

## distribution terminal blocks



Conform to standard IEC 60998-2-1  
 Supplied ready for use (screws captive and backed-off)  
 100 A max. - 400 V~ with 25 mm<sup>2</sup> incoming  
 80 A max. - 400 V~ with 16 mm<sup>2</sup> incoming  
 Ipk (kA) 60 : Icw (kA) 3-5

Pack	Cat. Nos.	Unshrouded terminal blocks		
		Fix using M4 dia. screw		
		Incoming capacity	Outgoing capacity	Terminal length (mm)
10	0048 01	1 x 6 to 25 mm <sup>2</sup>	4 x 1.5 to 16 mm <sup>2</sup>	45
10	0048 03	1 x 6 to 25 mm <sup>2</sup>	8 x 1.5 to 16 mm <sup>2</sup>	73
10	0048 05	1 x 6 to 25 mm <sup>2</sup>	14 x 1.5 to 16 mm <sup>2</sup>	122
10	0048 06	1 x 6 to 25 mm <sup>2</sup>	19 x 1.5 to 16 mm <sup>2</sup>	157
10	0048 07	1 x 6 to 25 mm <sup>2</sup>	24 x 1.5 to 16 mm <sup>2</sup>	192

		Fully shrouded terminal blocks		
		<b>Terminal blocks on support</b>		
		Mounting on  or  rail with universal terminal rail support Cat. No. 0048 11 or on 12 x 2 mm rail		
		Supplied with Duplix markers <sup>1</sup>		
		Incoming capacity	Outgoing capacity	Terminal length (mm)
10	0048 20 <sup>1</sup>	-	4 x 1.5 to 16 mm <sup>2</sup>	47
10	0048 22 <sup>1</sup>	-	8 x 1.5 to 16 mm <sup>2</sup>	75
10	0048 24 <sup>1</sup>	1 x 6 to 25 mm <sup>2</sup>	12 x 1.5 to 16 mm <sup>2</sup>	113
10	0048 25 <sup>1</sup>	1 x 6 to 25 mm <sup>2</sup>	16 x 1.5 to 16 mm <sup>2</sup>	141

		IP 2X terminal blocks on support		
		For fixing to 12 x 2 mm rail		
		Incoming capacity	Outgoing capacity	Terminal length (mm)
10	Phase (black) 0048 50	-	4 x 1.5 to 16 mm <sup>2</sup>	47
10	0048 52	-	8 x 1.5 to 16 mm <sup>2</sup>	75
10	0048 54	1 x 6 to 25 mm <sup>2</sup>	12 x 1.5 to 16 mm <sup>2</sup>	113
10	0048 55	1 x 6 to 25 mm <sup>2</sup>	16 x 1.5 to 16 mm <sup>2</sup>	141
10	0048 56	1 x 6 to 25 mm <sup>2</sup>	21 x 1.5 to 16 mm <sup>2</sup>	176
10	0048 58	2 x 6 to 25 mm <sup>2</sup>	33 x 1.5 to 16 mm <sup>2</sup>	276
		Earth (green)		
10	0048 30	-	4 x 1.5 to 16 mm <sup>2</sup>	47
10	0048 32	-	8 x 1.5 to 16 mm <sup>2</sup>	75
10	0048 34	1 x 6 to 25 mm <sup>2</sup>	12 x 1.5 to 16 mm <sup>2</sup>	113
10	0048 35	1 x 6 to 25 mm <sup>2</sup>	16 x 1.5 to 16 mm <sup>2</sup>	141
10	0048 36	1 x 6 to 25 mm <sup>2</sup>	21 x 1.5 to 16 mm <sup>2</sup>	176
10	0048 38	2 x 6 to 25 mm <sup>2</sup>	33 x 1.5 to 16 mm <sup>2</sup>	276

		Supports for terminal blocks	
1	0048 10	<b>Terminal side support</b>	Consists of two side supports for positioning of up to 4 x IP 2X terminal blocks with the same dimensions to create a 2, 3 or 4 pole distribution block
5	0048 11	<b>Terminal rail support</b>	Adaptor support for  or  rail. Provides a firm fixing allowing IP 2X terminal blocks to be side or top mounted on to adaptor
5	0048 17	<b>35 hole empty support</b>	For screw terminal blocks Length : 276 mm
10	0048 19	<b>Rail</b>	1 metre length of 12 x 2 mm terminal mounting rail - accepts partly and fully shrouded terminals

**■ Connection protection**

Fixes into side supports to construct a distribution block

IP 2X terminals are the ideal companion for Plexo boxes, see p. 36-40

**■ Use of terminal supports Cat. No. 0048 10**

Terminal supports Cat. No. 0048 10 fitted with fully shrouded terminals providing custom made distribution

Adaptor support Cat. No. 0048 11 showing method of fixing terminals

---

**+++ Plexo weatherproof boxes p. 36-40**

<sup>1</sup> : Each terminal supplied with :  
 - 2 green Duplix markers (+) - 2 blue Duplix markers (N) - 2 red Duplix markers (L)

# distribution blocks 40 to 160 A

modular style - rail or screw fixing



0048 88 + 0048 45 (p. 42)



0048 79

Conform to standard EN 60947-1  
 Insulation voltage according to EN 60947-1/IEC 60664-1 : 500 V  
 Impulse (surge) voltage (Uimp) : 8 kV  
 Degree of pollution : 3 (conductive dust)  
 Self-extinguishing 960 °C for active part supports  
 Connection with or without Starfix ferrules

