

Title (en)

Auxiliary contact block for a contactor

Title (de)

Hilfskontaktblock für einen schütz

Title (fr)

Bloc de contact auxiliaire de contacteur

Publication

**EP 0918347 A1 19990526 (FR)**

Application

**EP 98402854 A 19981118**

Priority

FR 9714615 A 19971121

Abstract (en)

the spring mechanism ensures that the auxiliary contacts are operated before the main contacts of the switch. The auxiliary contact block comprises at least one auxiliary contact with advanced closure, whose mobile bridge (11) is displaced within a space forming an insulating cage (110) under the action of a spring (15). The walls of the cage (110) have elements (13) which are able to support the element (12) on which the bridge is carried. This blocks the action of the spring, in such a way as to ensure an advanced opening of the auxiliary contact (11-9). The support element (12) is u-shaped, with the base shaped to be applied against the face of the cage near to the fixed auxiliary contacts, and to be solidly attached to the auxiliary bridge (11). It is also elastically deformable and has its ends terminated by portions (16) which are folded towards the interior of the cage.

Abstract (fr)

Un bloc de contact auxiliaire comporte au moins un contact auxiliaire à fermeture avancée dont le pont mobile se déplace dans un évidement formant cage d'un coulisseau isolant sous l'action d'un ressort. Le pont mobile (11) est porté par une pièce (12) montée coulissante dans la cage (110) sous l'action du ressort (15) et les parois de la cage (110) portent des moyens (13) susceptibles de solidariser ladite pièce (12) de la cage (110), bloquant ainsi l'action du ressort (15), de manière à assurer une ouverture avancée du contact auxiliaire (11-9). <IMAGE>

IPC 1-7

**H01H 50/54**

IPC 8 full level

**H01H 50/54** (2006.01)

CPC (source: EP)

**H01H 50/545** (2013.01)

Citation (search report)

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