

Indian Standard

SHUNT CAPACITORS FOR a.c. POWER SYSTEMS HAVING A RATED VOLTAGE ABOVE 1000 V

PART 4 INTERNAL FUSES

1 Scope and object

This part of IEC 871 applies to internal fuses which are designed to isolate faulty capacitor elements, in order to allow operation of the remaining parts of that capacitor unit and the bank in which the capacitor unit is connected. Such fuses are not a substitute for a switching device such as a circuit-breaker, or for external protection of the capacitor bank or any part thereof.

The object of this part of IEC 871 is to formulate requirements regarding performance and testing and to provide a guide for co-ordination of fuse protection.

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of IEC 871. At the time of publication, the edition indicated was valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 871 are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 871-1: 1987, *Shunt capacitors for a.c. power systems having a rated voltage above 1 000 V – Part 1: General – Performance, testing and rating – Safety requirements – Guide for installation and operation*
Amendment 1 (1991)