

0.8-1.5-2.2kw 220V Spindel
Tech parameters

0.8kw Air Cooled Spindle

Power- 800W

Voltage- 220V/110V 6.5A

Frequency- 0-400Hz

Bearing- C7002 x 2 + C7002 x 2

Speed- 0-24000rpm

Collet- ER11

Runout off- less than 0.005mm

Lubrication method- Grease Lubrication

1.5kw Air Cooled Spindle

Power- 1500W

Voltage- 220V/110V

Frequency- 0-400Hz

Bearing- C7002 x 2 + C7002 x 2

Speed- 0-24000rpm

Collet- ER11

Runout off- less than 0.005mm

Lubrication method- Grease Lubrication

2.2kw Air Cooled Spindle

Power- 2200W

Voltage- 220V/110V 6.5A

Frequency- 0-400Hz

Bearing- C7002 x 2 + C7002 x 2

Speed- 0-24000rpm

Collet- ER20

Runout off- less than 0.005mm

Lubrication method- Grease Lubrication

Wiring Diagram

AC 110V/220V
(Single Phase)

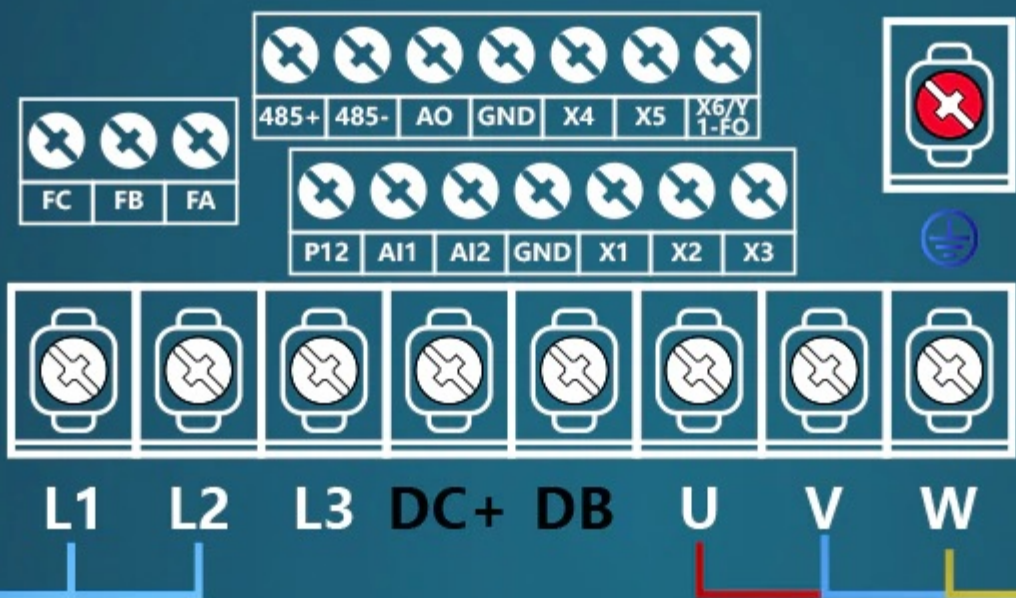


Variable Frequency Converter

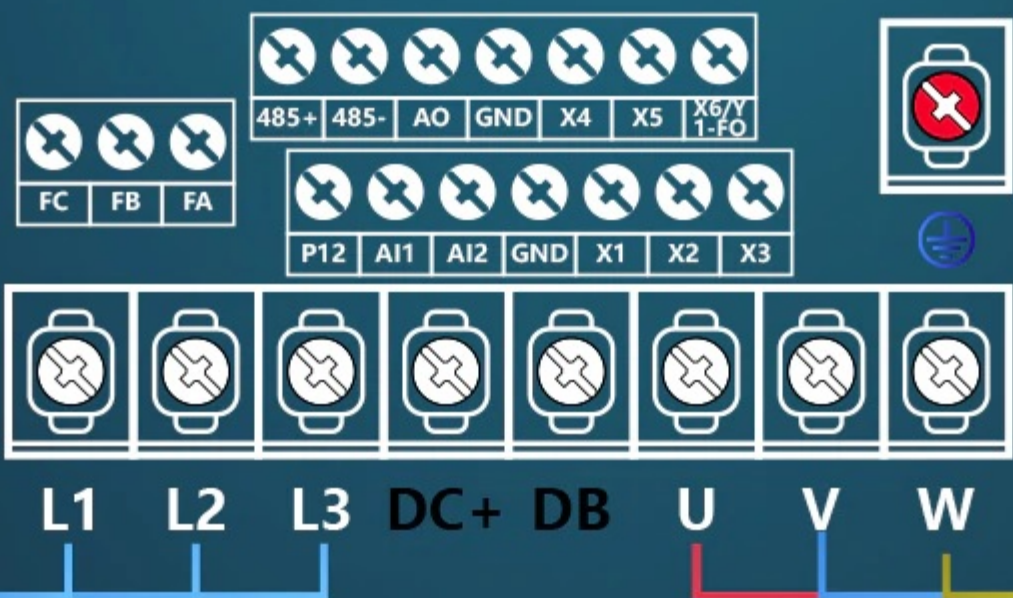
AC Asynchronous Motor
(Three Phase)



