

## ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

## CONDITIONS OF ACCEPTABILITY -

1. The reactors type LR3 are provided with a class 180(H) insulation system (core term code suffix H)
2. The VA Ratings is based on a 40°C ambient temperature (ta 40°C) for these components when used in the end equipment, at which the temperature rise at any point shall not exceed 115°C (Class 180). Other optional higher ambient temperatures can be achieved by reducing the VA Rating correspondingly. The designated ambient temperature is included in the markings. The VA Rating designated in Table 1 is based on a (Class 180) insulation system. The designated insulation system is included in the markings (Type designation).
3. These components have been judged on the basis of the required spacings in UL 5085-2 Table 6, 7, and 8.
4. These reactors are to used within their ratings.
5. These reactors are for factory wiring only.
6. These reactors have only been evaluated as open core open coil construction and only the temperature and dielectric testing have been conducted. If installed in an enclosure there should be considerations as to reconducting the temperature test in the end product.