

Title (en)

Contactor with duct and load branch with such a contactor

Title (de)

Schütz mit Leitungskanal und Lastabzweig mit einem derartigen Schütz

Title (fr)

Contacteur avec un caniveau et branchement de puissance avec un tel contacteur

Publication

EP 1978537 B1 20111221 (DE)

Application

EP 07006733 A 20070330

Priority

EP 07006733 A 20070330

Abstract (en)

[origin: EP1978537A1] Contactor (1) includes main connector surfaces laying opposite to one another and side surfaces laying opposite to one another. The operating side includes a raised central area and two edge areas (16, 16') which border the central area on both sides of the central area. The edge areas border the main connector areas and are connected to the central area via an additional connector area. A conductor channel, extending from one of the edge areas to the other edge area, is introduced in a central area of the operating side. Contactor comprises a housing including a mounting side, an operating side, two main connector surfaces and two side surfaces. The operating side is laid opposite the mounting side and is connected to the mounting side via the main connector surfaces and the side surfaces. The main connector surfaces lies opposite one another and the side surfaces lies opposite one another. The operating side includes a raised central area and two edge areas which border the central area on both sides of the central area. The edge areas border the main connector areas and are connected to the central area via an additional connector area. Main terminals are connected to the load contacts of the contactor. They include main receptacle openings into which main conductors are feedable from the main connector surface. Additional terminals, by which additional conductors are connectable to the contactor, include additional receptacle openings into which the additional conductors are feedable from the additional connector surface. A conductor channel, extending from one of the edge areas to the other edge area, is introduced in the central area. An independent claim is included for a load branch circuit comprising the contactor, and an additional device (2) mechanically and electrically connected to one of the main connector surfaces of the contactor. The additional conductor is clamped in one of the additional terminals facing the additional device and is fed through the conductor channel. The contactor has a plunger accessible from the central area and arranged closer to the other side surface than to the one side surface.

IPC 8 full level

H01H 71/08 (2006.01); **H01H 89/06** (2006.01)

CPC (source: EP US)

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