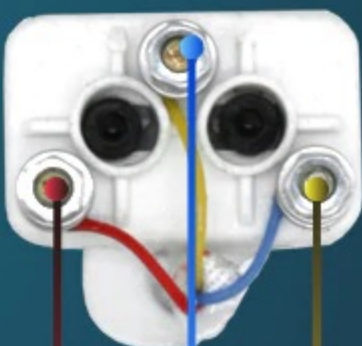
Connector



AC 380V
(Single Phase)



Delta
Connector



Terminal Label Function	Function Description
L1 L2 L3	Single-phase AC 110V/220V/380V input terminal
U V W	The input is connected to a Single-phase ac motor
⏏	Grounding port

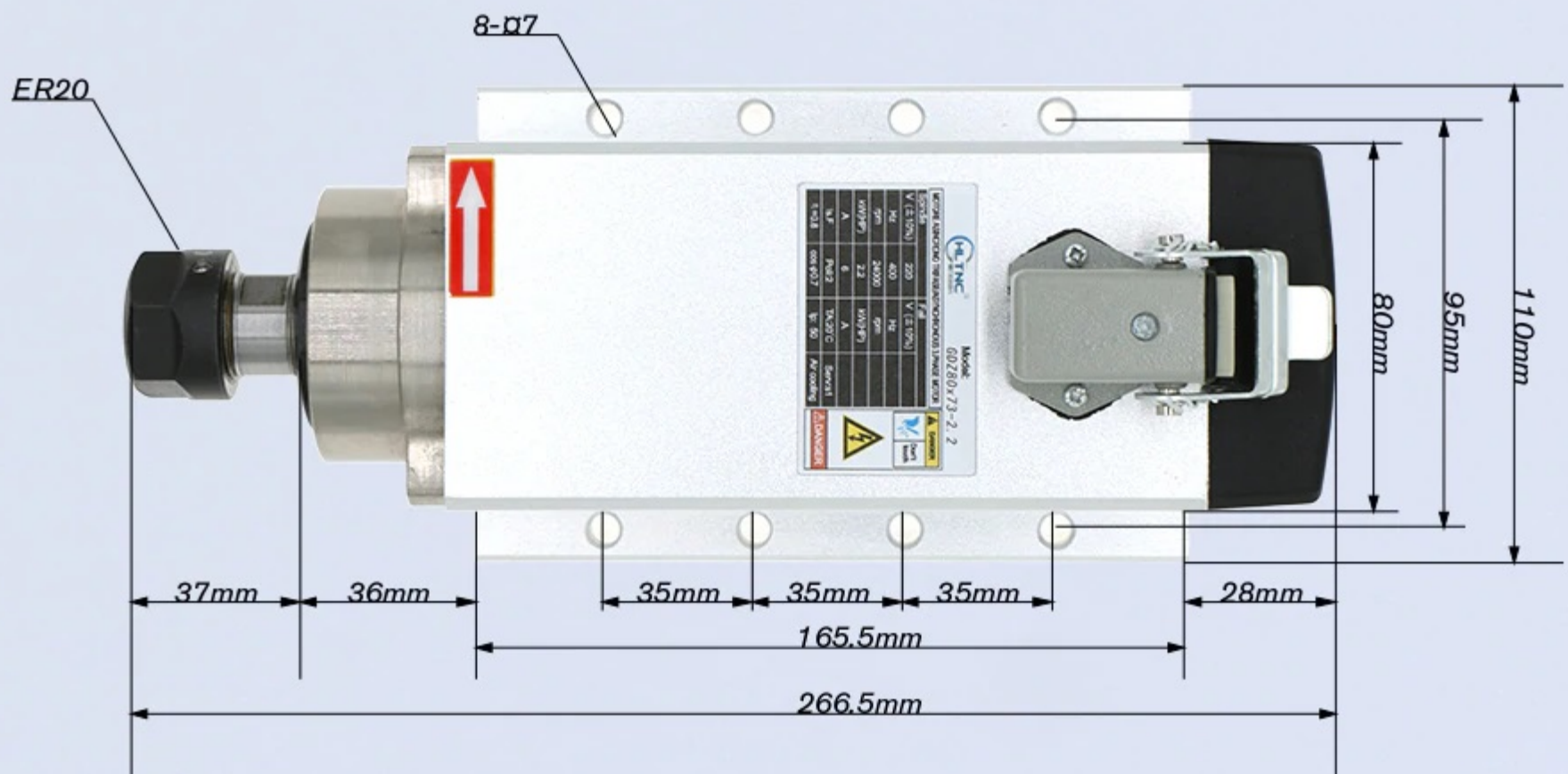
The Wiring Diagram



Ports 4 and 5 are thermal protection ports, you can choose not to wire

Terminal Label Function	Function Description
R S T	Single-phase AC 220V/380V input terminal
U V W	The input is connected to a Single-phase ac motor
⏏	Grounding port

