

Title (en)
ELECTRIC TERMINAL BLOCK

Title (de)
ELEKTRISCHE REIHENKLEMME

Title (fr)
BLOC DE JONCTION ÉLECTRIQUE

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Application
EP 16757612 A 20160819

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Abstract (en)
[origin: WO2017032703A1] The invention relates to an electric terminal block (1) comprising a terminal housing (2), two conductor connection elements (3, 4) arranged in the housing, and two current bars (5, 6). Each of the current bars (5, 6) has a connection portion (7, 7') and at least one first elastic contact portion (8, 8'). Each of the connection portions (7, 7') is paired with a respective conductor connection element (3, 4), and the contact portions (8, 8') together form a contact region (9) for receiving and contacting the plug (10) of a test plug (11) or disconnecting plug (29). The contact portions (8, 8') contact each other when no plug (10) is plugged in such that the two conductor connection elements (3, 4) are electrically connected together via the two current bars (5, 6). In the terminal block (1) according to the invention, a transverse connection between two conductor connection elements of two adjacent terminal blocks (1, 1') is produced automatically when a test plug (11) or disconnecting plug (29) is plugged onto the terminal blocks (1, 1') in that the terminal housing (2) is equipped with two spring elements (12, 13), each of which has an elastic contact portion (14, 14'); the contact portions (14, 14') of the two spring elements (12, 13) together form an additional contact region (15) for the plug (10), said contact region being arranged in front of the contact region (9) of the current bars (5, 6) in the plug-in direction (E) of the plug (10); and at least one of the spring elements (12, 13) has a receiving area (16) for a limb (17) of a plug-in bridge (18). A respective spring element (12, 13) is connected to a current bar (5, 6) in an electrically conductive manner via the plug (10) when the plug (10) is plugged into the terminal block (1).

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