



MT71 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

Contents



Contents

I

Product Introduction

II

Advanced Function

III

Certificates

IV

Major Customers



Product Introduction



New Generation Integrated Elevator controller MT71



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 |

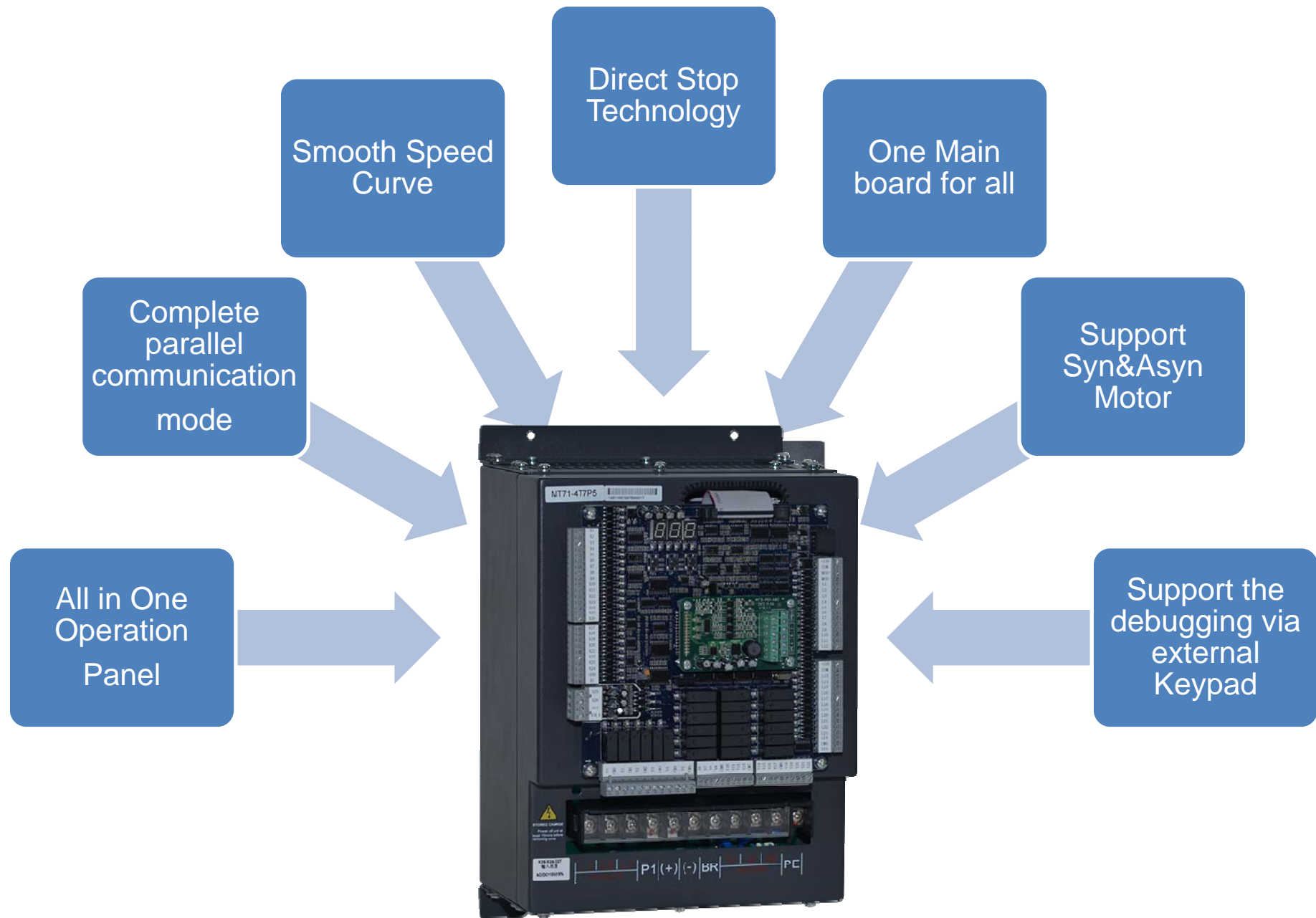
Input / output

| | |
|---------------------|---|
| 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

