

Title (en)
ELEVATOR DOOR WITH A DOOR CONTACT SWITCH

Title (de)
AUFZUGSTÜR MIT EINEM TÜRKONTAKTSCHALTER

Title (fr)
PORTE D'ASCENSEUR DOTÉE D'UN COMMUTATEUR DE CONTACT DE PORTE

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Abstract (en)
[origin: WO2014191379A1] The invention relates to a switching device (4) for an elevator door (2) for providing a door contact signal (S). The switching device (4) comprises a magnet (20), a plurality of proximity sensors (22a, 22b; 22c, 22d), and a detection area (DR), which is adjoined by the proximity sensors (22a, 22b; 22c, 22d) and in which the magnet (20) can be moved. A sensor signal (24a, 24b, 24c, 24d) can be generated by each of the proximity sensors (22a, 22b; 22c, 22d) in at least one position of the magnet (20) in the detection area (DR), wherein the sensor signals (24a, 24b, 24c, 24d) are dependent on the distance from the magnet (20) to the proximity sensors (22a, 22b; 22c, 22d). The invention also relates to a method for providing a door contact signal (S) by means of said switching device (4).

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