

Title (en)

SAFETY RELAY WITH GUIDED CONTACT SET AND MONOSTABLE DRIVE

Title (de)

SICHERHEITSRELAIS MIT ZWANGSGEFÜHRTEM KONTAKTSATZ UND MONOSTABLEM ANTRIEB

Title (fr)

RELAIS DE SECURITE COMPORTANT UN JEU DE CONTACTS GUIDE ET UNE COMMANDE MONOSTABLE

Publication

EP 0630517 B1 19970716 (DE)

Application

EP 94905055 A 19940113

Priority

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- EP 9400089 W 19940113

Abstract (en)

[origin: US5568108A] A safety relay has a guided contact set and a monostable drive with a H-armature. The individual contacts of the set of contacts are located in separate chambers and are actuated by a common armature. In order to miniaturize the relay while having a low power consumption, a mechanically symmetrical H-armature with an asymmetrical magnetic effect is provided to ensure the monostable drive. The longitudinal axis of the H-armature is approximately parallel to the longitudinal axis of the driving coil and the axis of rotation of the H-armature is perpendicular to the longitudinal axis of the driving coil. The actuator is actuated by an actuating plate which prolongs the H-armature.

IPC 1-7

H01H 51/22

IPC 8 full level

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CPC (source: EP US)

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