



ÉMI-TÜV

EU-TYPE EXAMINATION CERTIFICATE

According to Annex IV, Part A of 2014/33/EU Directive

Certificate No: F-0190/2017

Certificate Body of the Notified Body: ÉMI-TÜV SÜD Ltd.
Dózsa György út 26.
H-2000 Szentendre
Identification No. 1417

Certificate holder: ShenYang Bluelight Automatic Technology Co., Ltd.
No.37 Shiji Road, Hunnan New District, Shenyang,
P.R. CHINA

Manufacturer of the test sample: ShenYang Bluelight Automatic Technology Co., Ltd.
No.99 ChuangXin 1st Road, Hunnan New District,
Shenyang, P.R. CHINA

Product: PCB, Releveling board

Type: SJT-ZPC-V2A

Directive: 2014/33/EU

Reference Standards: EN 81-20:2014
EN 81-50:2014

Test report: F-0190/2017 of 2017-04-14

Outcome: The safety circuit conforms to the essential health and safety requirements of the mentioned Directive as long as the requirements of the annex of this certificate are kept.

Place and date of issue of the Certificate: Szentendre, Hungary
19th of April 2017.



Bartucz, Miklós
NB - 1417

Annex to the EC type-examination certificate F-0190/2017

1. Scope of application:

1.1. Re-leveling and Advance Open Door function can be achieved by detecting Up and Down re-leveling zone signals at effective area (Unlocking zone), and cooperating with speed detection of elevator main board to short door circuit. SJT-ZPC-V2A can detect if unintended car movement is out of safety zone by testing if up and down re-leveling zone signals are effective (Unlocking zone).

1.2. Working ratings:

1.2.1. Nominal voltages:

1.2.1.1. Safety circuits: 110 V_{AC} / 250 V_{AC}
(I_{max} = 5 A)

1.2.1.2. Power: 24 V_{DC} (400 mA)

1.2.1.3. Door zone and re-leveling input: 24 V_{DC}

1.2.2. Temperature: -20°C to +65°C

1.2.3. Humidity: < 95%, no water drop

1.2.4. Protection level (single plate): None

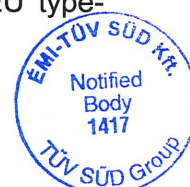
Keep it away from conductive material, corrosive gas, flammable gas, metal powder, oil fog and dust.

1.3. Mounting requirements:

SJT-ZPC-V2A Safety Board has to be mounted according to the manufacturer instructions.

2. Remarks:

2.1. In order to provide identification and information about the basic design and its functioning and to show the environmental conditions and connection requirements pertaining to the type tested and approved by certification body the drawing of SJT-ZPC-V2A Safety Board, stamped with ÉMI-TÜV, is to be enclosed with EU type-examination certificate and the Annex thereto.



- 2.2. The EU type-examination certificate may only be used in connection with the pertinent Annex.
- 2.3. Declaration of Conformity according to the 2014/33/EU Directive Annex II, furthermore conducting of "C" module according to Annex IX or application of "E" module according to Annex VI are necessary to be placed the product on the market.
- 2.4. ÉMI- TÜV SÜD must be informed of any changes concerning the products compared to the certified version.
- 2.5. The certificate may lose its validity if the requirements are modified.

