

Title (en)
SHORT-CIRCUITING ELEMENT FOR SERIES SUPPLY CIRCUIT

Publication
EP 0025404 B1 19831214 (FR)

Application
EP 80420103 A 19800904

Priority
FR 7923262 A 19790911

Abstract (en)
[origin: EP0025404A2] 1. Short-circuit element designed to be connected in parallel to the two terminals (B'1-B1) of a conductor device (6) and of the type normally open and becoming conductor when said device stops conducting electricity between said terminals, said element comprising, on the one hand, a static ON-OFF circuit provided with at least one component (TR1) connected by its electrodes to the terminals of the device and a control electrode (G1) and, on the other hand, a trigger control circuit connected to a terminal (B1) of the device and to the control electrode, characterized in that, in its application as short-circuit element meant to create a by-pass circuit for a conductor device (6) which is part of an assembly of conductor devices (6) connected in series between two supply terminals (4) and (5), it comprises - a static ON-OFF by pass circuit provided with at least one component (TR1) having two electrodes connected directly to the terminals (B'1-B1) of the device (6), - a trigger control circuit provided with at least one ZENER (Z1) diode having a triggering function and applying to the control electrode a triggering signal which renders the component (TR1) conductive when the voltage at the terminals of the device exceeds a predetermined threshold, - a circuit connected between the terminals (B'1-B1) in parallel to the ON-OFF circuit and comprising a member (VI) for protection against excess voltage.

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H05B 39/10

IPC 8 full level
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Cited by
FR2771587A1; DE10329082A1; FR2663183A1; FR2658974A1

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