

Standard Duty Braking Resistor

BONITRON

M3575R Series



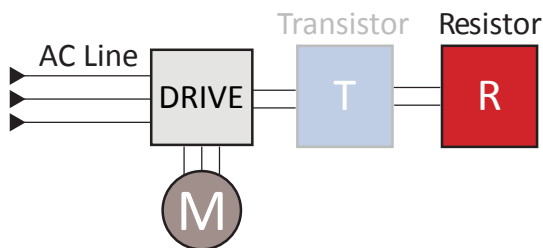
Overvoltage Solutions



Bonitron M3575R Braking Resistors help protect drives from overvoltage faults by dissipating excess regenerative energy as heat. M3575R Braking Resistors are commonly used in applications where infrequent, low duty cycle, or low horsepower regeneration occurs.

M3575R Braking Resistors are easily applied as resistive loads for use with a drive's internal or external braking transistor. Sizes up to 33 horsepower in a single unit are available and may be paralleled for higher requirements. Units have been designed and tested to ensure that cabinet temperatures are less than 85° Celsius.

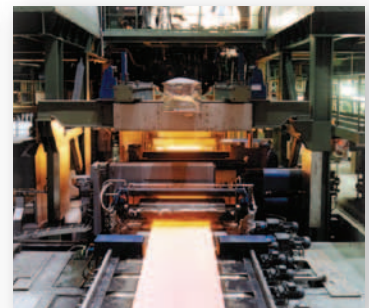
For resistors rated up to the megawatts see the Bonitron M3775R Resistive Load Bank Series. Custom resistors are also available.



Product Highlights

- UL & CUL Listed
- Wall or cabinet mountable
- Installable with new application or as retrofit
- Rapid installation increases up time
- Terminal access covers are standard

Industry Applications



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



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230 - 240VAC



230 - 240VC 375VDC Setpoint						
Braking HP	Model Number	Power		Resistance	Dimensions (H x W x D)	
		Peak	Cont.			

6% Duty

1 HP	M3575R-L1M0	746 W	46 W	190 Ω	12.75" x 4.00" x 9.50"	
2 HP	M3575R-L2M0	1492 W	91 W	95 Ω	12.75" x 4.00" x 9.50"	
3 HP	M3575R-L3M0	2238 W	137 W	63 Ω	12.75" x 4.00" x 9.50"	
4 HP	M3575R-L4M0	2984 W	182 W	48 Ω	12.75" x 7.00" x 9.50"	
5 HP	M3575R-L5B0	3730 W	243 W	38 Ω	17.75" x 4.00" x 9.50"	
6 HP	M3575R-L6M0	4476 W	274 W	32 Ω	12.75" x 7.00" x 9.50"	
8 HP	M3575R-L8B0	5968 W	365 W	25 Ω	17.75" x 4.00" x 9.50"	
9 HP	M3575R-L9M0	6714 W	410 W	21 Ω	12.75" x 10.00" x 9.50"	
11 HP	M3575R-L11B0	8206 W	486 W	19 Ω	17.75" x 7.00" x 9.50"	
16 HP	M3575R-L16B0	11936 W	730 W	13 Ω	17.75" x 7.00" x 9.50"	
24 HP	M3575R-L24B0	17904 W	1094 W	8 Ω	17.75" x 10.00" x 9.50"	

