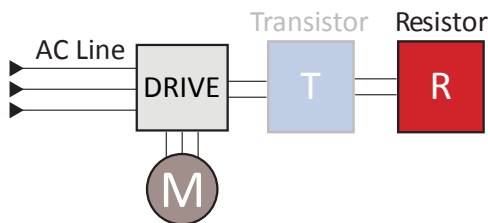


Modular Resistive Load Banks



Overvoltage Solutions



BONITRON

M3775RPF Series

While Bonitron has been the industry leader for Braking Transistors for years, what better way to compliment that than by offering quality resistors too! Bonitron now offers Modular Braking Resistors which can be configured for ratings from 100 to 1200 horsepower. The M3775RPF is a standard stock item, meaning shorter lead times and faster completion of your process installation.

M3775RPF Braking Resistors are used with Bonitron Braking Transistors to allow full power braking and eliminate overvoltage faults. This permits controlled braking and dramatically shortens motor stopping, time. If overvoltage occurs, Bonitron Transistors or the drive's internal brake, shunts excess energy through a Bonitron M3775RPF Braking Resistor to prevent overvoltage faults.

Product Highlights

Standard Stock Item!

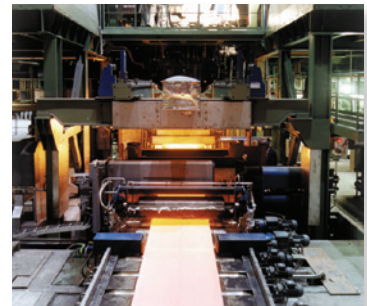
- Standard Powder Coat ANSI Gray Enclosure
 - 304, 316 Stainless Steel Options
- Weather-Proof Blow Open Top
- NEMA-3R Standard
- Thermal switch comes standard

Voltages.....460 - 600VAC

Power Rating.....Up to 1200 HP

Duty Cycle.....100% Overhauling

Industry Applications



Centrifuges | Conveyors | Cranes | Draw Works | Elevators | Hoists | Pick and Place | Pump Jacks | & More!



www.bonitron.com



615-244-2825

info@bonitron.com

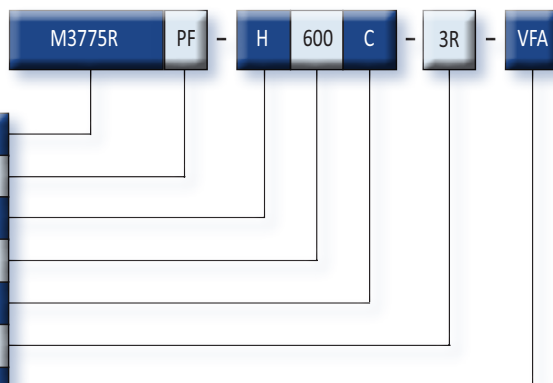


Model Number Selection

	Cont. HP	Peak HP	Peak Amps	Ohms	Model Number	Dimensions (H x W x D)	
460 - 480 VAC 750VDC							
	100 HP	100 HP	100 A	7.54 Ω	M3775RPF-H100C-3R-VFA	76.0" x 49.0" x 39.5"	
	200 HP	200 HP	200 A	3.77 Ω	M3775RPF-H200C-3R-VFA	76.0" x 49.0" x 39.5"	
	300 HP	300 HP	300 A	2.51 Ω	M3775RPF-H300C-3R-VFA	76.0" x 49.0" x 39.5"	
	400 HP	400 HP	400 A	1.88 Ω	M3775RPF-H400C-3R-VFA	76.0" x 49.0" x 39.5"	
	500 HP	500 HP	500 A	1.51 Ω	M3775RPF-H500C-3R-VFA	88.0" x 49.0" x 39.5"	
	600 HP	600 HP	600 A	1.26 Ω	M3775RPF-H600C-3R-VFA	88.0" x 49.0" x 39.5"	
	700 HP	700 HP	700 A	1.08 Ω	M3775RPF-H700C-3R-VFA	88.0" x 49.0" x 39.5"	
	800 HP	800 HP	800 A	0.94 Ω	M3775RPF-H800C-3R-VFA	88.0" x 49.0" x 39.5"	
	900 HP	900 HP	900 A	0.84 Ω	M3775RPF-H900C-3R-VFA	100.0" x 49.0" x 39.5"	
	1000 HP	1000 HP	1000 A	0.75 Ω	M3775RPF-H1000C-3R-VFA	100.0" x 49.0" x 39.5"	
	1200 HP	1200 HP	1200 A	0.63 Ω	M3775RPF-H1200C-3R-VFA	100.0" x 49.0" x 39.5"	
575 - 600 VAC 940VDC							
	100 HP	150 HP	125 A	7.54 Ω	M3775RPF-C100C-3R-VFA	76.0" x 49.0" x 39.5"	
	200 HP	310 HP	250 A	3.77 Ω	M3775RPF-C200C-3R-VFA	76.0" x 49.0" x 39.5"	
	300 HP	460 HP	375 A	2.51 Ω	M3775RPF-C300C-3R-VFA	76.0" x 49.0" x 39.5"	
	400 HP	620 HP	500 A	1.88 Ω	M3775RPF-C400C-3R-VFA	76.0" x 49.0" x 39.5"	
	500 HP	780 HP	625 A	1.51 Ω	M3775RPF-C500C-3R-VFA	88.0" x 49.0" x 39.5"	
	600 HP	930 HP	750 A	1.26 Ω	M3775RPF-C600C-3R-VFA	88.0" x 49.0" x 39.5"	
	700 HP	1090 HP	870 A	1.08 Ω	M3775RPF-C700C-3R-VFA	88.0" x 49.0" x 39.5"	
	800 HP	1250 HP	1000 A	0.94 Ω	M3775RPF-C800C-3R-VFA	88.0" x 49.0" x 39.5"	
	900 HP	1400 HP	1120 A	0.84 Ω	M3775RPF-C900C-3R-VFA	100.0" x 49.0" x 39.5"	
	1000 HP	1570 HP	1250 A	0.75 Ω	M3775RPF-C1000C-3R-VFA	100.0" x 49.0" x 39.5"	
	1200 HP	1870 HP	1500 A	0.63 Ω	M3775RPF-C1200C-3R-VFA	100.0" x 49.0" x 39.5"	

Model Number Breakdown

Base Model Number
Internal Note
System AC Voltage
Peak Horsepower
Duty Cycle
Enclosure Type
Forced Air



System AC Voltage

- H - 460-480VAC
- C - 575-600VAC

Duty Cycle

- C - 100% Duty

Forced Air

- VFA - Vertical Fan Exhaust

Stainless Steel Options

- Contact Bonitron

Learn more at
Bonitron.com/overvoltage



Scan for more **Braking Resistor** information.

Need a Braking Transistor?



Bonitron Braking Transistors are the perfect solutions for drives with no internal brake, or for applications with harsher duty cycles than most internal brakes can handle.

- 230 - 690VAC
- Up to 2300HP each
- Ethernet IP and Profibus DP networking options available