Complete Set of Electrical Details of The Escalator

In the following form, please tick "√" in □ if necessary

Basic Parameters

***Escalator Brand:** ☐OTIS ☐Mitsubishi ☐Kone ☐Jiangnan ☐Kangli ☐Other model _____

***Types of Escalator:** ☐Escalator ☐Moving walk

***Protection Grade:** ☐ IP 21 (indoor) ☐ IP 54 (outdoor)

***Ladder Speed:** _____m / s

***Drive Mode:** ☐ Y/△ ☐Other_____

***Control Mode:** ☐Microcomputer board ☐PLC ☐Relay ☐Others_____

***Lifting Height:** _____m (involving additional brakes, please specify in the functional requirements

***Number Quanity:** _____ (If there is a difference in configuration, please fill in this parameter table again)

Main Motor

***Drive Model:** ☐Single drive motor ☐Multiple drive motors (two or three)

***Traction Machine Manufacturer:** _____

***Motor Manufacturer:** _____

***Rated Power:** _____ **KW**	***Rated Voltage:** _____ **V**
***Nominal Frequency:** _____	***Rated Current:** _____ **A**
***Rated Speed:**_____ **r / min**	***Power Factor:** _____

***Wiring Mode:** ☐Delta connection (△) ☐Star connection (Y)

*If it is a permanent magnet synchronous motor, you need to fill in the "Non-standard Confirmation Form" to confirm with the company for technical confirmation.

Transformation method

If using energy-saving cabinets (keep the original control cabinet), please fill in the parameters

*Main contactor (upper, lower) coil voltage: ☐AC 220V ☐AC 110V ☐DC 24V ☐Other_____

*Safety circuit voltage level: ☐AC 220V ☐AC 110V ☐DC 24V ☐Other_____

If you use a new control cabinet to replace the original control cabinet as a whole, please fill in the parameters

*Brake type: ☐Direct current (DC) (default) ☐Alternating current (AC) ☐Other_____

*Brake voltage: ☐110 V (default) ☐ 220 V ☐ Other_____

*Brake current: _____A (the default standard configuration is 1.5 A)

Brake function: ☐ No need (there is no such function by default)

☐ Start-up voltage required_____V Maintaining voltage_____V

Dimensions of our standard control cabinet: 580*710*250 mm (width*height*thickness)

*In order for our company to provide you with a more comprehensive technical transformation plan and support, please provide the original control cabinet schematic diagram and relevant on-site survey photos.

Functional requirements	***Loop Mode:** ☐ Fast-slow (fast when there are people, slow when there are no one) ☐ Fast-slow-stop (fast when there are people, slow first when there is no one, and finally stop
	***Drive Mode:** ☐ Bypass frequency conversion (no braking resistor) ☐ Full frequency conversion (with braking resistor)
	***Anti-reversal Protection:** ☐ Mechanical reverse rotation detection switch ☐ Through two speed measuring probes, detection of phase A and phase B is realized
	***Optional Features:** ☐ Automatic refueling (an additional oil pump is required) ☐ Additional brake (an additional brake is required)
	***Emergency Backup:** ☐ Handrail speed measurement (requires an external handrail speed measurement probe) ☐ Lost steps (requires an external step loss detection probe)
	The default standard configuration is emergency backup function (when the photoelectric sensor or variable frequency drive fails, manually switch to Y- △ operation)

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