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(12) **United States Design Patent** (10) **Patent No.: US D1,089,106 S**
Ye et al. (45) **Date of Patent: ** Aug. 19, 2025**

(54) **RESIDUAL CURRENT MONITORING AND PROTECTION MODULE**

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(**) Term: **15 Years**

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(30) **Foreign Application Priority Data**

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(51) **LOC (15) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/133**; D13/160

(58) **Field of Classification Search**
USPC D13/133, 160, 184, 199; D8/350, 351, D8/353; 335/6, 8, 18; 200/293, 297
CPC .. H01H 9/00; H01H 9/02; H01H 9/54; H01H 71/02; H01H 71/04; H01H 71/08; H02H 3/00
See application file for complete search history.

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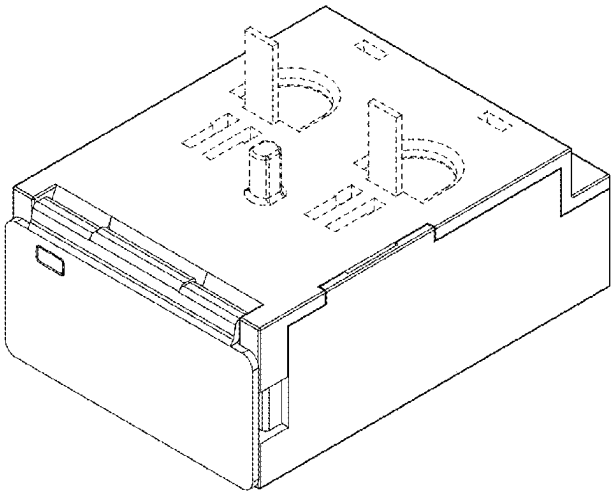
(57) **CLAIM**

The ornamental design for a residual current monitoring and protection module, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a residual current monitoring and protection module.
FIG. **2** is another perspective view of a residual current monitoring and protection module.
FIG. **3** is another perspective view of a residual current monitoring and protection module.
FIG. **4** is another perspective view of a residual current monitoring and protection module.
FIG. **5** is front view of a residual current monitoring and protection module.
FIG. **6** is rear view of a residual current monitoring and protection module.
FIG. **7** is left side view of a residual current monitoring and protection module.
FIG. **8** is right side view of a residual current monitoring and protection module.
FIG. **9** is top view of a residual current monitoring and protection module.
FIG. **10** is bottom view of a residual current monitoring and protection module; and,
FIG. **11** is a reference view showing the use state of a residual current monitoring and protection module in accordance with a further embodiment.
The broken lines in the drawings illustrate portions of a residual current monitoring and protection module that form no part of the claimed design.

