SJEC	**Modify Instruction**	Dep. : Electrical Dep. No : Q2009001 Page: 1 / 4 Version: A
Contract No.	PCS-200B / MPS-200B Escalator control system	

Considering the capability of EPD is unstable, we suggest you to cancel it, meanwhile replace the RD1 breaker with Leakage current type.

The Modify instruction as follow

1. Modify the circuit, please remove EPD and use new breaker to replace original unit.

The new breaker parameter:

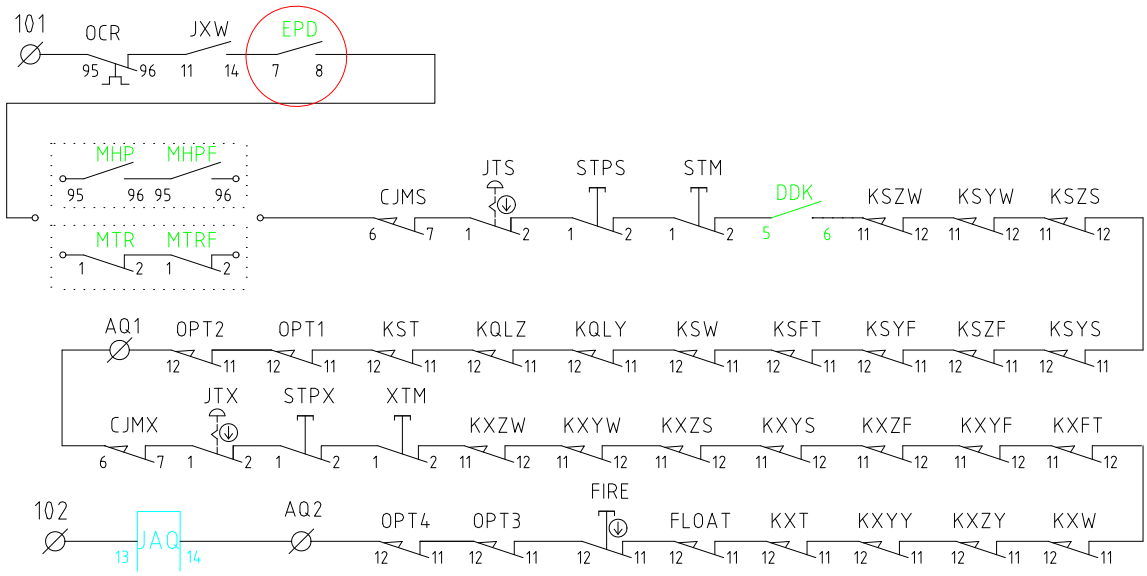
Number of poles: 2P (1P+N)

Rated current: 6A

Leakage current: 30mA

Our recommend type is DZ47LE-32/1P+N C6 50mA (DELIXI)

2. Remove the wires which connect to EPD: 7 and EPD: 8, short (jump) these 2 wires. These 2 wires should be in series of the safety loop.

