

VOLTAGE DESIGNATION

The rated voltages in this catalogue are designated as U_0/U , where

U_0 is the r.m.s. voltage between any phase and earth;

U is the r.m.s. voltage between any two phases of a multi-core cable or of a system of single-core cables.

For alternating current system, the rated voltage of a cable shall be equal to a nominal voltage of the system for which it is intended and this applies both to the value U_0 and to the value U .

For the D.C. current system, the nominal value of the system shall not be higher than 1.5 times the rated voltage of cable / flexible cords.

It may be noted that the operating voltage of a system may permanently exceed the nominal voltage of such a system by 10%. Therefore, cables and flexible electric cords covered under the section "Electric Cable" may be used at 10% higher operating voltage than its rated voltage if the latter is equal to the nominal voltage of the system.

