

Title (en)

EQUIPMENT FOR ESTABLISHING A SOLDER, SCREW, AND INSULATION STRIP FREE LSA-PLUS CONTACT FOR CONDUCTORS

Publication

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Application

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Priority

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Abstract (en)

[origin: ES275013U] The subject matter of the invention relates to a device having a unitary terminal element (1) of X-shaped cross-section, in which the conductor wire (2), especially aluminum or multi-wire copper conductors, is adapted to be inserted centrally into the slot (10) through two insertion openings (3, 4) each of which includes a V-shaped centering portions (6) and two offset cutting lances (7, 8) at the lower end thereof, said cutting lances being intended to rip open the conductor insulation at offset and opposite locations. The size of the conductor wire (2) to be terminated, the slot width, and the resilient slot walls (10a, 10b) determine the contact pressure. The air gap of the slot (10) has an automatic matching function (e.g. when the conductor material ages) and ensures a continually sufficient contact pressure.

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IPC 8 full level

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