

Title (en)

DEVICE AND METHOD FOR CONTROLLING A SWITCH DRIVE OF AN ELECTRIC SWITCH

Title (de)

VORRICHTUNG UND VERFAHREN ZUM STEUERN EINES SCHALTERANTRIEBS EINES ELEKTRISCHEN SCHALTERS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE COMMANDE D'UN MÉCANISME D'ENTRAÎNEMENT D'UN COMMUTATEUR ÉLECTRIQUE

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Application

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Abstract (en)

[origin: WO2012095367A1] The invention relates, inter alia, to a device (4) for controlling a switch drive (M) of an electric switch with a control apparatus (10), which is suitable for evaluating an input signal, which is present at a binary input (6a, 6b, 6c) of the device (4) on the input side and which is produced by means of an external operating voltage (Usk), and for controlling the switch drive (M) according to the input signal present on the input side. According to the invention, the device (4) has a reference voltage circuit (50), which is suitable for creating an internal reference voltage (Ui) by means of the external operating voltage (Usk), the device has a pre-processing apparatus (70, 71, 72), which is suitable for producing a binary signal (B70, B71, B72) by means of the input signal present at the binary input (6a, 6b, 6c), the logic level of said binary signal depending on the level of the input signal and the level of the reference voltage (Ui), and the control apparatus (10) of the device (4) is connected indirectly or directly to the pre-processing apparatus (70, 71, 72) and evaluates the binary signal (B70, B71, B72) of the pre-processing apparatus (70, 71, 72).

IPC 8 full level

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