



MT70 Integrated Elevator controller

1 phase 200 - 240V..... 2.2 - 3.7kW
3 phase 200 - 240V..... 3.7 - 30kW
3 phase 380 - 460V..... 5.5 - 45kW

SEP 2016

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Product Introduction



New Generation Integrated Elevator controller MT70



Specification

Phase	Voltage	Power	Width(mm)	Length(mm)	Weight(KG)
1	200~240V	2.2~3.7kW	200~380	299~598	4.8~34.6
3	200~240V	3.7~30kW			
3	380~460V	5.5~45kW			

Electrical

Input voltage	1 phase 200 - 240 V 3 phase 200 - 240 V 3 phase 380 - 460 V fluctuating within $\pm 10\%$, imbalance rate $< 3\%$
Input frequency	50/60Hz $\pm 5\%$
Output voltage	0- Input voltage
Output frequency	0 - 100.00Hz

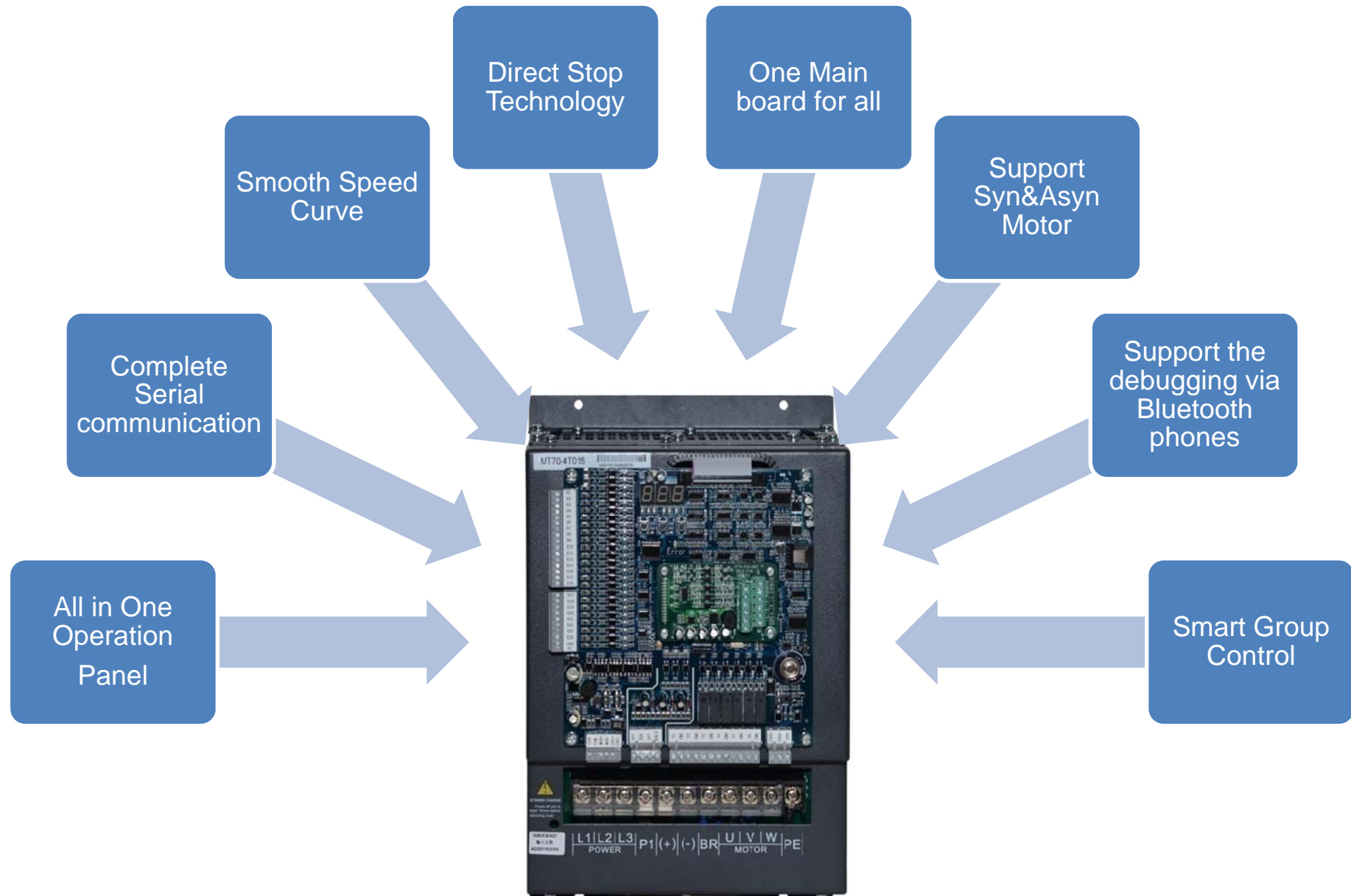
Input / output

Analog inputs	AI: Voltage -10 - +10 V
Digital inputs	X1 - X24
High voltage inputs	X25 - X27
Relay outputs	Y1 - Y6 Contact ratings: 250VAC/3A or 30VDC/1A

Characteristic

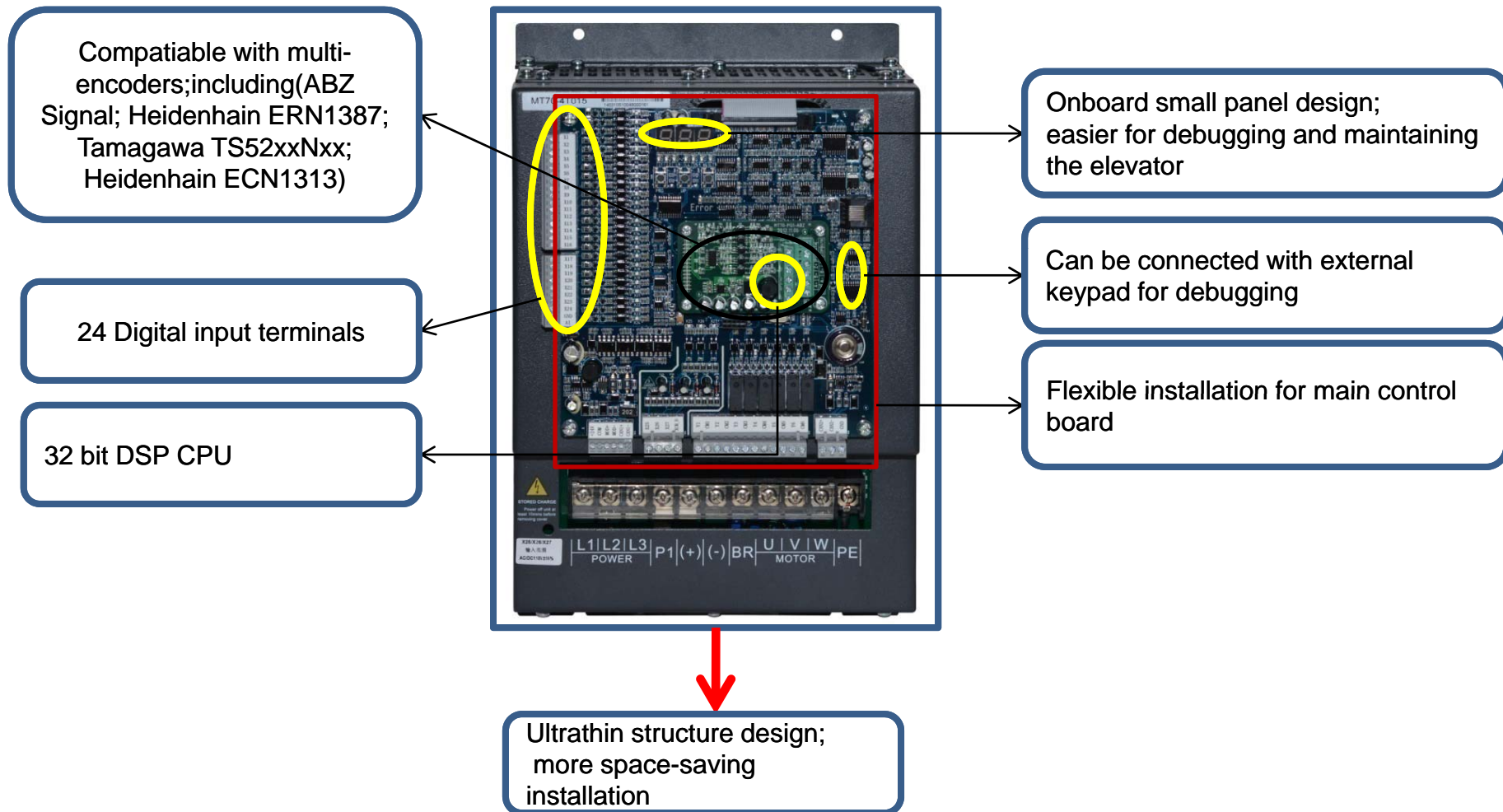
Floor	Maximum 48 floors
Run speed	Maximum 4m/s
Group control	up to 8 elevators
Communication	CAN, Modbus

