

Title (en)
Fuseholders

Title (de)
Sicherungshalter

Title (fr)
Porte-fusible

Publication
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Application
EP 98302950 A 19980416

Priority
GB 9714457 A 19970708

Abstract (en)

An electrical fuseholder (16, 40) is adapted for use with a rail-mounted electrical terminal block (14, 70). The fuseholder (16, 40) comprises an insulating plastics housing (26, 41), a portion (26a, 44) of the housing (26, 41) being formed with a cavity (28, 45) for a cartridge fuse (30, 46). Two conductor elements (32, 34, 47, 48) are mounted to the housing (26, 41). One portion (32a, 34a, 47a, 48a) of each conductor element (32, 34, 47, 48) forms a respective one of two contacts for the fuse (30, 46). Another portion (32b, 34b, 47b, 48b) of each conductor element (32, 34, 47, 48) forms a respective one of two external contacts of the fuseholder (16, 40), for plugging into the terminal block (14, 70) and making electrical contact with two corresponding internal electrical contacts of the terminal block (14, 70). The terminal block (14, 70) and the fuseholder (16, 40) are adapted so that the fuseholder (16, 40) can be plugged into the terminal block (14, 70) selectively one way round or an opposite way round, relative to an axis (25) of the fuseholder (16, 40). The portion (26a, 44) of the housing (26, 41) formed with the cavity (28, 45) for the cartridge fuse (30, 46) is located wholly to one side of said axis (25), whereby, in use, two mutually adjacent such fuseholders (16, 40), plugged opposite ways round into mutually adjacent, stacked, terminal blocks (14, 70) mounted on a mounting rail (12, 71), become stacked together so that said portion (26a, 44) of the housing (26, 41) formed with the cavity (28, 45) for the cartridge fuse (30, 46) of each fuseholder (16, 40) is located to one side of said portion (26a, 44) of the housing (26, 41) formed with the cavity (28, 45) for the cartridge fuse (30, 46) of the other fuseholder 16, 40), enabling the pitch (x mm) to be 5 mm of a stack of fuseholders (16, 40) containing 5 mm diameter cartridge fuses (30, 46). A lid (42) may be hinged to the housing (41).
<IMAGE>

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H01R 9/26

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Cited by
DE202007005373U1; US6930585B2; DE102006003064B4; DE102004019603A1; EP1381068A1; DE102004017179B4; DE10324688B4; DE29909766U1; EP1113525A3; US7658653B2; EP1981056A2

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