1 Claim, 11 Drawing Sheets



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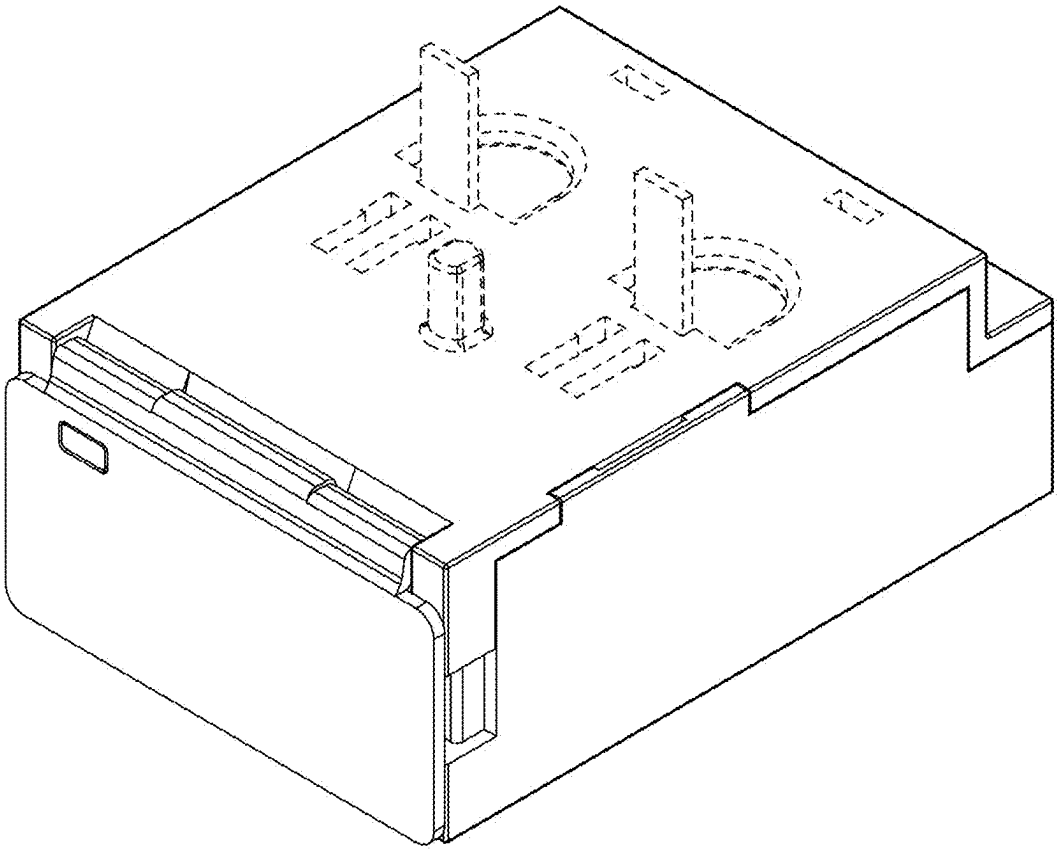

