

Title (en)
IMPROVED CONTACTOR DEVICE STRUCTURE WITH IMPROVED AUXILIARY SWITCH

Title (de)
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Title (fr)
STRUCTURE DE DISPOSITIF CONTACTEUR AMÉLIORÉE AVEC AMÉLIORATION DE COMMUTATEUR AUXILIAIRE

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Application
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Abstract (en)
[origin: EP3624156A1] The present invention relates to an improved contactor device (1) structure for industrial or railways applications and comprising at least:- an envelope or housing (2) made by a synthetic plastic material having a predetermined isolation coefficient;- fixed (8, 9) and movable contacts (11, 12) supported and protected by a central internal portion (4) or vane of the envelope or housing (2);- said movable contacts (11, 12) being supported on a moving mechanism (18) activated by a coil slider (21);- an auxiliary switch (15) included in a lateral vane (6) of said envelope or housing (2); and- a top arc chute extinguishing portion (7) covering said fixed (8, 9) and movable contacts (11, 12); wherein- said auxiliary switch (15) is structurally independent and removably inserted in a plug-in manner in said lateral vane (6) of said envelope or housing (2); means (55, 56, 57) being provided to keep said switch (15) in stable position into a corresponding seat (50) of said vane (6).

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