

TOTAL ELECTRICAL TRANSIENT ELIMINATOR

ABSTRACT

An apparatus and method for attenuating high frequency transients on AC power lines from damaging sensitive electrical and electronic circuits in an electrical load coupled to the AC power lines is provided. The AC power line has an earth ground and the electrical load has an electrical load ground. A continuous attenuator circuit is used for attenuating high frequency transients electrically coupled between the earth ground and the electrical load ground. The continuous attenuator circuit includes a plurality of toroid cores and a single continuous strand of wire being wound individually and sequentially a number of turns around each of the plurality of toroid cores.

Figure:1