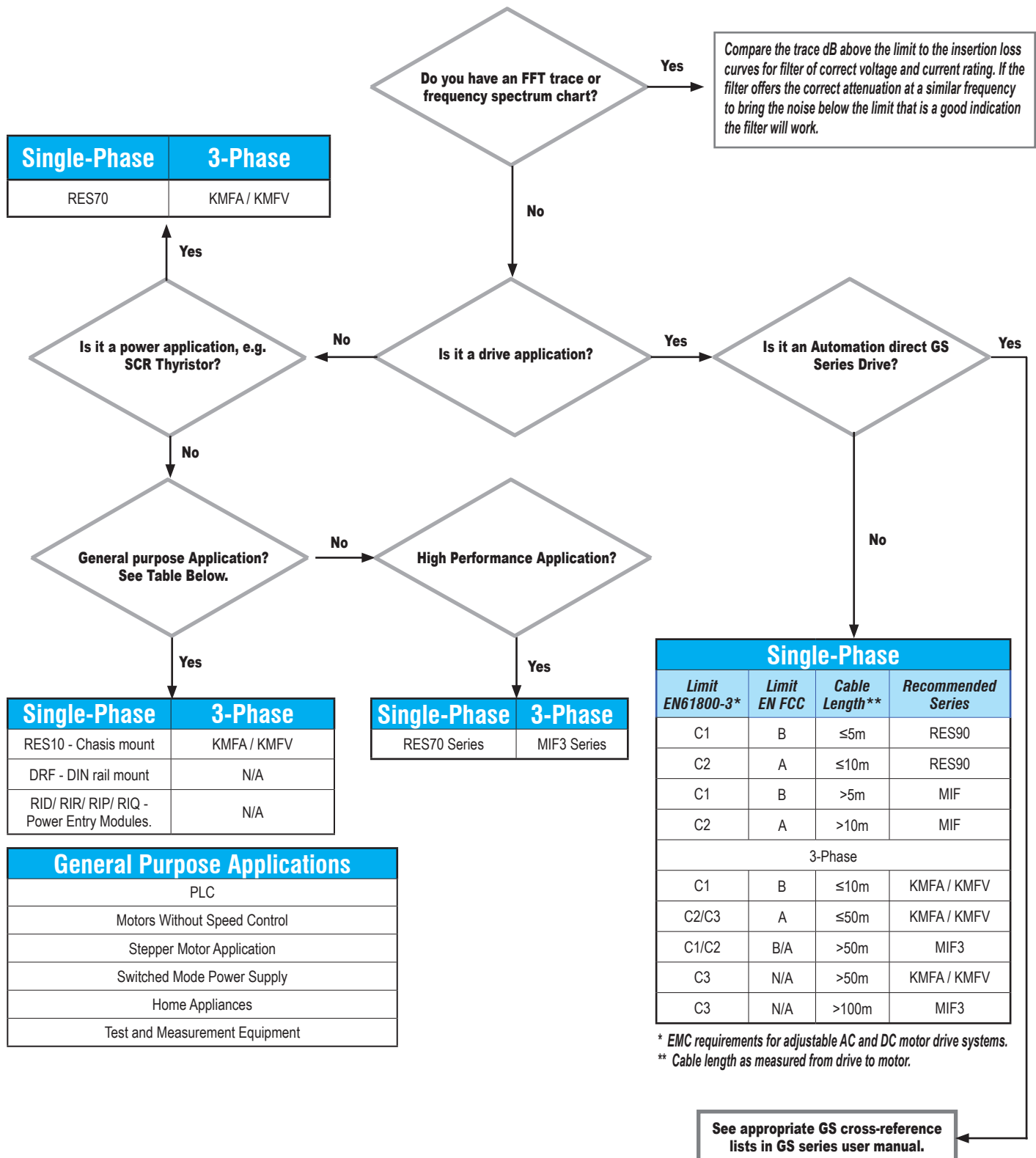


# Selection Guide for an EMI Filter

Many applications that utilize switching power supplies and motor drives often need a filter. A general selection guide for choosing an EMI filter is illustrated below. Start at the top diamond and follow the flow diagram as it applies to your situation.



\* EMC requirements for adjustable AC and DC motor drive systems.

\*\* Cable length as measured from drive to motor.