Panel Function



TECHPARAMETES

MODEL
GDZ80X73-2.2

COLLET
ER20

POWER
2200W

SPEED
1-24000RPM

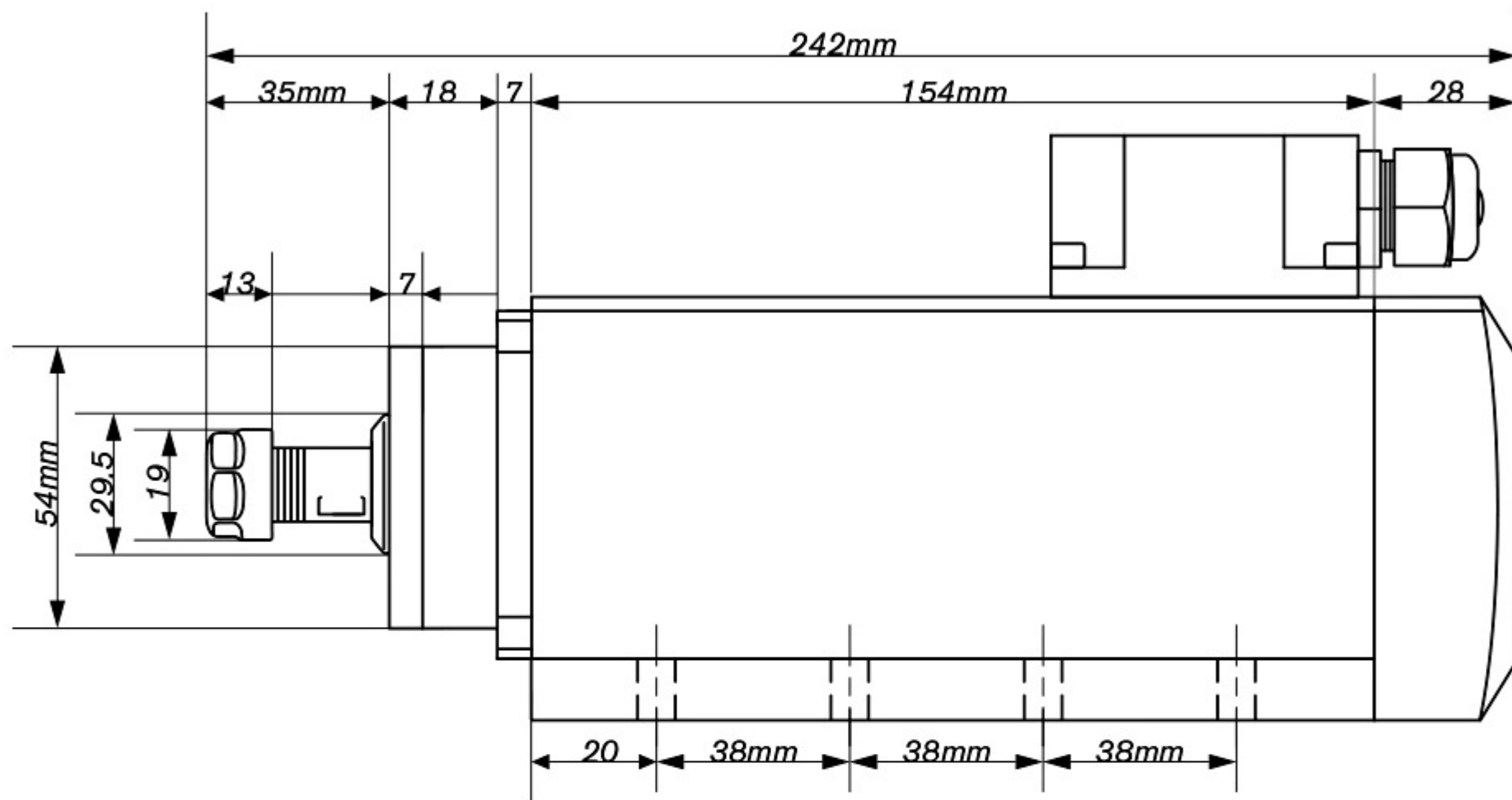
CURRENT
6A

LUBRICATE
GREASE

SIZE
266.5x110x104mm

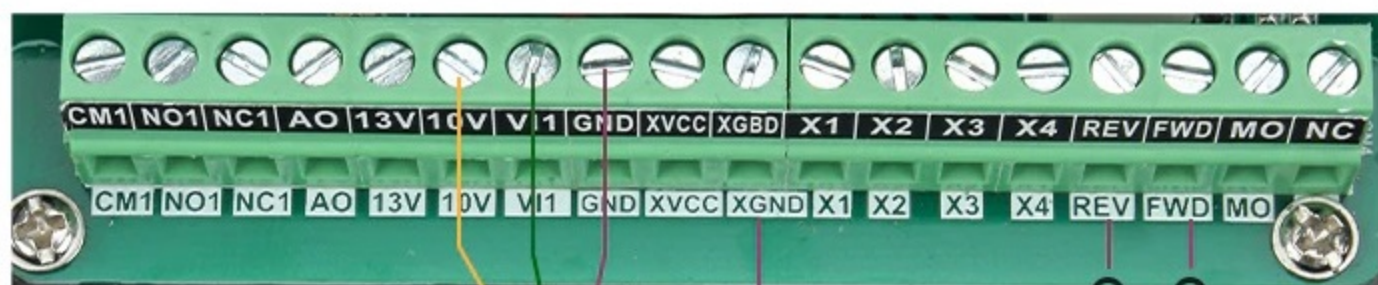
COLLING
AIR COOLING

FREQUENCY
1-400hz



technical specification

MODEL:	EYS8043-24	COLLET :	ER11
POWER:	1500W	SPEED :	1-24000RPM
CURRENT:	8A	LUBRICATE :	GREASE
SIZE:	242x94x77mm	COLLING:	AIR COOLING
PHASE:	1 or 3 PHASE	BEARING TYPO:	C7002*2
FREQUENCY:	1-400Hz		C7002*2



P07.08-03
B10K

P00.01-01

FWD/REV

AC 220W



AC	Output	FD	braking resistor
N L	U V W		+FG-



Conector for braking resistor(optional)

Braking Resistor

YL620-1.5KW-220V - 100W 100Ω

YL620-2.2KW-220V - 100W 70Ω

YL620-3.0KW-220V - 300W 65Ω



Best Service of Testing
since 2003

Certificate of Compliance

Certificate NO. : SHBST150320130035181404YEC-1

Applicant : CHANGZHOU CHANGLONG MOTOR CO.,LTD
North of Henglin Rd, Henglin Town, Wujin Dist, Changzhou,
Jiangsu Prov, China

Manufacturer : CHANGZHOU CHANGLONG MOTOR CO.,LTD
North of Henglin Rd, Henglin Town, Wujin Dist, Changzhou,
Jiangsu Prov, China

Product Name : SPINDLE MOTOR

Trade Name : 

Main Test Model : GDZ65-800
GDZ48-300, GDZ62-1.2, GDZ65-800F, GDZ80-1.5,
GDZ80-1.5F, GDZ80-2.2, GDZ100-3, GDZ100-4, GDZ125-4.5

Test Standard : EN 55011: 2009+A1:2010
EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61000-6-2:2005

As shown in the Test Report No. : SHBST150320130035181404YER-1.

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC directive 2004/108/EC. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.



**Christina
Manager
Mar. 31, 2015**

Shenzhen BST Technology Co.,Ltd.

Add: Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong,
China, Certificate Search: <http://www.bst-lab.com>, Tel:400-882-9628, 8009990305, E-mail:christina@bst-lab.com



ENTE CERTIFICAZIONE MACCHINE - NOTIFIED ORGANISM NR. 1282

ENTE CERTIFICAZIONE MACCHINE
EEC PRODUCT CONFORMITY MARK

This is the "sample of the Ente Certificazione Macchine "EEC PRODUCT CONFORMITY MARK" as evidence of the Conformity of the Product to the applicable European Product Directive(s) and/or Standards.

