

Title (en)

AN ADAPTER, PARTICULARLY INTENDED FOR AN ELECTRICAL CONTACT RAIL

Publication

EP 0159556 A3 19880420 (EN)

Application

EP 85103583 A 19850326

Priority

SE 8401925 A 19840406

Abstract (en)

[origin: EP0159556A2] The invention relates to an adapter (10) for cooperation with a substantially C-shaped contact rail, collector rail, wiring channel or like device (126) having flange-like portions facing towards a longitudinally extending opening, these flange-like portions carrying on their inner surfaces electrical conductors (158, 159, 160). The adapter includes an elongated insertion part (22) and a contact and locking beam having electrical contact pins (42, 44) and being arranged to be swung between a position in which it lies in the insertion part for insertion of the adapter (10) into the contact rail (126) or removal of the adapter therefrom, and an extended position in which it is firmly secured against the flange-like parts of the contact rail. The contact beam is secured to a hollow shaft (52) which extends through a guide sleeve (84) on the adapter (10). The shaft (52) and the guide sleeve (84) include manoeuvring grooves (66) and guide grooves (88) respectively, for receiving a mounting tool (100), by means of which the adapter can be fitted to and removed from the contact rail (126). The connector includes a push-cover (20) for the guide sleeve (84), this cover activating a switch in a manner to break the supply of current when the opening of the guide sleeve (84) is accessible to the mounting tool (100). The adapter is provided on the front side (12) thereof with a signal lamp (18), which lights-up when the adapter (10) is connected to a current-carrying conductor.

IPC 1-7

H01R 25/14

IPC 8 full level

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Citation (search report)

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- [A] US 3603918 A 19710907 - WOERTZ HANS

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