



"The Right Control
for Your Application"

RFI FILTERS & CHOKES SELECTION GUIDE D-321

RFI Filters are used to suppress electronic interference caused by motor speed controls. They have been designed to limit the interference to within acceptable levels as determined by the CE Council Directive 89/336/EEC relating to the Class A Industrial Standard and Class B Residential Standard. The AC Line / DC Motor Choke and 3-Phase AC Motor Choke are used to provide supplemental RFI filtering, if required.

The following table provides information to select the appropriate RFI Filter or Choke for your Speed Control. This information is provided for reference only. See Technical Data Sheets for complete product information and specifications.

	FEATURES		SPEED CONTROL MODEL																						
	Part No.	Technical Data Sheet	Class A Industrial	Class B Residential	KBAC-24D	KBAC-27D	KBCC-125, 125R, 225, 225R, 240D	KBIC-120, 125, 240, 225, 240D, 240DS	KBMD-240D	KBMG-212D	KBMM-125, 225, 225D	KBPB-125, 225	KBPC-240D	KBPI-240D	KBPW-240D	KBRC-240D	KBRC-212D	KBRC-240D, 225D	KBTC-125, 225	KBVF-21D, 22D, 13, 23, 23D, 14, 24, 24D, 26D	KBWD-13, 16	KBWD-15	KBWM-120, 240	KBWS-12, 15, 22D, 25D	KBWT-16, 26, 110, 112, 210
STOCKED WORLDWIDE PENTA KB POWER A Complete Line of Motor Drives																									
KBRF-200A RFI Filter Panel Mount Rated 24 Amps at 115/230 Volts AC – 1ϕ Dimensions: 3.7" x 2.1" x 1.5" (approx.)	9945	See General Catalog Page 53	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓		
KBRF-250 RFI Filter Chassis Undermount Rated 10 Amps at 230 Volts AC – 1ϕ	9509	D-313	✓				✓		✓	✓								✓							
KBRF-300 RFI Filter Panel Mount Rated 16 Amps at 115/230 Volts AC – 1ϕ Dimensions: 6.6" x 2.3" x 1.8" (approx.)	9484	D-315	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
KBRF-350 RFI Filter Chassis Undermount Rated 10 Amps at 230 Volts AC – 1ϕ	9511	D-320	✓			✓			✓	✓								✓	✓	✓				✓	
RFAC-24 RFI Filter Internal Mount Rated 10 Amps at 230 Volts AC – 1ϕ	9507	D-811	✓	✓																					
RFAC-27D RFI Filter Internal Mount Rated 22 Amps at 230 Volts AC – 1ϕ	9512	—	✓	✓																					
AC Line / DC Motor Choke Rated 18 Amps at 300 Volts DC	9993	A40097				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓
3 Phase AC Motor Choke Rated 15 Amps at 300 Volts AC	9992	A40096		✓															✓						