

Title (en)  
SAFETY CONTACT STRIP

Title (de)  
SICHERHEITSKONTAKTLEISTE

Title (fr)  
REGLETTE DE CONTACTS DE SECURITE

Publication  
**EP 1409825 B1 20091104 (DE)**

Application  
**EP 00988649 A 20001124**

Priority  
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Abstract (en)  
[origin: US6740826B1] The invention relates to a safety contact strip (1) that is regularly used as a closing edge safely device in squeeze and shear areas, for example, gates, machines or the like, having at least two conductive switch layers (2,3) in a non-conductive closed switching chamber (4) located inside a profile (6) that forms an outer jacket (5). In order to enhance quality while preserving a relatively simple structure of said strip, the profile (6), the switching chamber (4) and the switch layers (2,3) are configured as a single piece having at least one built-in conductor (7,8). In order to ensure safe switching even in case of low switch loads and unexpected direction, the switching chamber (4) is kept free in a cross section by spoke-shaped webs (9,10,11). The invention also provides for a cap for closing the front side of the safety contact strip.

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