Advantages of Integrated elevator controller

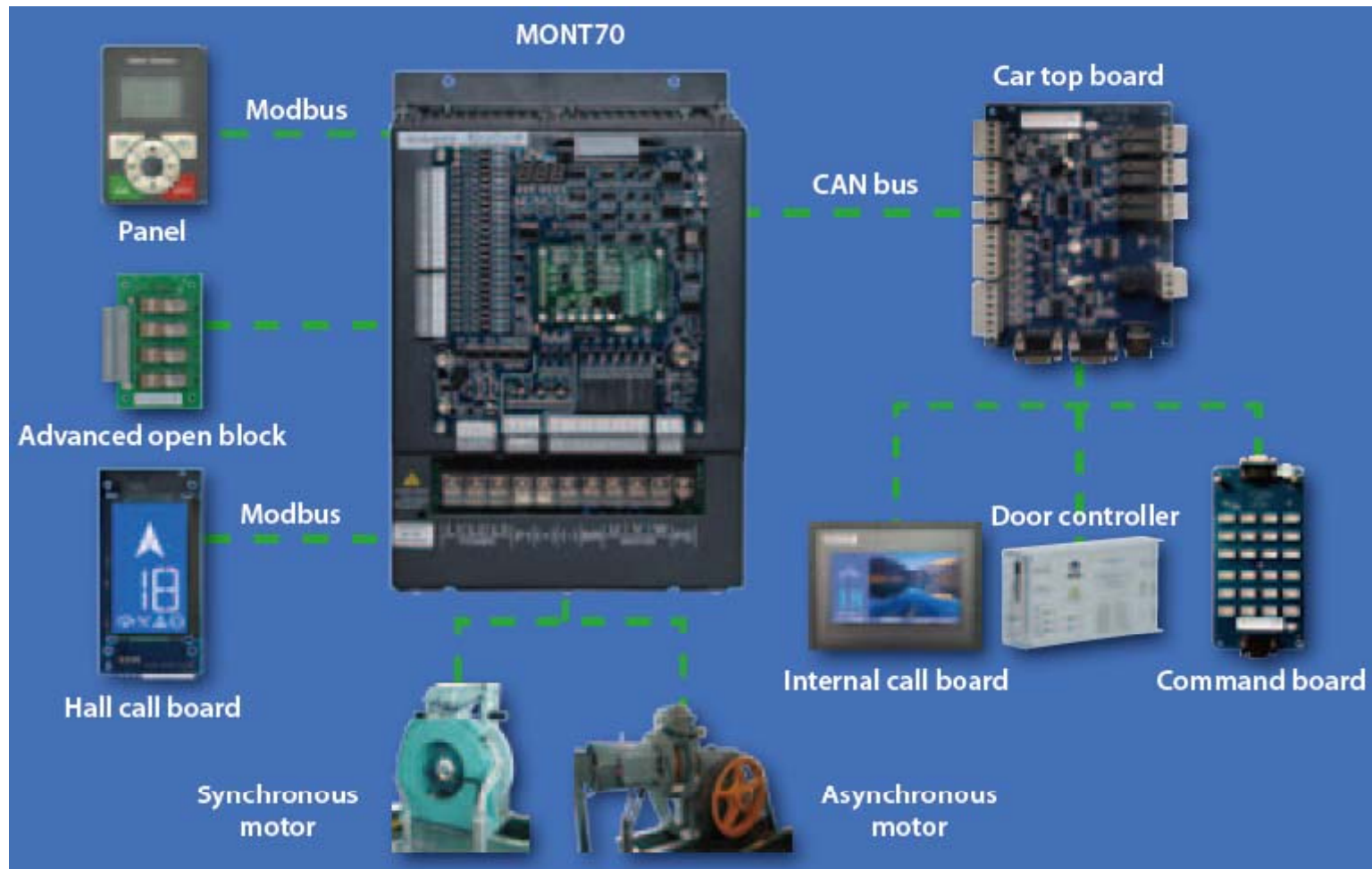


Integrated elevator controller MT70

Elegant Structure design



Complete system



Advanced function built-in the system:

- 1, Integrate the CAN, the Modbus and other communication technologies;
- 2, Automatic identification grid voltage technology;
- 3, Two cables can make two elevators in parallel;
- 4, Three high voltage inputs of 110 - 220VAC/DC;
- 5, One press on keypad to reset the fault;
- 6, Serial communication with CTB.

CE Certificate



Declaration of Conformity

The submitted sample of the following equipment has been tested for CE marking according to the Low Voltage Directive 2014/35/EU. It is possible to use CE marking to demonstrate the compliance with this Directive.

Applicant name & address : Shenzhen Hpmont Technology Co., Ltd
3F, Building 28, Wangjingkeng Industry Park, Xili Dakan, Nanshan District, Shenzhen, China

Manufacturer & address : Shenzhen Hpmont Technology Co., Ltd
3F, Building 28, Wangjingkeng Industry Park, Xili Dakan, Nanshan District, Shenzhen, China

Product : Elevator Integrated Controller

Model/Type reference : MT70-4T7P5; MT71-4T7P5

Trade mark :



Ratings : Model: MT70-4T7P5; MT71-4T7P5; Input: 3PH, 380-460V, 50/60Hz, 20A; Output: 3PH, 0-460V, 0-100Hz, 18A, 7.5KW

Order No./ Report No. : EED31H001095-2R1/EED31H001095-2

Test Standard(s) : EN 61800-5-1: 2007
Adjustable speed electrical power drive systems — Part 5-1:
Safety requirements — Electrical, thermal and energy

This Declaration is for the exclusive use of CTI's Client and is provided pursuant to the agreement between CTI and its Client. The observations and test results referenced from this Declaration are relevant only to the sample tested. This Declaration by itself does not imply that the material, product, or service is or has ever been under an CTI certification program.

