

Title (en)
ELECTRIC TERMINAL BLOCK

Title (de)
ELEKTRISCHE REIHENKLEMME

Title (fr)
BLOC DE JONCTION ÉLECTRIQUE

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Abstract (en)
[origin: WO2016131703A1] The invention relates to an electric terminal block comprising a block housing (2), two conductor connection elements (3, 4) arranged in the housing, two current bars (5, 6), and two additional current bar pieces (7, 8). Each of the current bars (5, 6) has a connection portion (9, 9'), a first contact portion (10, 10'), and a second contact portion (11, 11'), each connection portion (9, 9') being paired with a conductor connection element (3, 4). The first contact portions (10, 10') together form a first contact region (12) for receiving the plug (13) of an operating plug (14) or a test plug (15), and the first contact portions (10, 10') are mutually spaced. At least one of the current bar pieces (7, 8) is equipped with at least one recess for inserting a limb (16) of a plug-in bridge (17). In the terminal block (1) according to the invention, a reliable switching sequence when plugging and unplugging an operating or test plug (14, 15) is ensured in that the terminal housing (2) is equipped with two spring elements (18, 19), each of which has a connection portion (20, 20') and an elastic contact portion (21, 21'); each of the spring elements (18, 19) is connected to one of the current bar pieces (7, 8) in an electrically conductive manner; the contact portions (21, 21') together form a second contact region (22) for receiving the plug (13), said contact portions (21, 21') being mutually spaced when the plug (13) is not plugged in; and the contact region (22) of the spring elements (18, 19) is arranged in front of the contact region (12) of the current bars (5, 6) in the plug-in direction (E) of the plug (13).

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