

Title (en)

METHOD FOR CONTROLLING AN ELECTRONIC OVERCURRENT TRIP FOR LOW-VOLTAGE CIRCUIT BREAKERS

Title (de)

VERFAHREN ZUR STEUERUNG EINES ELEKTRONISCHEN BERSTROMAUSLÖSERS FÜR NIEDERSpannungs-LEISTUNGSSCHALTER

Title (fr)

PROCEDE POUR COMMANDER UN DISCONTACTEUR ELECTRONIQUE POUR DISJONCTEUR DE PUISSANCE BASSE TENSION

Publication

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Application

EP 04786191 A 20040824

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Abstract (en)

[origin: WO2005027292A1] The invention relates to a method for controlling an electronic overcurrent trip for low-voltage circuit breakers, according to which digitized signals for the electricity values are generated and evaluated, and a tripping device providing short-circuit protection is activated when an overcurrent event is assumed to take place based on the evaluation. According to the inventive method, signals whose electricity value does not lie between the electricity values of the previous signal and the subsequent signal, or whose electricity value does not correspond to the electricity values of the previous signal or the subsequent signal, are rated as potentially erroneous signals and are tested by means of additional criteria.

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