FIG. 1

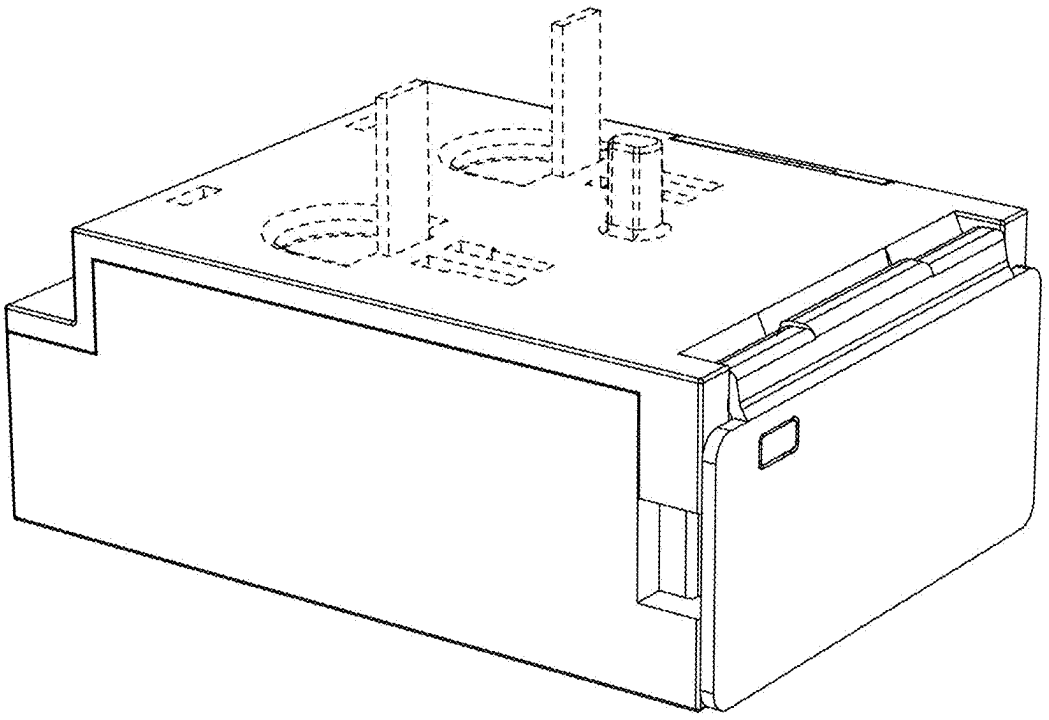

FIG. 2

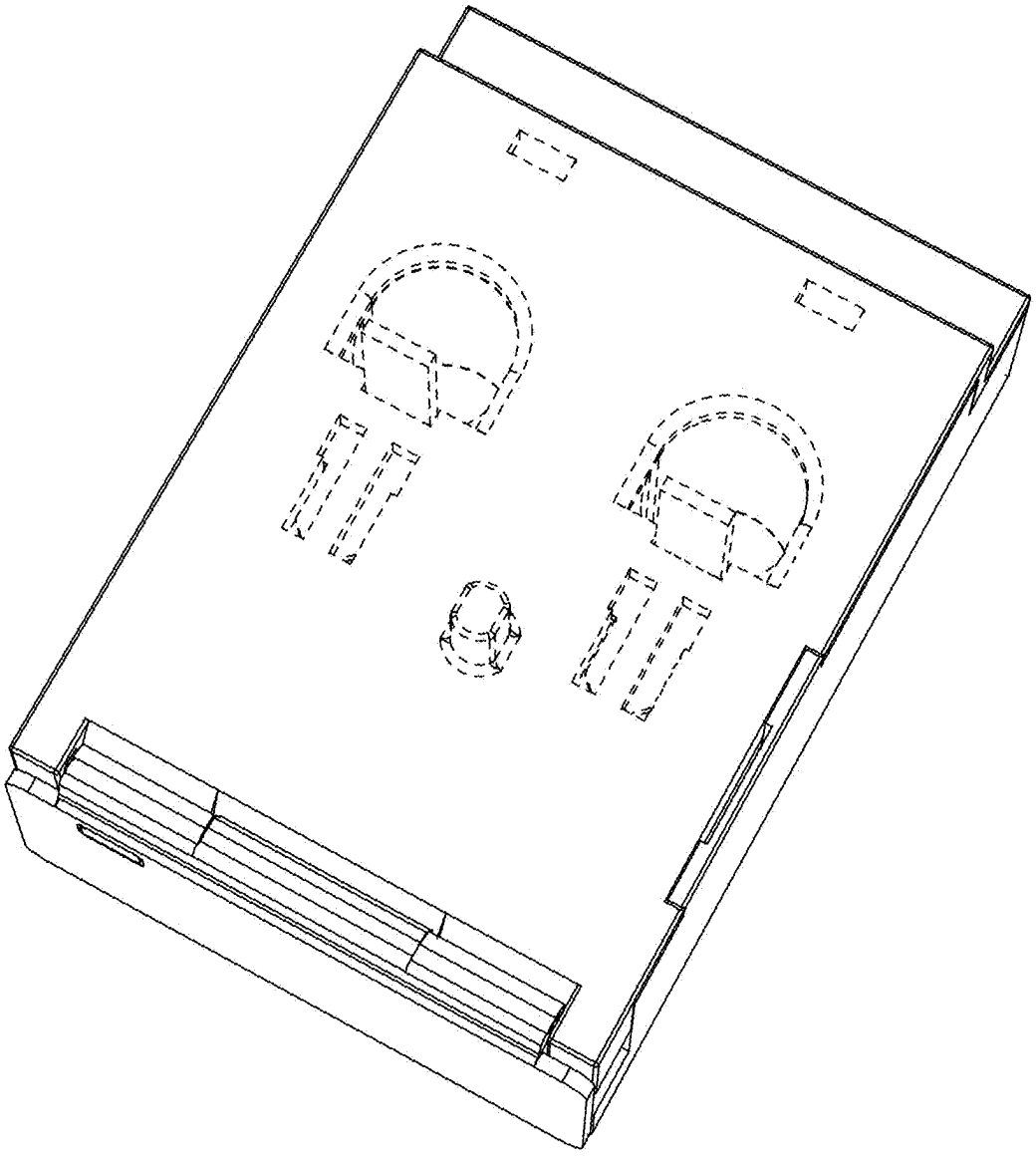

