

SI-DCB

DC Injection Brake

For fast, smooth, frictionless braking

Rated operational current: 8 to 820 A
Main voltage: 208V – 690V

The SI-DCB electronic brake provides fast, smooth, frictionless braking of standard motors by injecting controlled DC current into the motor windings after the line contactor has opened. This DC current induces a stationary magnetic field which exerts a braking torque on the rotor.



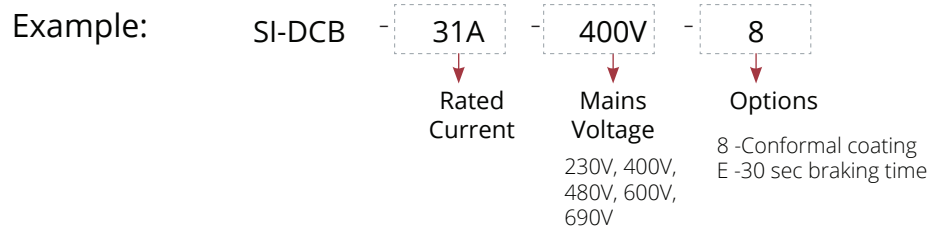
Advanced Features

- » Reduces stopping time of high inertia loads
- increases production rate in machine tools and safety of hazardous machines
- » Adjustable braking time
- » Auto stop - DC Injection stops when the motor stops
- » DIN Rail mounting (Rated current 10A)
- » Soft, smooth stopping, preventing wear and tear of mechanical parts
- » Adjustable braking torque, matching load size and required stop time
- » Auto stop, reducing motor heating

Models | 8-820A, 208-690V

Model	Rated Current (A)	Motor kW @400V	Unit Dimensions (mm)			Weight (kg)
			H	W	D	
A	10	5	75	45	105	0.7
B	17	7.5	190	65	114	1.4
	31	15				
	58	30				
C	105	55	280	154	160	5.2
	210	90				5.7
D	310	110	384	224	222	12
	390	160				
	460	220				
E	820	470	384	224	222	13.2

How to Order



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