20% Duty

1 HP	M3575R-L1MF	746 W	152 W	190 Ω	12.75" x 4.00" x 9.50"	
2 HP	M3575R-L2MF	1492 W	304 W	95 Ω	12.75" x 4.00" x 9.50"	
3 HP	M3575R-L3MF	2238 W	456 W	63 Ω	12.75" x 4.00" x 9.50"	
4 HP	M3575R-L4MF	2984 W	608 W	48 Ω	12.75" x 7.00" x 9.50"	
5 HP	M3575R-L5BF	3730 W	811 W	38 Ω	17.75" x 4.00" x 9.50"	
6 HP	M3575R-L6MF	4476 W	912 W	32 Ω	12.75" x 7.00" x 9.50"	
8 HP	M3575R-L8BF	5968 W	1216 W	25 Ω	17.75" x 4.00" x 9.50"	
9 HP	M3575R-L9MF	6714 W	1368 W	21 Ω	12.75" x 10.00" x 9.50"	
11 HP	M3575R-L11BF	8206 W	1621 W	19 Ω	17.75" x 7.00" x 9.50"	
16 HP	M3575R-L16BF	11936 W	2432 W	13 Ω	17.75" x 7.00" x 9.50"	
24 HP	M3575R-L24BF	17904 W	3648 W	8 Ω	17.75" x 10.00" x 9.50"	

460 - 480VAC

460 - 480VC 750VDC Setpoint						
Drive HP	Model Number	Power		Resistance	Dimensions (H x W x D)	
		Peak	Cont.			

6% Duty

1 HP	M3575R-H1M0	746 W	45 W	780 Ω	12.75" x 4.00" x 9.50"	
2 HP	M3575R-H2M0	1492 W	90 W	390 Ω	12.75" x 4.00" x 9.50"	
3 HP	M3575R-H3M0	2238 W	135 W	260 Ω	12.75" x 4.00" x 9.50"	
4 HP	M3575R-H4M0	2984 W	180 W	195 Ω	12.75" x 7.00" x 9.50"	
5 HP	M3575R-H5B0	3730 W	225 W	150 Ω	17.75" x 4.00" x 9.50"	
6 HP	M3575R-H6M0	4476 W	270 W	130 Ω	12.75" x 7.00" x 9.50"	
8 HP	M3575R-H8B0	5968 W	360 W	90 Ω	17.75" x 4.00" x 9.50"	
9 HP	M3575R-H9M0	6714 W	405 W	87 Ω	12.75" x 10.00" x 9.50"	
11 HP	M3575R-H11B0	8206 W	495 W	60 Ω	17.75" x 7.00" x 9.50"	
16 HP	M3575R-H16B0	11936 W	720 W	45 Ω	17.75" x 7.00" x 9.50"	
24 HP	M3575R-H24B0	17904 W	1080 W	30 Ω	17.75" x 10.00" x 9.50"	

20% Duty

1 HP	M3575R-H1MF	746 W	150 W	780 Ω	12.75" x 4.00" x 9.50"	
2 HP	M3575R-H2MF	1492 W	300 W	390 Ω	12.75" x 4.00" x 9.50"	
3 HP	M3575R-H3MF	2238 W	450 W	260 Ω	12.75" x 4.00" x 9.50"	
4 HP	M3575R-H4MF	2984 W	600 W	195 Ω	12.75" x 7.00" x 9.50"	
5 HP	M3575R-H5BF	3730 W	750 W	150 Ω	17.75" x 4.00" x 9.50"	
6 HP	M3575R-H6MF	4476 W	900 W	130 Ω	12.75" x 7.00" x 9.50"	
8 HP	M3575R-H8BF	5968 W	1200 W	90 Ω	17.75" x 4.00" x 9.50"	
9 HP	M3575R-H9MF	6714 W	1350 W	87 Ω	12.75" x 10.00" x 9.50"	
11 HP	M3575R-H11BF	8206 W	1650 W	60 Ω	17.75" x 7.00" x 9.50"	
16 HP	M3575R-H16BF	11936 W	2400 W	45 Ω	17.75" x 7.00" x 9.50"	
24 HP	M3575R-H24BF	17904 W	3600 W	30 Ω	17.75" x 10.00" x 9.50"	
28 HP	M3575R-H27BF	20888 W	1800 W	28.2 Ω	17.75" x 10.00" x 9.50"	
33 HP	M3575R-H33BF	24618 W	3600 W	22.5 Ω	17.75" x 10.00" x 11.50"	



Scan for more M3575R information.

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