FIG. 3

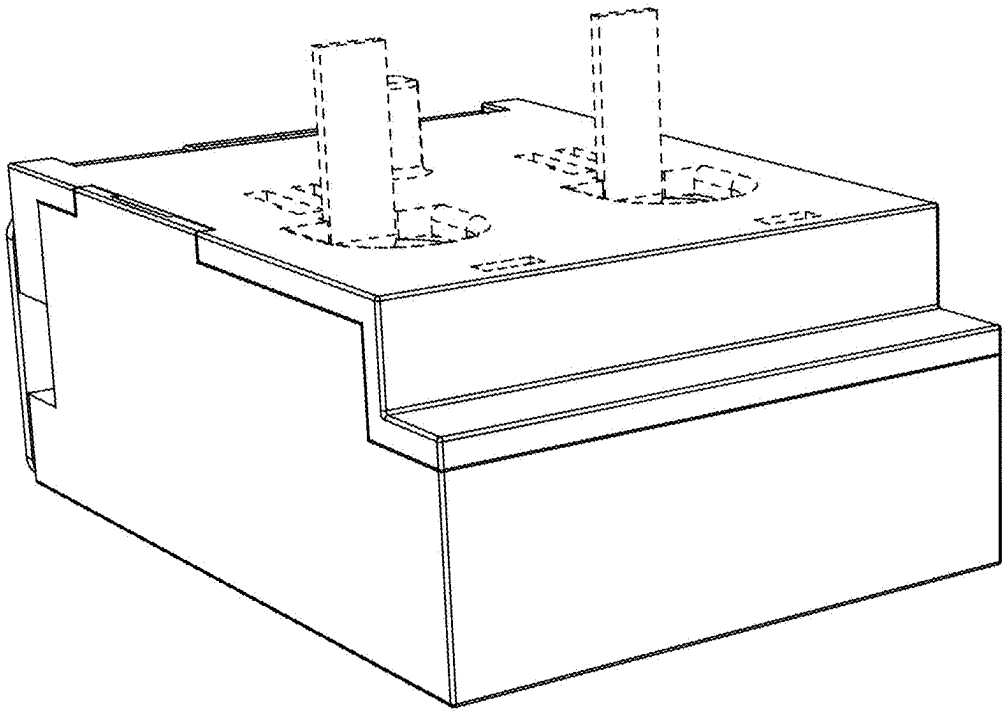

FIG. 4

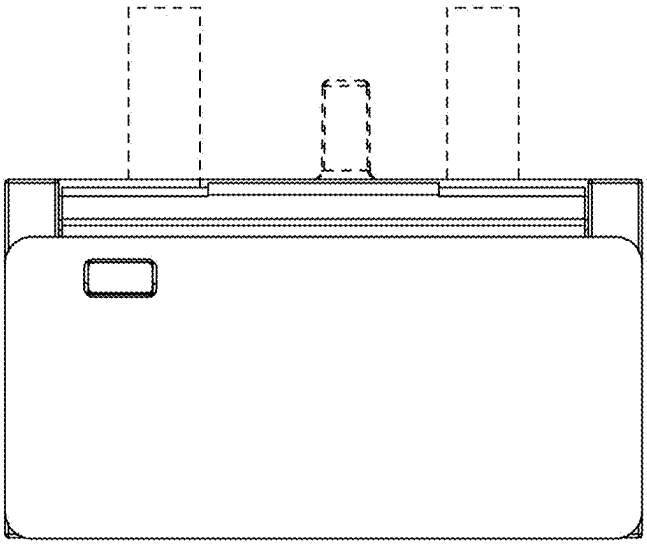