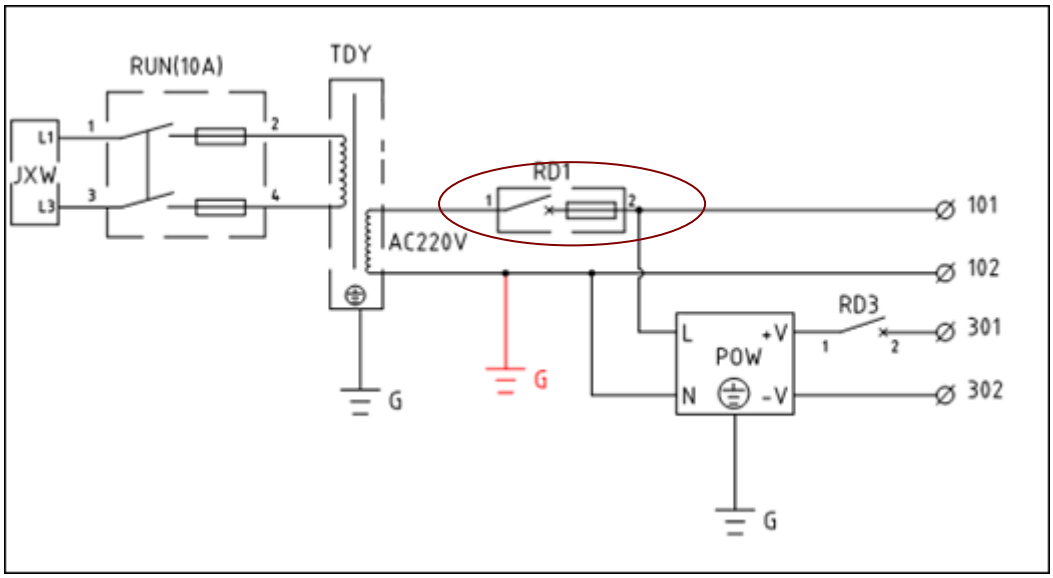


3. Diagram

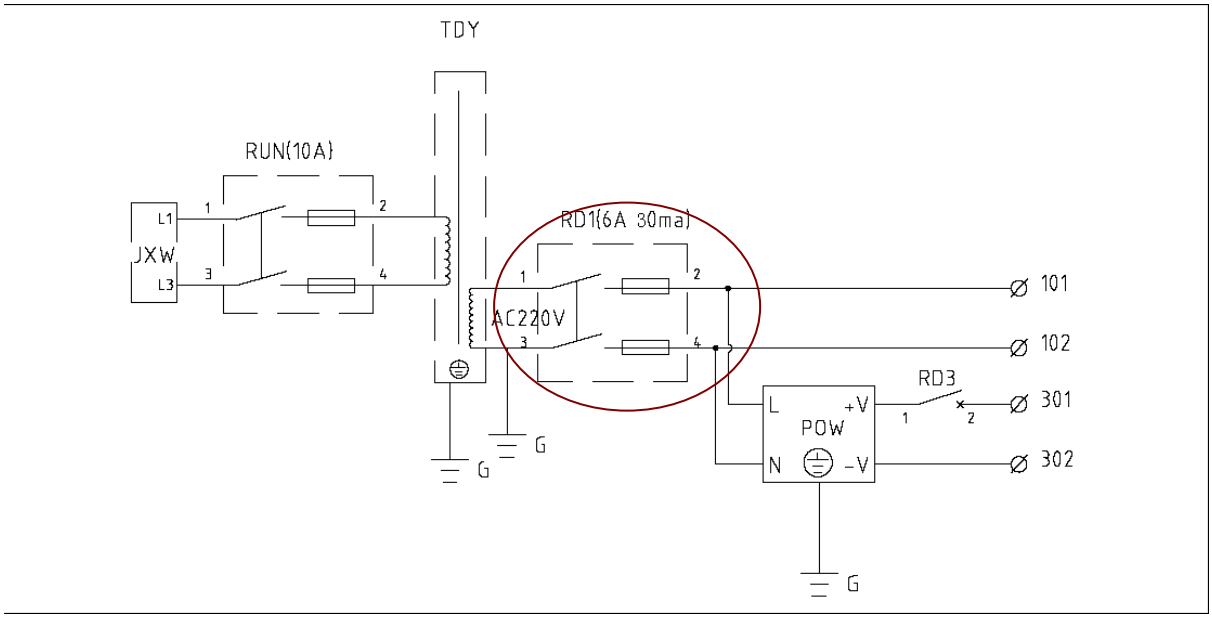
Original diagram

Designed	Wei.Zhao	**Checked**		**Approved**		**Date**	2014-7-4

Contract No.	PCS-200B / MPS-200B Escalator control system



New diagram



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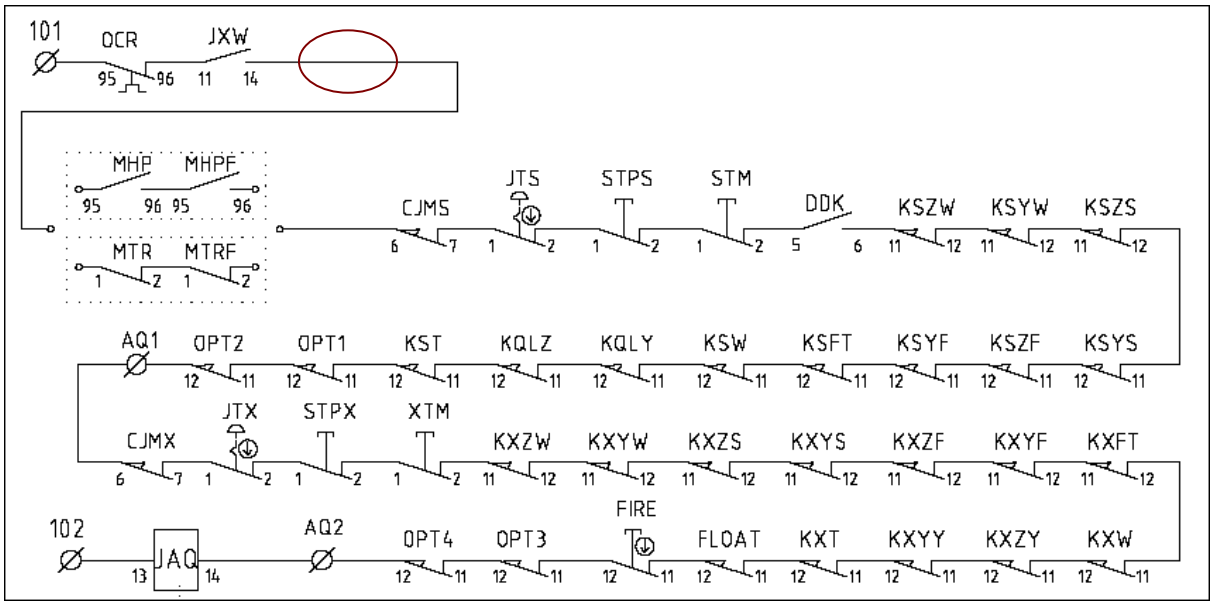


4. Modify method:

4.1 Remove following cables

17	TDY:220L	——	RD1:1
18	RD1:2	——	terminal:101
19	TDY:220N	——	terminal:102

4.2 Change the breaker with new one.

4.3 Added cables

TDY:220L	——	RD1:1
RD1:2	——	terminal:101
RD1:N'	——	terminal:102
