

Title (en)
Selective automatic safety switch

Title (de)
Selektiver automatischer Sicherheitsschalter

Title (fr)
Interrupteur de sécurité automatique sélectif

Publication
EP 0550927 B1 19980415 (EN)

Application
EP 92203845 A 19921209

Priority
NL 9102057 A 19911210

Abstract (en)
[origin: EP0550927A1] Safety switch for the selective protection of electrical installations, comprising a self-closing first switching unit (12) and a first actuation device (13) interacting with the latter for undelayed opening of the first switching unit (12) in the case of a short-circuit current, a second switching unit (17) connected in series with the first switching unit (12) and a second actuation device (20) interacting with the second switching unit (17) for delayed opening of the second switching unit (17) in the case of an overload current, and a third actuation device (24) interacting with the second switching unit (17) for delayed opening of the second switching unit (17) in the case of the occurrence of a short-circuit current, which third actuation device (24) is connected to a shunt path (26) which comprises current-limiting means (27) and which bridges at least the first switching unit (12). Because the first switching unit (12) is provided with delay means (28) for keeping said first switching unit (12) open for an adjustable period of time, the switch-selective action of the safety switch can be accurately set. <IMAGE>

IPC 1-7
H01H 71/10; **H01H 71/44**

IPC 8 full level
H01H 71/10 (2006.01); **H01H 71/44** (2006.01)

CPC (source: EP)
H01H 71/1081 (2013.01); **H01H 71/40** (2013.01); **H01H 71/446** (2013.01)

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