SJT-ZPC-V2A

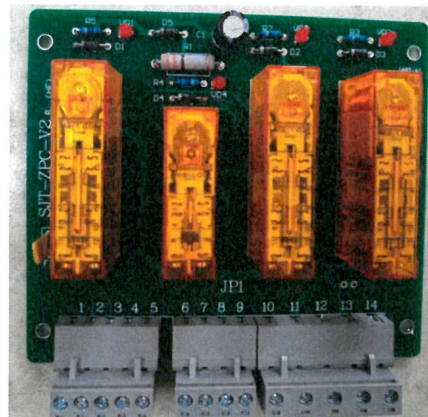


Figure 1.: SJT-ZPC-V2A Appearance

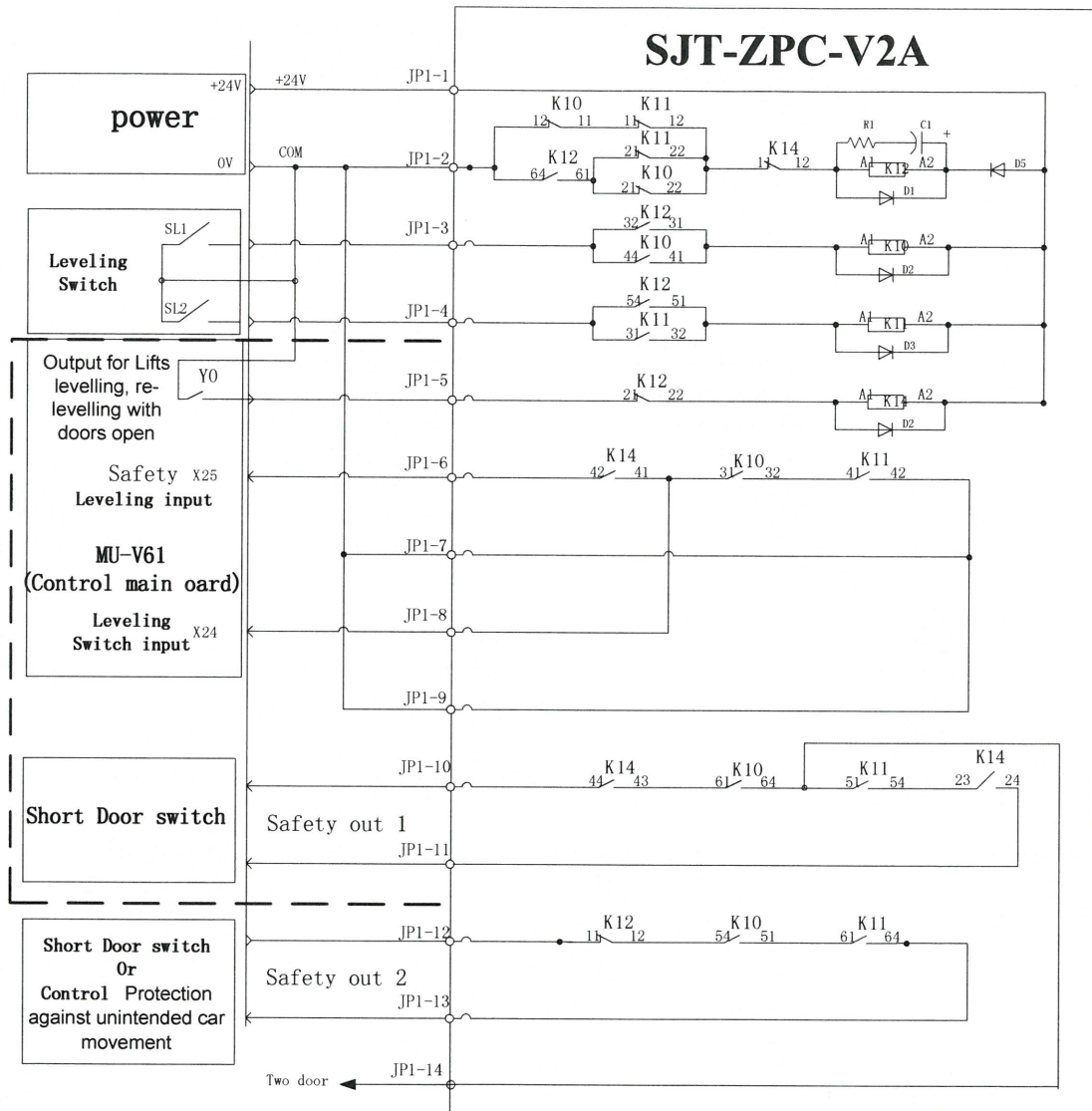


Figure 2: System composition diagram

