Abstract

A shielded module support structure 1 for printed circuit boards 2 which can be inserted on guide rails 7 and having electrical or electronic components is proposed comprising at least four module rails 4 for mounting the guide rails 7. The printed circuit boards 2 are assembled into plug-in modules 10, each having a front plate 9, wherein the front plates 9 are attached to a threaded-hole-strip using screws, the threaded-hole-strips seating in a groove 11, opening towards the front side of the module support structure 1, in the front module rail 4. In order to assure shielding of the module support structure 1 against interfering radio frequency fields, the front plates 9 are contacted with the module rails 4 using specially formed resilient contact bands 15 which can be snapped onto a seating surface 12 of the module rails 4. The resilient contact bands 15 have a plurality of break-outs 18 resiliently facing the front side of the module support structure 1 as well as a plurality of contact spikes 19 facing the seating surface 12. The resilient contact bands 15 preferentially consist essentially of flat sheet metal the upper edge 16 of which is bent for engagement into an upper engagement groove 13 and the lower edge 17 of which is bent for engagement into a lower engagement groove 14.

(Figure 2)

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