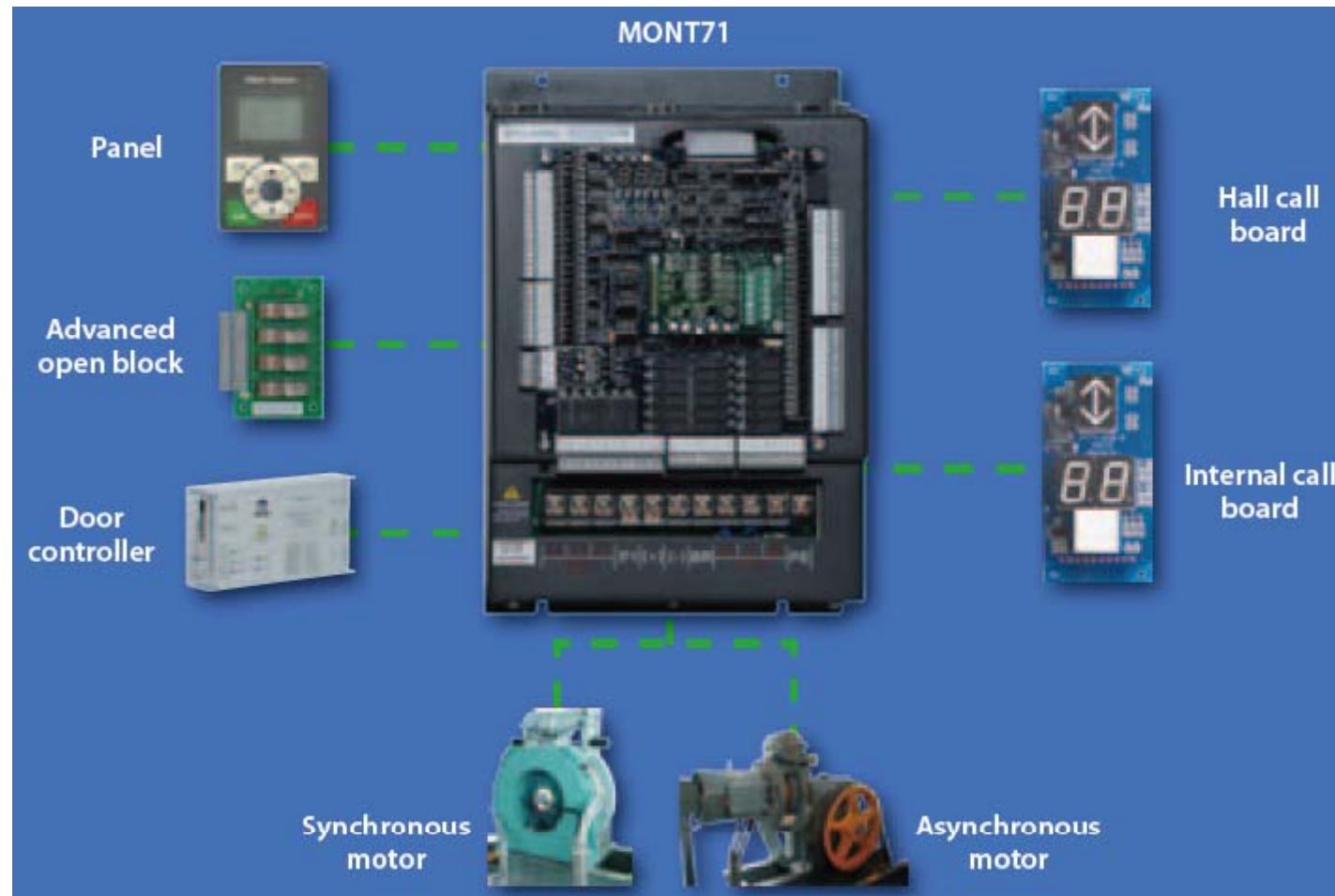
| | |
|---------------|--|
| Floor | Maximum 16 floors(<i>need expansion card from 9 floors to 16 floors</i>) |
| Run speed | Maximum 1.5m/s |
| Communication | Parallel communication |

