C E R T I F I C A T E

of Conformity

Electrical Equipment (Safety) Regulations 2016

(UK SI 2016 No. 1101)

Registration Nr.: AQ 50548487 0001
Report Nr.: 11015764 006

Holder:
Hiwin Mikrosystem Corp., Ltd.
No. 6, Jingke Central Rd.,
Precision Machinery Park, Taichung
Taiwan, R.O.C. 40852

Product:
Motor *(AC Servo Motor)*

Test standard:
BS EN 60034-1:2010
BS EN IEC 60034-5:2020

Identification:

Type Designation: FRx1x2x3x4x5x6, FRy1y2y3y4y5
Rated Voltage: AC 110V or AC 220V
Rated Output : see below
x1,y1=
LS05 (rated power 50W)
LS10 (rated power 100W)
LS20 (rated power 200W only 220V~)
LS40 (rated power 400W only 220V~)
MS05(rated power 50W)
MS10 (rated power 100W)
MS20 (rated power 200W
MS2B (rated power 200W)
MS40 (rated power 400W)
MS4B (rated power 400W)
MS75 (rated power 750W only 220V~)
MM1K (rated power 1000W only 220V~)
MM2K (rated power 2000W only 220V~)
x2,y2=
1(rated voltages 110V~)

This certificate of conformity is based on an evaluation of a sample of the above mentioned product, technical report and documentation. This certificate does not imply the assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Certification Body

Date: **2022-07-04**

Dipl.-Ing. Th. Illing

The UKCA mark may be used, if all relevant UK Legislations and the UK Declaration of Conformity has been completed.

TUV Rheinland UK Ltd.
Friars Gate (Third Floor), 1011 Stratford Road, Shirley, Solihull, B90 4BN

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Identification:

2(rated voltages 220V~)
x3,y3=
0 (without brake)
B(brake)
x4=
3 (encoder type 17bit)
4(absolute encoder type 17bit)
5 (encoder type 13 bit)
6 (Hiwin encoder type 17bit)
y4=
A(Hall sensor)
B(absolute encoder)
C(analog encoder)
x5=
A4 (frame size 42mm, only for type LS05 and LS10),
A6 (frame size 63mm, only for rated power 200W and 400W),
04 (frame size 40mm, only for type MS05 and MS10)
06 (frame size 60mm, only for type MS2B,MS4B,LS20 and LS40),
08 (frame size 80mm, only for rated power 750W)
13 (frame size 130mm, only for rated power 1000W and 2000W)
Products serial number
y5=XXX(X=0-9)
x6=
A(Round shaft without oil seal)
B(Round shaft with oil seal)
C(keyed shaft without oil seal)
D(keyed shaft with oil seal)

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