

Title (en)

Auxilliary module for electromagnetic switch.

Title (de)

Aufsatzgehäuse für elektromagnetische Schaltgeräte.

Title (fr)

Module auxiliaire pour appareil de commutation électromagnétique.

Publication

EP 0453918 B1 19950712 (DE)

Application

EP 91105978 A 19910415

Priority

DE 9004816 U 19900427

Abstract (en)

[origin: EP0453918A2] The invention relates to a top-unit housing for electromagnetic switching devices, which is split at right angles to the front and is provided with connection bushings for the protection wiring of the electromagnetic switching device. According to the invention, at least one timing relay board, which is guided parallel to the front in grooves in the housing, is held in said housing such that a timing relay arrangement is produced which avoids any further mounting surface. In addition, contact-clip parts are provided on the timing relay board which can be electrically connected, after insertion, to connection bushings, so that additional connections between the switching device and the timing relay can be dispensed with.
<IMAGE>

IPC 1-7

H01H 50/02; **H01H 50/54**

IPC 8 full level

H01H 50/02 (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP)

H01H 50/021 (2013.01); **H01H 50/545** (2013.01)

Citation (examination)

& 4)

Cited by

DE20304414U1; CN101916691A; EP1975962A1; DE10013353A1; DE10013353C2; WO0169626A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 0453918 A2 19911030; **EP 0453918 A3 19911218**; **EP 0453918 B1 19950712**; DE 59105954 D1 19950817; DE 9004816 U1 19910822

DOCDB simple family (application)

EP 91105978 A 19910415; DE 59105954 T 19910415; DE 9004816 U 19900427