TDY:220N	——	RD1:N

4.4 Check whether terminal:101 connect to the earth, if not ,add one cable

TDY:220N	——	terminal:G

5. Test method:

Terminal: 101 connect to earth

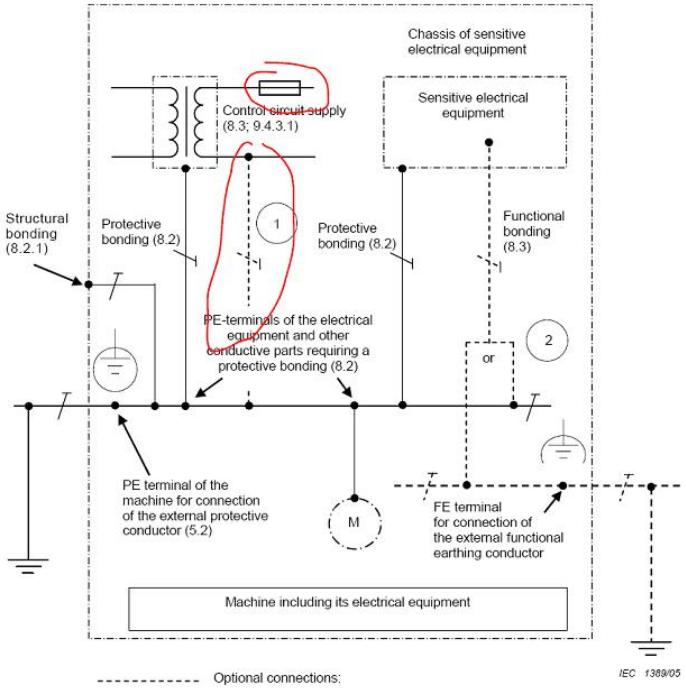
6. Test result:

The new breaker will act

Note:

This modification will not cause any problem concerning the safety. The over current or earth leakage function is still working even without this EPD. This is according to IEC 60204 recommended method.

Designed	Wei.Zhao	**Checked**		**Approved**		**Date**	2014-7-4



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