

EC – DECLARATION OF CONFORMITY

Manufacturer

Johnson Electric International AG
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3280 Murten, Switzerland

Authorised Representative

Johnson Electric Germany GmbH & Co. KG
Niederlassung Dresden, Engineering Competence Center IPG
Wilhelm-Liebkecht-Str. 6, 01257 Dresden, Germany

We hereby declare, that the following products:

Stepper motor or synchronous motor \varnothing 20 mm

UA

(rated voltage 50...150VAC)

Gearmotor

UA _____ D,

(rated voltage 50...150VAC)

Correspond to the applicable basic requirements and provisions of the following directives:

- | | |
|---------------|---|
| ▪ 2004/108/EC | Electromagnetic compatibility directive |
| ▪ 2011/65/EU | Restriction of the use of certain hazardous substances (RoHS) |
| ▪ 2006/95/EC | Low voltage directive |

The following standards have been applied:

- | | |
|---|---|
| ▪ DIN EN 60034-1:2011-02 | Rotating electrical machines – part1: Rating and performance |
| ▪ DIN EN 60085:2008-08 | Electrical insulation – Thermal evaluation and designation |
| ▪ DIN EN 60335-1:2012-10
+Cor1:2014-04 +Cor2:2014-11 | Household and similar electrical appliances – Safety – Part1: General requirements |
| ▪ DIN EN 60529:2014-09 | Degrees of protection provided by enclosures (IP code) |
| ▪ DIN EN 61000-6-2:2006-03
+ Cor1:2011-06 | Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity for industrial environments |
| ▪ DIN EN 61000-6-3:2011-09
+Cor1:2012-11 | Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light – industrial environments |
| ▪ DIN EN ISO 12100:2011-03
+Cor1:2013-08 | Safety of machinery – General principles for design – Risk assessment and risk reduction |

For rated voltages >50VAC the required creepage distances and air clearances are not fulfilled by this motor.

The user of the motor has to ensure the **protection against INDIRECT TOUCHING and also DIRECT TOUCHING** acc. to EN 60335-1:2012-10 + Cor1:2014-04 **within his machine**.

For >150VAC the motor must only be used with pre-elements (eg. resistor, capacitor).

Person in charge of documentation:

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