For a better MARKET AND CLIENTS VISIBILITY of the Product Conformity we suggest that such a Mark would be endorsed (affixed) on the Product itself as well as on the eventual Packaging, Catalogues, Brochures, Website, Head Letter Paper and so on.

The "EEC PRODUCT CONFORMITY MARK" is released by ECM against the issuance of the Product(s) Certificate of Conformity.

MARK ISSUED DIRECTLY TO CLIENT:

TAIZHOU FCUAN ELECTRICAL CO., LTD.

CHENNAN VILLAGE, DAMAYU STREET, YUHUAN COUNTY,TAIZHOU 317604,
ZHEJIANG, CHINA

HUANYANG ELECTRICAL CO., LTD.

YUTAN ROAD, YUCHENG STREET, YUHUAN COUNTY,TAIZHOU 317600,
ZHEJIANG, CHINA



Certificate - Сертификат - 證明書 - Certificat - 증명서 - شهادة

Certificate of Compliance

No. 00160107.TFE0027

Technical Construction File no. HY-15001290-2

Certificate's

Holder:

TAIZHOU FCUAN ELECTRICAL CO., LTD.
Chennan Village, Damalyu Street, Yuhuan County,
Taizhou 317604, Zhejiang, China

Manufacturer:

Huanyang Electrical Co., Ltd.
Yutan Road, Yucheng Street, Yuhuan County,
Taizhou 317600, Zhejiang, China

Certification ECM
Mark:



Product:

Variable frequency drive

Model(s):

(see the following annex I)

Verification to:

Standard:
EN 61800-3:2004+A1:2012

related to CE Directive(s):
2014/30/EU (Electromagnetic Compatibility)

Example: The product(s) has/have been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed standard(s). The above Certification Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. Regulation can be found at www.enfocem.eu.

Whereas the Manufacturer is responsible of the CE certification of the product(s) and not exempted to perform all the necessary activities before placing the product(s) on the market.

The Manufacturer is also responsible to implement efficient internal production control to ensure the product(s) are in compliance with the Certification ECM Mark.

This certificate can be checked for validity at www.enfocem.eu

Date of issue 07 January 2014.

Chief Manager
for 20 years

Expiry date: 04 January 2020

Deputy Manager
Sales & Marketing

Ende Certificatione Machine Srl

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 ☎ +39 051 6705141 ☎ +39 051 6705154 ✉ info@entecema.it 🌐 www.entecema.it



Certificate - Сертификат - 證明書 - Certificat - 증명서 - شهادة - 證書



Annex I

No. 00160107.JFEO027

Technical Construction File no. HT-15001290-2

Model(s):

[illegible]

Ente Certificazione Macchine Srl

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VERIFICATION OF COMPLIANCE

With EU Electromagnetic Compatibility Directive 2014/30/EU
Low Voltage Directive 2014/35/EU

Certificate Holder : Changzhou Huajiang Electrical Co., Ltd
Manufacturing Site : No.13 Hengluo East Road, Henglin Town, Wujin District Changzhou City, Jiangsu Province

Product Description : Spindle

Type and Model : 65*0.8KW, 65*1.5KW, 80*1.5kw, 80*1.5kw ER16, 80*2.2kw ER20, 85*2.2Kw, 100*3kw, 105*3kw, 125*4.5Kw, 125*5.5Kw, 0.8Kw square, 1.5Kw square, 3Kw square, 4Kw square, 4.5Kw square, 5.5Kw square, 6Kw square, 7.5Kw square.

Technical Construction File : HO-13/LVD/EMC-189/190

Referenced No./Rev

Applicable Standard : EN 60034-1:2010/AC:2010, EN 60204-1:2018;
EN 55011:2009/A1:2010, EN 61000-6-1:2007.

Date of Issuance : May. 25, 2020

Valid Until : May. 24, 2025

Conclusion of Assessment :

We Hereby Confirm That The Technical Construction File (TCF), Inspection Processes For Above Mentioned Product(s) Comply With The Essential Safety Requirements Of EU Electromagnetic Compatibility Directive 2014/30/EU & Low Voltage Directive 2014/35/EU Applied Codes And Standards.

Remarks: This Verification Doesn't Imply Assessment Of The Production Of The Product(s). We Attest That A TCF For The Marking Process Is In Place. Whereas The Manufacturer Is Responsible To Start The Marking Certification Procedure And To Perform All The Necessary Activities, As Required By The Directive Before Placing The Mark On The Product(s).

Authorized Signatory:

Name: Dennis.Smith

Position: Operations Manager



2620986524

CARNOT PRODUCT CERTIFICATION LTD

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