

Title (en)
ELECTRIC SAFETY SWITCH DEVICE

Title (de)
ELEKTRISCHES SCHUTZSCHALTGERÄT

Title (fr)
DISJONCTEUR ELECTRIQUE

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Application
EP 00964170 A 20000914

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Abstract (en)
[origin: DE19952178A1] The invention relates to an electric safety switch device (1), especially a protective motor switch, comprising a housing (12) consisting of insulating material, a switching contact arrangement and a tripping unit with an electromagnetic instantaneous tripping device (10) comprising a trip coil (38), a magnet core (68), an armature (62) and a turn armature (69). The aim of the invention is to simplify the construction of the inventive device in such a way that said device can be assembled more comfortably and that the threshold values for the instantaneous tripping device can be adjusted more easily. To this end, the armature (62) is axially and moveably accommodated in a receiving body (60) made of insulating material. Said body (60) accommodates a spring element (64) which impinges the armature (62) with a spring force against the release moving direction thereof. The d receiving body (60) thus fitted can be mounted into the release unit and can be exchanged.

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