

Compliance of Caneco BT V5 with electrical standard IEC364, HD384 standard and others

Caneco BT has got certificates of compliance with Low Voltage electrical standard calculation in France (C15100) Belgium (RGIE) and UK (BS7671).

For the international IEC364 standard, the HD384 standard (CENELEC European Standard) and other standards as far as there is no authority to deliver such certificate, Alpi has carried out the same procedure to test the conformity of Caneco BT electrical calculation according to the IEC364, HD384 and other standards rules.

These rules are :

Current carrying capacity (IZ)

Protection against overload (IN, IB)

Protection against short-circuits (Breaking capacity Icu, Making capacity Icm of protective device, calculation of thermal stress of conductors on short circuit. (Ik)

Protection against indirect contacts (human protection) (If)

Voltage drop (dU)

For more details about calculation methods, the user can refer to Electrical standard reference documents where method of calculation, parameters are detailed

IEC 364 (ed 2001)

CENELEC R64-0001, R64-0003.

Other National electrical standards

The rules for the choice of protective device are also applied (Icu, Icm, rating, settings, poles...).

ALPI

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