FIG. 5

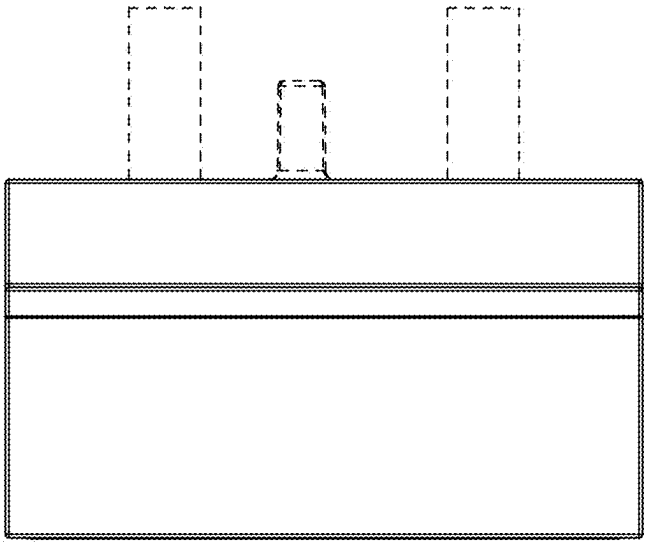

FIG. 6

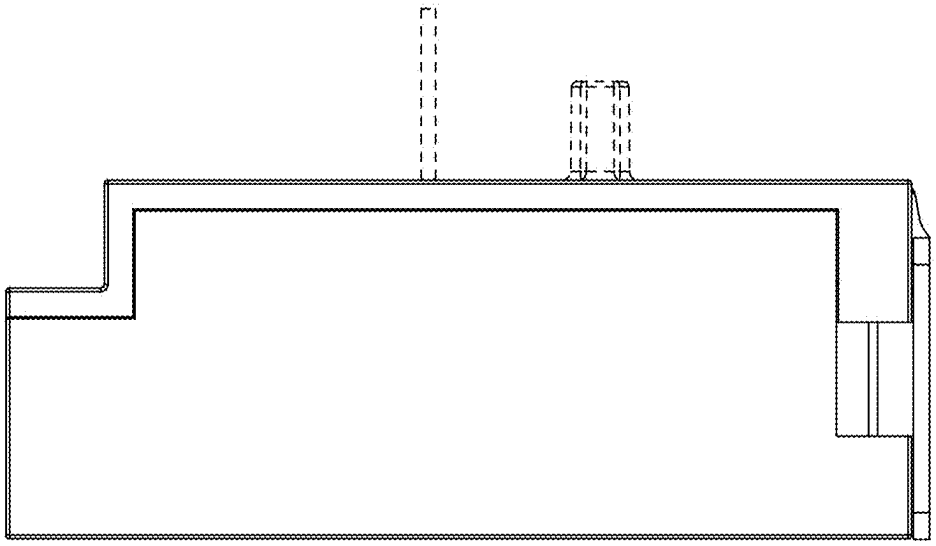

FIG. 7

