048 68 (distribution terminal)	Direct into the downstream terminal	4 x 35 + 2 x 25

### POWER DISTRIBUTION BLOCKS FROM 125 TO 400 A

• I <sub>sc</sub> peak 20 to 75 kA 	Admissible maximum rating (A)	Extra-flat		Stepped			
		Number and section of conductors per pole (mm <sup>2</sup> )		Number and section of conductors per pole (mm <sup>2</sup> )			
		Cat.Nos	Inputs	Outputs	Cat.Nos	Inputs	Outputs
	125	0 374 47	1 x 35	10 x 16 (Ph) 17 x 16 (N)	0 373 95	4 bars 12 x 4 mm receiving 5 connectors 2 x 10 each	
0 374 30					1 x 35	5 x 25	
	160				0 374 31	1 x 70	5 x 35
	250	0 374 00	1 x 150	1 x 70 or 1 x 50 + 1 x 35 or 2 x 35	0 374 35	1 x 120	5 x 50
	400				0 373 08	2 x Ø8.5 mm	21 holes M6 70 mm <sup>2</sup> max. connectors
					0 374 42	2 x 185	15 holes M6 15 holes M8

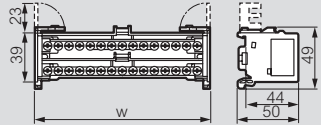
# Modular distribution blocks

40 to 250 A

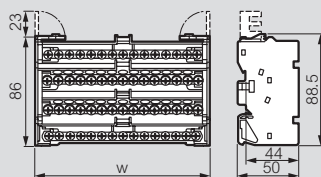
Conform to EN 60947-1  
 Insulating voltage according to EN 60947-1 / IEC 60664-1: 500 V  
 Impulse voltage (Uimp): 8 kV - Degree of pollution: 3  
 Use in DC: without derating  
 Self-extinguishing 960 °C on active parts supports

## Monobloc modular distribution blocks

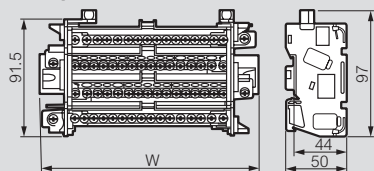
**Double pole 40 - 100 - 125 A, Cat.Nos 0 048 81/80/82**



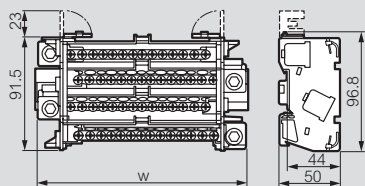
**Four pole 40 - 100 - 125 A, Cat.Nos 0 048 85/84/86/88**



**Four pole 125 A Cat.No 0 048 76**

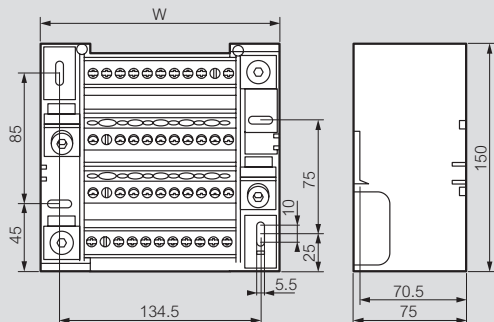


**Four pole 160 A, Cat.No 0 048 79**



**Four pole 250 A, Cat.No 0 048 77**

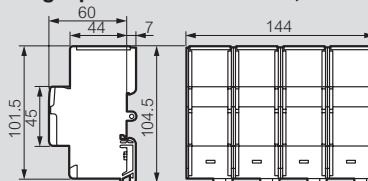
Self-extinguishing 960 °C according to EN 60695-2-11



Cat.Nos	Width (mm)
0 048 80	70
0 048 81	105
0 048 82	140
0 048 84	70
0 048 85	105
0 048 86	105
0 048 88	140
0 048 76	179
0 048 77	160
0 048 79	179

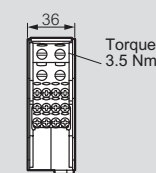
## Modular distribution blocks

**Single pole 125 - 160 - 250 A, Cat.Nos 0 048 71/83/73**



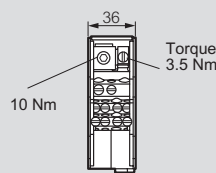
### Connection

**125 A**



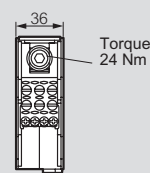
Cat.No 048 71

**160 A**



Cat.No 048 83

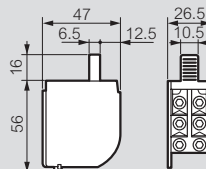
**250 A**



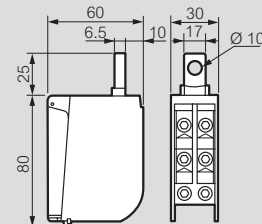
Cat.No 048 73

## Distribution terminals, Cat.Nos 0 048 67/68

**160 A**

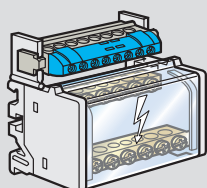


**250 A**



## Use of IP 2X terminal blocks

Modular distribution blocks	IP 2X Terminal blocks	Derating	
		Voltage	Rating
0 048 80	0 048 32 <sup>(1)</sup> /42 <sup>(2)</sup>	400 V	80 A
0 048 81	0 048 34 <sup>(1)</sup> /44 <sup>(2)</sup>	400 V	40 A
0 048 82	0 048 35 <sup>(1)</sup> /45 <sup>(2)</sup>	400 V	100 A
0 048 84	0 048 32 <sup>(1)</sup> /42 <sup>(2)</sup>	400 V	80 A
0 048 85	0 048 34 <sup>(1)</sup> /44 <sup>(2)</sup>	400 V	40 A
0 048 86	0 048 34 <sup>(1)</sup> /44 <sup>(2)</sup>	400 V	100 A
0 048 88	0 048 35 <sup>(1)</sup> /45 <sup>(2)</sup>	400 V	100 A
0 048 76	0 048 36 <sup>(1)</sup> /46 <sup>(2)</sup>	400 V	100 A
0 048 79	0 048 35 <sup>(1)</sup> /45 <sup>(2)</sup>	400 V	100 A



0 048 80 + 0 048 32

1: +  
 2: Neutral