Note 1: This Declaration is part of the full test report(s) and should be used with it.

Note 2: This Declaration displaces the original declaration of No. EED31H001095-2, and No. EED31H001095-2 was invalid since the date of this declaration released.



Amo liu

Amo liu

Lab Supervisor

Date: Jul. 13, 2015

Check No.: 2135124950

CENTRE TESTING INTERNATIONAL GROUP CO., LTD.

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

www.cti-cert.com E-mail: info@cti-cert.com

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CE Certificate Report



TEST REPORT IEC 61800-5-1

Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy

Report Reference No. : EED31H001095-2

Date of issue : 2015-07-06

Total number of pages : 32

Testing Laboratory : Centre Testing International Group Co., Ltd.

Address : Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

Applicant's name : Shenzhen Hpmont technology Co., Ltd

Address : 3F, Building 28, Wangjingkeng Industry Park, Xili dakan, Nanshan District, Shenzhen, China.

Test specification:

Standard : IEC 61800-5-1: 2007 (2nd Edition)

Test procedure : CE-LVD

Non-standard test method : N/A

Test Report Form No. : IEC61800_5_1B

Test Report Form(s) Originator : SGS FIMKO Ltd.

Master TRF : 2008-05

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This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

Test item description : Elevator Integrated Controller

Trade Mark :



Manufacturer : Same as applicant

Model/Type reference : MT70-4T7P5; MT71-4T7P5;

Ratings : See product general information

Check No: 2135124950

Business Partner



Schindler



Royal Villa



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