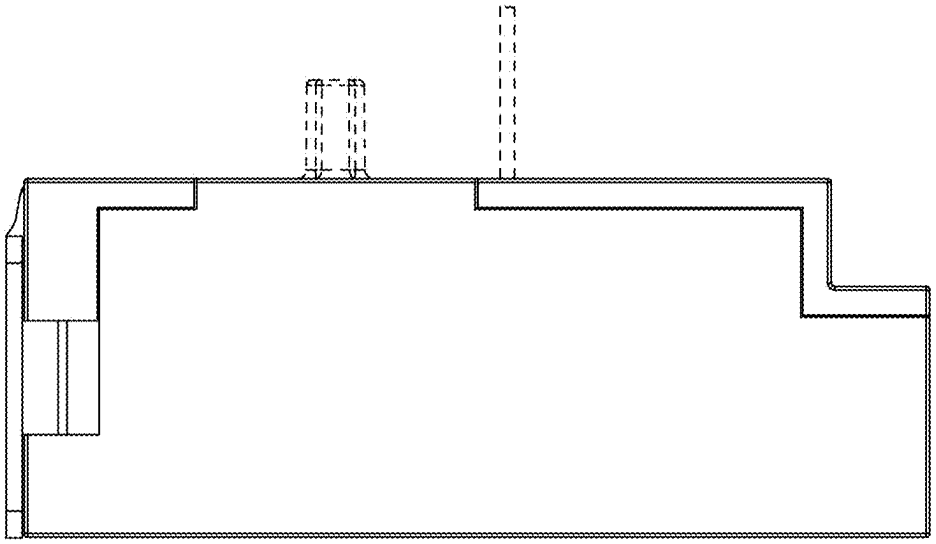

FIG. 8

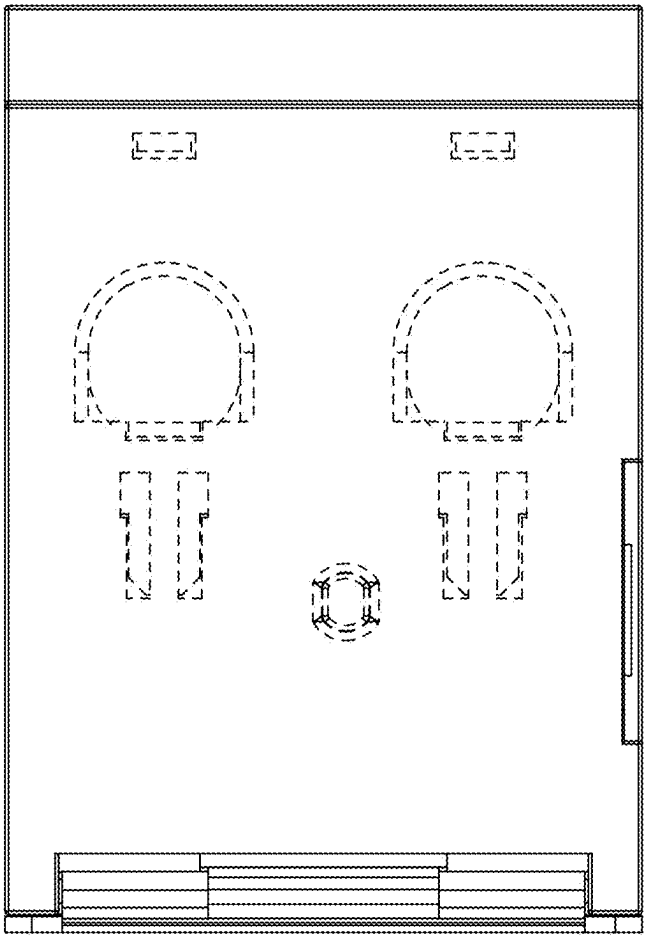

FIG. 9

