

Shoe Brakes — Magnetically Operated

Table 30. GH505 Shunt Coil Selection Chart

Brake Size Inches (mm)	Line Voltage	Duty Cycle	With Series Resistor ①		Shipped Without Resistor ①		Brake Size Inches (mm)	Line Voltage	Duty Cycle	With Series Resistor ①		Shipped Without Resistor ①		
			Coil Suffix Number	Adder *	Coil Suffix Number	Coil Suffix Number				Coil Suffix Number	Adder *	Coil Suffix Number		
8 (203)	230 Vdc	Intermittent	2160		2161	16 (406)	230 Vdc	Intermittent	2460		2461	230 Vdc	Intermittent	
	230 Vdc	Continuous	2162		2163		Continuous	2462					2463	
	208 Vdc	Continuous	—		2164 ②		208 Vdc	Continuous	—		2464 ②		208 Vdc	Continuous
10 (254)	230 Vdc	Intermittent	2260		2261	19 (483)	230 Vdc	Intermittent	2560		2561	230 Vdc	Intermittent	
	230 Vdc	Continuous	2262		2263		Continuous	2562					2563	
	208 Vdc	Continuous	—		2264 ②		208 Vdc	Continuous	—		2564 ②		208 Vdc	Continuous
13 (330)	230 Vdc	Intermittent	2360		2361	23 (584)	230 Vdc	Intermittent	2660		2661	230 Vdc	Intermittent	
	230 Vdc	Continuous	2362		2363		Continuous	2662					2663	
	208 Vdc	Continuous	—		2364 ②		208 Vdc	Continuous	—		2664 ②		208 Vdc	Continuous
						30 (762)	230 Vdc	Intermittent	2760		2761	230 Vdc	Intermittent	
							230 Vdc	Continuous	2762		2763	230 Vdc	Continuous	

① Series resistor is shipped in package attached to brake pull rod. Coils shipped without series resistor still require a series resistor in the circuit. The resistor **MUST** be supplied separately.

② For use with GH515 Rectifier Panel. Required resistor is located on and supplied with panel.

Note: For multiple brake systems, shunt brake coils are normally connected in parallel.

Table 31. GH505 Shunt Coil Resistance and Series Resistor Resistance

Coil Suffix Numbers	Coil Ohms	Series ③ Resistor Ohms	Total Power (Watts)	Coil Suffix Numbers	Coil Ohms	Series ③ Resistor Ohms	Total Power (Watts)
2160	44.4	78.0	432	2462	38.0	52.0	588
2162	110.6	104.0	247	2464	24.5	④	—
2164	44.4	④	—	2560	14.9	21.0	1474
2260	44.6	66.0	478	2562	34.3	29.0	836
2262	102.2	94.0	270	2564	9.34	④	—
2264	44.6	④	—	2660	11.0	16.0	1959
2360	29.1	52.0	652	2662	28.8	38.0	792
2362	45.4	78.0	429	2664	11.0	④	—
2364	29.1	④	—	2760	3.71	9.0	4162
2460	24.5	38.0	846	2762	3.71	17.6	2482

③ Series resistor is shipped in package attached to brake pull rod. Coils shipped without series resistor still require a series resistor in the circuit. The resistor **MUST** be supplied separately.

④ Series resistor control on separate brake rectifier. Contact Eaton for data when using GH515 rectifier panel.