Advantages of Integrated elevator controller



Integrated elevator controller MT71

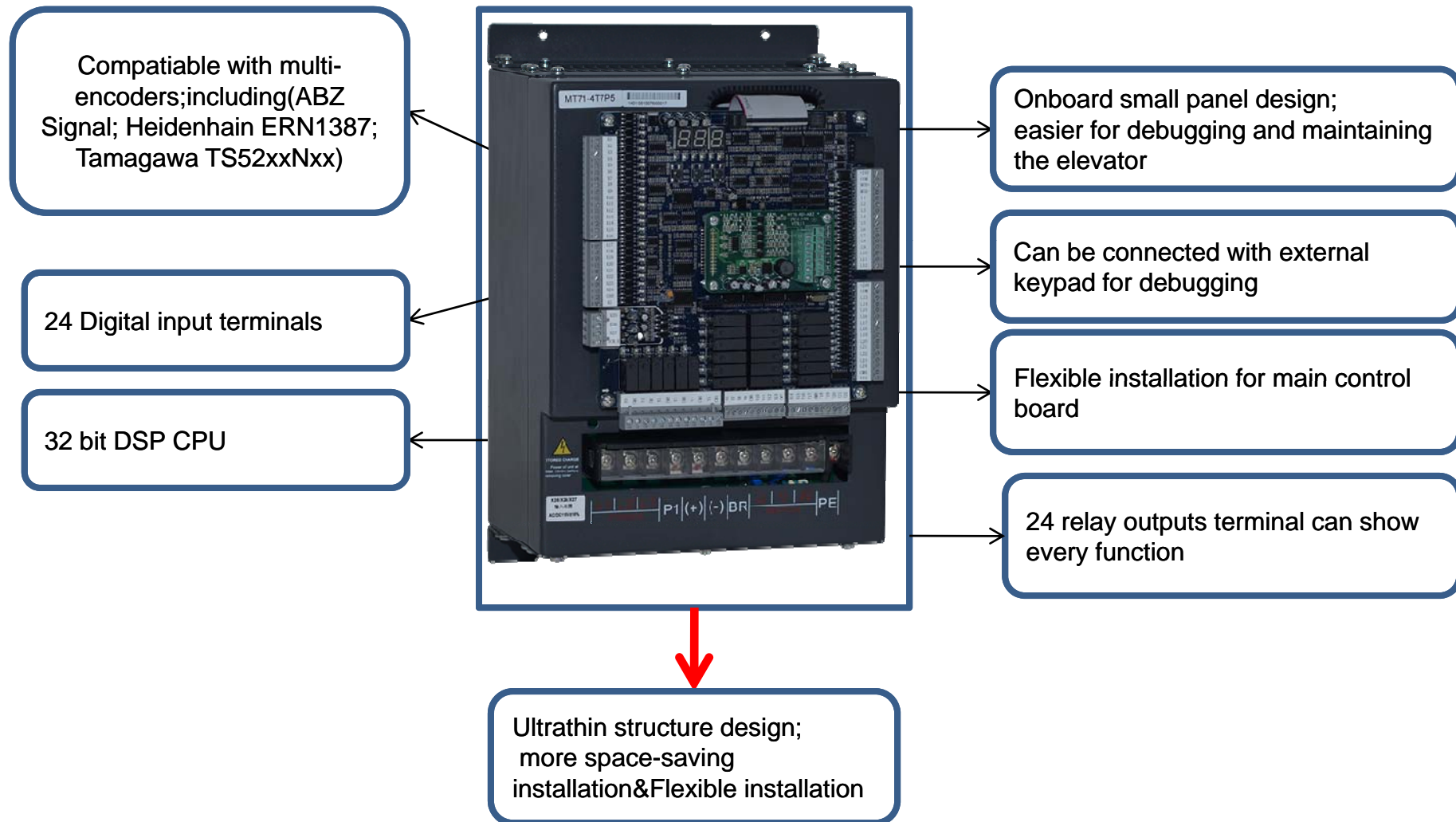
Complete system



Advanced function built-in the system:

- 1, All parallel communication technologies;
- 2, Automatic identification grid voltage technology;
- 3, Three high voltage inputs of 110 - 220VAC/DC;
- 4, One press on keypad to reset the fault;
- 5, 24 relay outputs display on the MCB.

Elegant Structure design



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 : MT70-4T2P2; MT71-4T2P2; MT70-4T3P7; MT71-4T3P7;
MT70-4T5P5; MT71-4T5P5

Trade mark :



Ratings : Model: MT70-4T2P2; MT71-4T2P2; Input: 3PH, 380-460V, 50/60Hz, 7.3A; Output: 3PH, 0-460V, 0-100Hz, 5.1A, 2.2KW

Model: MT70-4T3P7; MT71-4T3P7; Input: 3PH, 380-460V, 50/60Hz, 11.9A; Output: 3PH, 0-460V, 0-100Hz, 5A, 0.7KW

Model: MT70-4T5P5; MT71-4T5P5; Input: 3PH, 380-460V, 50/60Hz, 15A; Output: 3PH, 0-460V, 0-100Hz, 13A, 5.5kW.

Order No./ Report No. : EED31H000975/EED31H000975-2

Test Standard(s) : EN 61800-5-1: 2007

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



Amo Liu

Amo Liu
Lab Supervisor

Date: Jul. 15, 2015

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

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. : EED31H000975-2

Date of issue : 2015-07-15

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

Copyright © 2008 IEC System for Conformity Testing and Certification of Electrical Equipment (IECEE), Geneva, Switzerland. All rights reserved.

This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

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 : MT70-4T2P2; MT71-4T2P2;
MT70-4T3P7; MT71-4T3P7;
MT70-4T5P5; MT71-4T5P5

Ratings : See product general information

Check No: 2135113355

Business Partner



Schindler



Royal Villa



o o o o o o



智造精品 感动顾客



深圳市海浦蒙特科技有限公司 || www.hpmont.com

bell.zhou@hpmont.com