

Dynamic Safety Brakes



Overvoltage Solutions

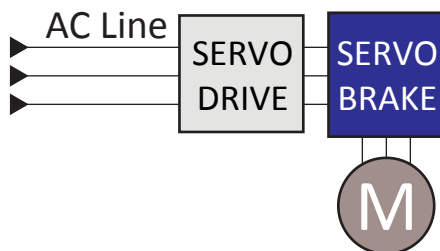


BONITRON

M3500DB Series

The M3500DB Series enhances system performance and safety by providing resistive braking control for emergency stop applications if regenerative braking does not perform.

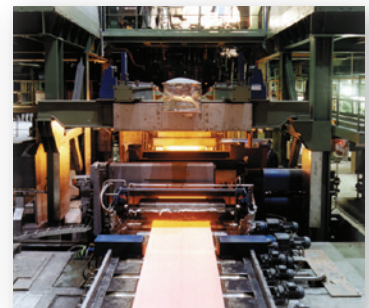
The M3500DB series provides e-stop braking for servo motion systems and conforms to EN-954 category II or category IV safety requirements. As the secondary brake, the M3500DB stops the motor in case of motion controller or power failure. It also isolates the motor from its power source once it is stopped to increase safety.



Product Highlights

- Max AC Voltage.... 480 VAC at rated current
- Max FLA..... 32A - 150A
- Duty Cycle..... 3 Full Load Stops/ Hour
- Aux. Contact..... 250 VAC, 2A

Industry Applications



Assembly Lines | Centrifuges | Conveyors | Cranes | Dynamometers | Elevators | Hoists | Pick and Place | & More!



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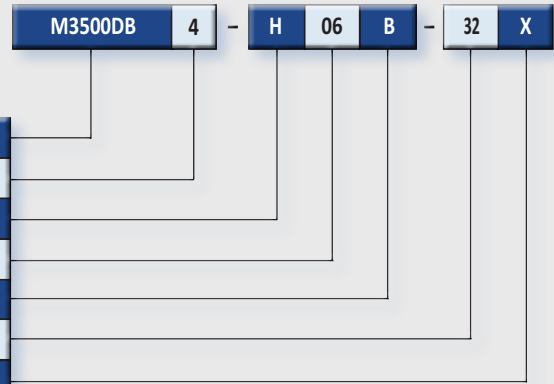


Scan for more
M3500DB information



Model Number Breakdown

Base Model Number
EN-954 Safety Class
Voltage Rating
Load Resistance
Aux. Contact State
Current Rating
Additional Aux.



Model Number Selection

	Model Number		Contact Type	Resistance	Dimensions (H x W x D)	
	EN-954 Category II	EN-954 Category IV				
32A Continuous Motor Current						
	M3500DB-H01A-32	M3500DB4-H01A-32	Normally Closed	1Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H01B-32	M3500DB4-H01B-32	Normally Open			
	M3500DB-H03A-32	M3500DB4-H03A-32	Normally Closed	3Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H03B-32	M3500DB4-H03B-32	Normally Open			
	M3500DB-H06A-32	M3500DB4-H06A-32	Normally Closed	6Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H06B-32	M3500DB4-H06B-32	Normally Open			
	M3500DB-H16A-32	M3500DB4-H16A-32	Normally Closed	16Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H16B-32	M3500DB4-H16B-32	Normally Open			
	M3500DB-H36A-32	M3500DB4-H36A-32	Normally Closed	36Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H36B-32	M3500DB4-H36B-32	Normally Open			
	M3500DB-H01A-32X	M3500DB4-H01A-32X	Normally Closed	1Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H01B-32X	M3500DB4-H01B-32X	Normally Open			
	M3500DB-H03A-32X	M3500DB4-H03A-32X	Normally Closed	3Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H03B-32X	M3500DB4-H03B-32X	Normally Open			
	M3500DB-H06A-32X	M3500DB4-H06A-32X	Normally Closed	6Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H06B-32X	M3500DB4-H06B-32X	Normally Open			
	M3500DB-H16A-32X	M3500DB4-H16A-32X	Normally Closed	16Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H16B-32X	M3500DB4-H16B-32X	Normally Open			
	M3500DB-H36A-32X	M3500DB4-H36A-32X	Normally Closed	36Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H36B-32X	M3500DB4-H36B-32X	Normally Open			
43A Continuous Motor Current						
	M3500DB-H01A-43	M3500DB4-H01A-43	Normally Closed	1Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H01B-43	M3500DB4-H01B-43	Normally Open			
	M3500DB-H03A-43	M3500DB4-H03A-43	Normally Closed	3Ω	15.95" x 2.92" x 10.35"	
	M3500DB-H03B-43	M3500DB4-H03B-43	Normally Open			
65A Continuous Motor Current						
	M3500DB-H0.5A-65	N/A	Normally Closed	0.5Ω	15.95" x 7.56" x 10.52"	
	M3500DB-H1.5A-65		Normally Closed	1.5Ω	15.95" x 7.56" x 10.52"	
	M3500DB-H03A-65		Normally Closed	3Ω	15.95" x 7.56" x 10.52"	
150A Continuous Motor Current						
	N/A	M3500DB4-H0.25A-150	Normally Closed	0.25Ω	20.00" x 10.00" x 10.25"	
		M3500DB4-H0.75A-150	Normally Closed	0.75Ω	20.00" x 10.00" x 10.25"	
		M3500DB4-H1.5A-150	Normally Closed	1.5Ω	20.00" x 10.00" x 10.25"	

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