Pack	Cat. Nos.	Modular style blocks		Capacity		Ipk peak withstand current (kA)	Icw (kA)	Number of modules
				rigid (mm <sup>2</sup> )	flexible (mm <sup>2</sup> )			
		Fixing on rail  or on plate using 2 screws Supplied complete with rear insulated plate and transparent cover Bar identification possible using CAB 3 markers When installing under a front plate a blank can also be clipped on to the front plate Additional IP 2X terminals can be fitted (see table opposite)						
		<b>Double pole</b>						
		Equipped with 2 bars						
		Ways per bar						
5	0048 81	<b>40 A</b>	11	1.5 to 4	0.75 to 4	20	3	6
			2	6 to 16	4 to 10			
10	0048 80	<b>100 A</b>	5	2.5 to 10	1.5 to 10	20	4.5	4
			2	10 to 25	6 to 16			
5	0048 82	<b>125 A</b>	11	2.5 to 10	1.5 to 10	18	4.5	8
			2	10 to 25	6 to 16			
			2	10 to 35	10 to 25			
		<b>Four pole</b>						
		Equipped with 4 bars						
		Ways per bar						
5	0048 85	<b>40 A</b>	11	1.5 to 4	0.75 to 4	20	3	6
			2	6 to 16	4 to 10			
10	0048 84	<b>100 A</b>	5	2.5 to 10	1.5 to 10	20	4.5	4
			2	10 to 25	6 to 16			
5	0048 86	<b>125 A</b>	7	2.5 to 10	1.5 to 10	20	4.5	6
			2	10 to 25	6 to 16			
			2	10 to 35	10 to 25			
5	0048 88 <sup>1</sup>	<b>125 A</b>	11	2.5 to 10	1.5 to 10	14.5	4.2	8
			4	10 to 35	6 to 25 <sup>1</sup>			
1	0048 79 <sup>1</sup>	<b>160 A</b>	1	35 to 70	35 to 70	27	8.4	10
			8	2.5 to 10	1.5 to 10			
			4	10 to 25	6 to 16			
			2	10 to 35	10 to 25 <sup>1</sup>			

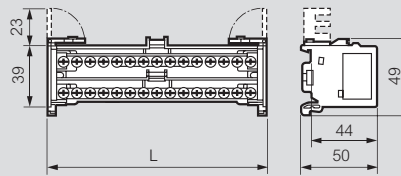
1 : Supplied with short ferrule

CAB 3 markers p. 140-143  
 Starfix ferrules p. 148-149



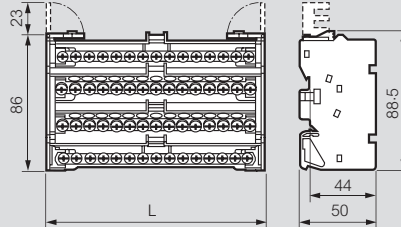
## ■ Dimensions

### Double pole 40 - 100 - 125 A



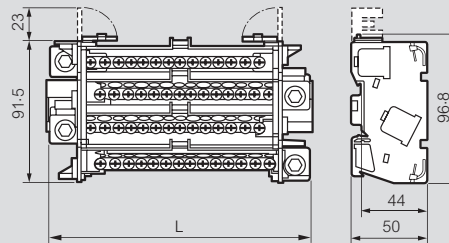
Cat. Nos.	Length (L)
0048 80	70
0048 81	105
0048 82	140

### Four pole 40 - 100 - 125 A

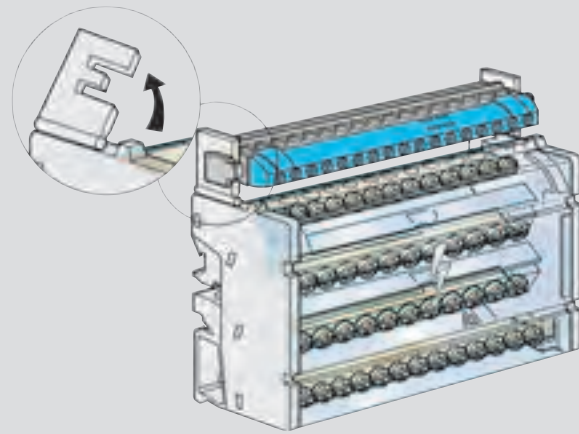


Cat. Nos.	Length (L)
0048 84	70
0048 85	105
0048 86	105
0048 88	140

### Four pole 160 A



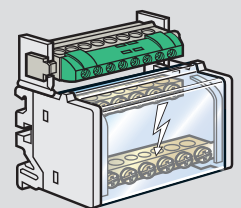
Cat. Nos.	Length (L)
0048 79	179



0048 88 + 0048 45

Extend your wiring capability using IP 2X fully shrouded terminals (see p. 42) on the following :

Distribution block Cat. Nos.	IP 2X Terminal	Characteristics Voltage	Rating
0048 80	0048 32 <sup>1</sup>	400 V	80 A
0048 81	0048 34 <sup>1</sup>	400 V	40 A
0048 82	0048 35 <sup>1</sup>	400 V	100 A
0048 84	0048 42 <sup>2</sup>	400 V	80 A
0048 85	0048 44 <sup>2</sup>	400 V	40 A
0048 86	0048 44 <sup>2</sup>	400 V	100 A
0048 88	0048 45 <sup>2</sup>	400 V	100 A
0048 79	0048 45 <sup>2</sup>	400 V	100 A



0048 80 + 0048 32

1 : (green cover)  
 2 : Neutral (blue cover)

Download the full file at

<http://assets.kempstoncontrols.com/doc/Legrand%20Industrial%20and%20power%20protection%20catalogue.pdf>



**KEMPSTON**  
CONTROLS