

Solutions series

Distribution blocks

DBL range

The ABB distribution range is the preferred choice for primary power distribution. The exclusive compact and modular design allows easy installation combined with a great flexibility of use.



Improve installation efficiency

The benefit of 3 configurations in 1 product

Single or multiple poles splitter and grouping.

Flexible cover facilitates identification and wiring

Reversible, two directions opening, all wiring data's on top.



More control in smaller space

Save up to 50% rail space

Compare to conventional distribution bars thanks to our modular compact design.

1 500 V DC voltage rating

Adapted to most recent solar inverters requirements.



Cost effective solution

Reduce wiring, inventories, hardware and assembly costs

Accept aluminum or copper conductor. Stocks 1 product get 3 configurations. Reduces assembly time by 80% compare to conventional systems thanks to our modular and touch proof concept.

Main applications

A great flexibility of use whatever your application

- Commercial and Construction
- Industrial
- Solar
- HVAC.

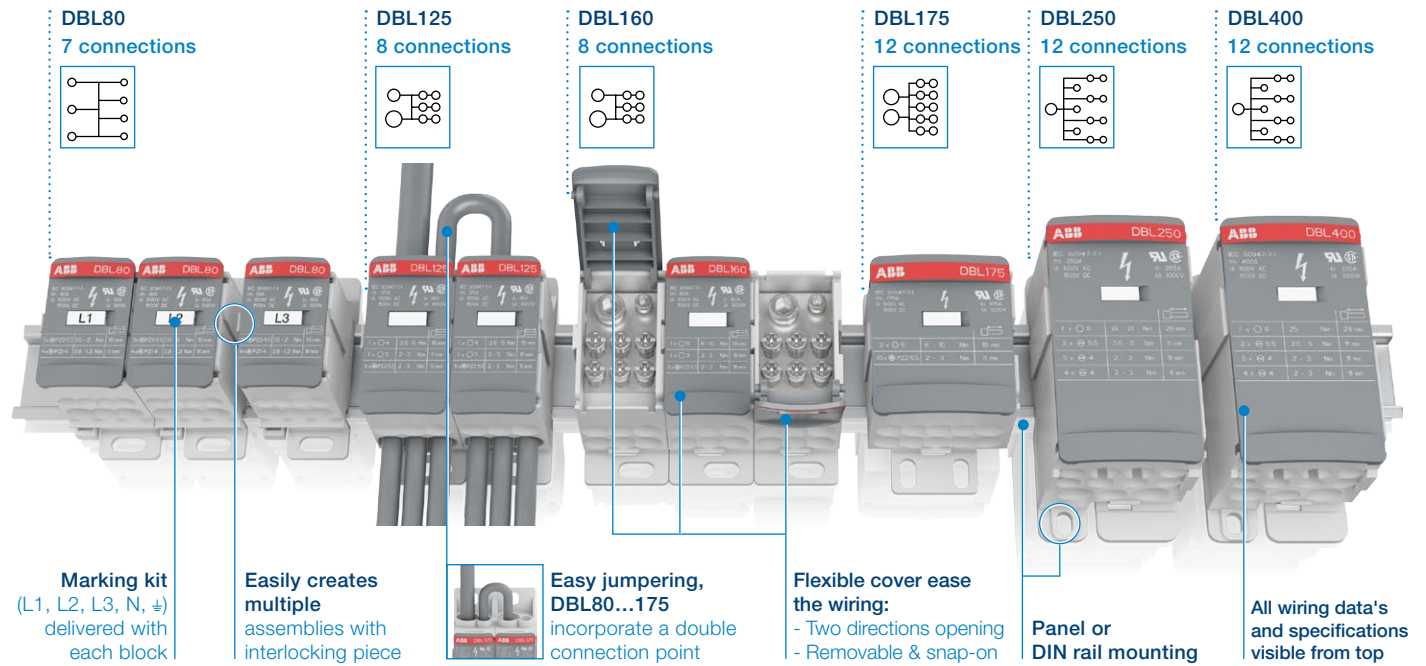


Power and productivity
for a better world™



DBL range overview

From 80 to 400 A - Single pole or multipole



Connection type	Max current		Connection type						Type	Order code	Pkg qty			
	IEC	UL/CSA	nb	Diameter of cable Ø		Flexible with ferrule		Stranded				Rigid (solid)		
				mm	in	mm ²	AWG	mm ²				AWG	mm ²	AWG
	Cu: 80 A Al: 63 A	Cu: 80 A	3	6.6	0.26	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 4	2.5 ... 16	14 ... 10	DBL80	1SNL308010R0000	1
			4	4.5	0.177	2.5 ... 6	14 ... 10	2.5 ... 6	14 ... 10	2.5 ... 6	14 ... 10			
	Cu: 125 A Al: 100 A	Cu: 115 A	1	9.8	0.386	10 ... 35	8 ... 2	10 ... 35	8 ... 2	10 ... 35	-	DBL125	1SNL312510R0000	1
			1	6.8	0.268	2.5 ... 16	14 ... 6	6 ... 16	10 ... 6	6 ... 16	10			
			6	6.5	0.256	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 10			
	Cu: 160 A Al: 135 A	Cu: 160 A	1	11.8	0.465	10 ... 50	8 ... 1/0	10 ... 70	6 ... 2/0	10 ... 70	-	DBL160	1SNL316010R0000	1
			1	6.8	0.268	2.5 ... 16	14 ... 6	6 ... 16	10 ... 6	6 ... 16	10			
			6	6.5	0.256	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 10			
	Cu: 175 A Al: 135 A	Cu: 175 A	2	11.8	0.465	10 ... 50	8 ... 1/0	10 ... 70	6 ... 2/0	10 ... 70	-	DBL175	1SNL317510R0000	1
			10	6.4	0.252	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 10			
			6	6.5	0.256	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 10			
	Cu: 250 A Al: 200 A	Cu: 255 A	1	15.3	0.602	35 ... 95	2 ... 3/0	35 ... 120	2 ... 250 kcmil	35 ... 120	-	DBL250	1SNL325010R0000	1
			2	8.7	0.343	2.5 ... 25	14 ... 4	2.5 ... 35	14 ... 2	2.5 ... 35	14 ... 10			
			5	6.5	0.256	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 10			
			4	5.7	0.224	2.5 ... 10	14 ... 8	2.5 ... 10	14 ... 8	2.5 ... 10	14 ... 10			
			4	5.7	0.224	2.5 ... 10	14 ... 8	2.5 ... 10	14 ... 8	2.5 ... 10	14 ... 10			
	Cu: 400 A Al: 300 A	Cu: 335 A	1	19.8	0.78	95 ... 150	3/0 ... 300 kcmil	95 ... 185	3/0 ... 400 kcmil	95 ... 185	-	DBL400	1SNL340010R0000	1
			2	8.7	0.343	2.5 ... 25	14 ... 4	2.5 ... 35	14 ... 2	2.5 ... 35	14 ... 10			
			5	6.5	0.256	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 6	2.5 ... 16	14 ... 10			
			4	5.7	0.224	2.5 ... 10	14 ... 8	2.5 ... 10	14 ... 8	2.5 ... 10	14 ... 10			

Rated voltage 1000 V AC, 1500 V DC (IEC) / 1000 V AC/DC (UL/CSA)

For more information, please contact:

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<http://new.abb.com/low-voltage/dbl>



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