

Title (en)

CIRCUIT PROTECTION UNIT WITH FUSE CARRIER AND FUSE STATUS INDICATOR

Title (de)

SCHALTERSICHERUNGSEINHEIT MIT SICHERUNGSHALTER UND SICHERUNGS-ZUSTANDSMELDER

Title (fr)

UNITE COUPE-CIRCUIT COMPORTANT UN SUPPORT DE FUSIBLE ET UN INDICATEUR D'ETAT DE FUSIBLE

Publication

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Application

EP 00976013 A 20001108

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Abstract (en)

[origin: WO0139233A1] The invention relates to a circuit protection unit with two terminal contacts in which a fuse carrier (20) for receiving a fuse insert (30) with a top contact (31) and a base contact (32) can be inserted. A first terminal contact (60) of the circuit protection unit (10) can be linked with a bridge element (81) with a first of the contacts (31) of the fuse insert (30) via a controlled interrupter contact (80). The fuse carrier (20) or the circuit protection unit comprises a fuse status indicator (40) with two contacts (42, 43) for an electric connection to the terminal contacts (60, 70) of the circuit protection unit (10). A first contact (42) of the fuse status indicator (40) is linked directly and exclusively with the bridge element (81) via an electroconductive connection (91, 92, 82) and a second contact (43) of the fuse status indicator (40) is directly connected to an electroconductive connection (50, 51, 52, 53, 71) with the second terminal contact (70) of the circuit protection unit (10). The inventive unit is highly flexible in terms of the arrangement of the elements, it has a high operational reliability and a high resistance to wear.

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Cited by

JP2008518422A; US7495540B2; WO2006047047A3; US7474194B2; US7924136B2; US8134828B2; US8089335B2; US8988183B2; US7561017B2

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