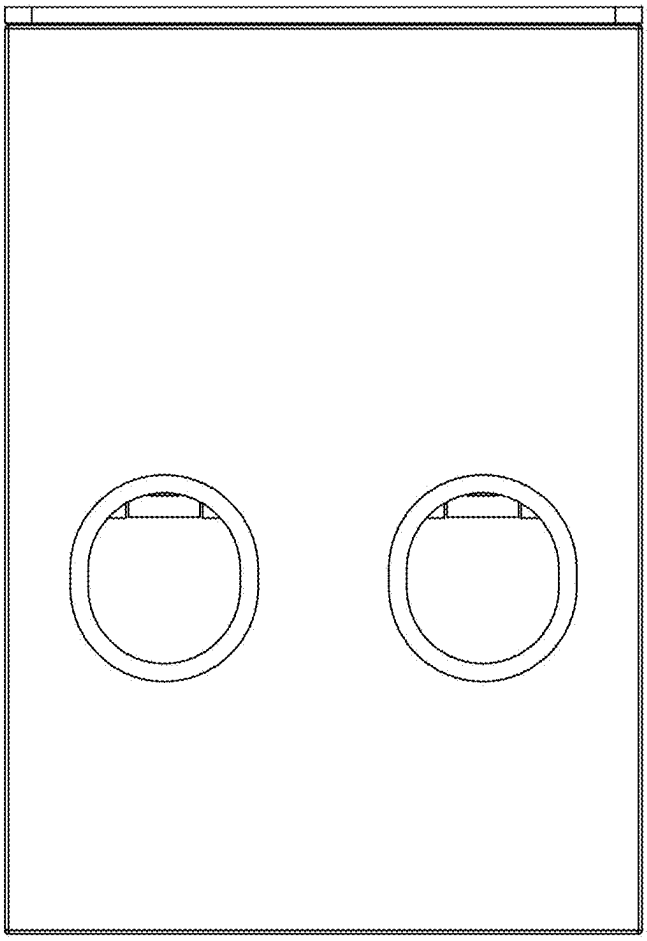

FIG. 10

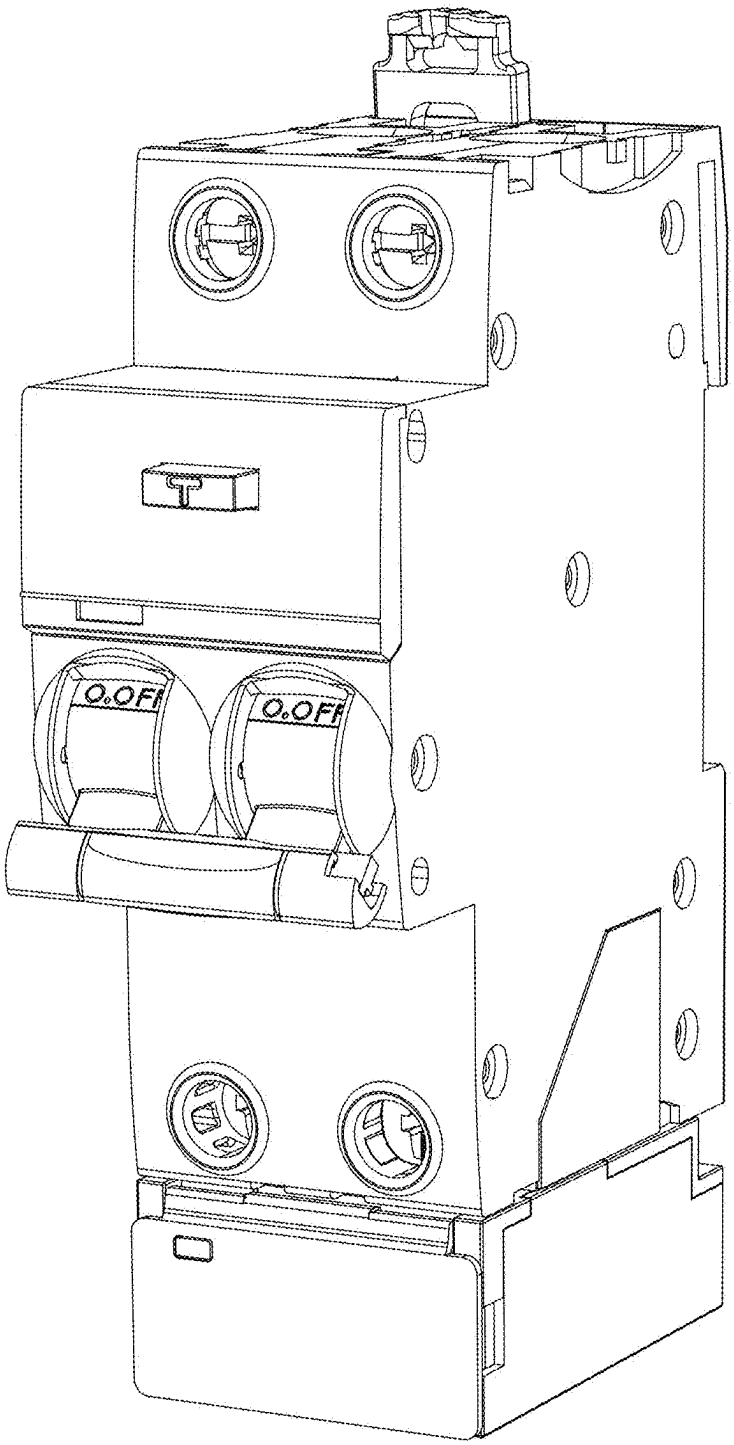

FIG. 11