

DISTRIBUTION BLOCKS

The CDB range of Distribution Blocks is an ideal choice for a simplified distribution system. A bolt in the center of the block provides a connection point for the incoming cable. All the terminals are internally connected and provide multiple connection points for the outgoing wires. A protective shield effectively shrouds the incoming connection.

CDB4(1) blocks are recommended for applications where the input connection point is located at one end instead of the center.

CMDB blocks are a modified version of the CDB Terminal Blocks without the central incoming terminal connection.



Stripping Length		9 mm		
Connection Possibility (Stranded Wire / Solid Wire)		Input	1.5 to 16 sq.mm	
		Output	0.5 to 4 sq.mm / 0.5 to 6 sq.mm	
Insulation Material / Comparative Tracking Index		Polyamide 66 / I		
Type of Connection		Input	1 Bolt connection for ring lugs / ferrules (Nut Driver Operated)	
		Output	Screw clamp connection (Screw Driver Operated)	
Approvals				
Rated Connecting Capacity		Input	10-8 AWG	6-16 sq.mm
		Output	22-12 AWG	0.5-4 sq.mm
Voltage Rating			600 V	800 V
Rated Impulse Voltage/Pollution Degree			8 KV / 3	600 V
Current Rating		Input	50 A	50 A
		Output (on either sides)	25 A	32 A
Torque		Input	26 lb-in	2.0 Nm
		Output	7 lb-in	0.5 Nm
Other Approvals				
Terminal Block		Type Cat. No.	No. of Outputs	Std. Packing in Pcs.
		CDB4/1	4	10
		CDB4/2	8	10
		CDB4/3	12	10
		CDB4/4	16	10
		CDB4/5	20	10
		CDB4/6	24	10
Mounting Rail			CA501	50 m
			CA701	50 m
			CA701-15	50 m
End Clamp			CA702	50
			CA802	50
Marking Tags (K Type)			CA509/K6	100
		Type Cat. No.	H x W x T (mm)	No. of Output
		CDB4/1	45 x 43 x 43.8	4
		CDB4/2	45 x 43 x 55.8	8
		CDB4/3	45 x 43 x 67.8	12
		CDB4/4	45 x 43 x 80	16
		CDB4/5	45 x 43 x 96	20
		CDB4/6	45 x 43 x 108	24

Note:
Sum of outgoing currents on either side of the center should not exceed half the maximum permissible incoming current

Sum of total outgoing currents should not exceed maximum permissible incoming current.

Connection for higher outgoing currents should be done through the terminal nearest to the incoming connection.