

Title (en)

Auxiliary contact device for connection to power factor correction contactors

Title (de)

Hilfskontakteinrichtung zur Verbindung mit einer Leistungsfaktorkorrektursschutz

Title (fr)

Dispositif de contacts auxiliaires pour le raccordement d'un contacteur avec correction de facteur de puissance

Publication

EP 0905732 A3 19990804 (EN)

Application

EP 98307773 A 19980924

Priority

ES 9701998 A 19970924

Abstract (en)

[origin: EP0905732A2] An auxiliary contact device protects a power factor correction contactor from the high current peaks produced on connection of a capacitor battery. It has means of coupling and fastening (24) to the contactor and means of engagement (23) with the gear of the contactor (33). When the contactor is activated, the contacts (30, 14) of the device are closed. Then the contacts of the contactor are closed and the contacts (14, 30) are subsequently disconnected. The device has a frame (3) equipped with locking/unlocking means (4) and, independently, a slide (12) bearing moving contacts (14). It has means (8, 25, 26) for regulating the time it takes for disconnection of the contacts (14,30), and means (15, 8, 25, 26) that increase the pressure of the moving contacts (14) on the fixed contacts (30), the longer the travel of the contactor. All of this makes possible the application of the device to the whole line of contactors for which it has been designed by means of a selector (25). <IMAGE>

IPC 1-7

H01H 50/54; **H01H 9/42**

IPC 8 full level

H01H 50/54 (2006.01); **H01H 1/50** (2006.01); **H01H 11/00** (2006.01); **H01H 33/16** (2006.01)

CPC (source: EP)

H01H 50/543 (2013.01); **H01H 1/50** (2013.01); **H01H 11/0006** (2013.01); **H01H 33/166** (2013.01); **H01H 2003/323** (2013.01)

Citation (search report)

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- [Y] US 5194705 A 19930316 - CANAULT JEAN [FR]
- [A] DE 29601735 U1 19960314 - SPRECHER & SCHUH AG [CH]
- [A] GB 2021319 A 19791128 - NORTHERN ENG IND

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Designated contracting state (EPC)

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