

# 07 CERTIFICATIONS

**Applus<sup>®</sup> laboratories**

FILE NUMBER 22/36403838

**TEST REPORT**  
Degrees of Protection Provided by Enclosures (IP Code)

**Petitioner's Reference: J.J. BCN INTERNACIONAL, S.A.**  
Customer address: Carrer de l'Ordal Català, 7  
ES-08440 - CARDEDEU (BARCELONA)

**Received material: ELECTRIC ACTUATOR**  
Brand: J+J Model: 20-35-2-6-10  
Serie: S4902P4M/25/250M Applus ID: 8950/3 & 8950/4

**Result:**  
It has been tested and complies the standard applicable specifications.  
**Degree of protection (IP): IP67**  
\*See applied specifications on clause 1.5.

**Applicable standards:**  
UNE-EN 60529:2018 + A1:2018 + A2:2018 + AC:2019-02 (EN 60529:1991 + A1:2000 + A2:2013 + AC:2019-02)

Date of issue: Boltaima, August 24, 2022

Omar Velázquez Tto  
Technical Manager  
Electrical and Electronics

**ENAC**  
ENAC  
ENAC

The results refer only and exclusively to the sample, product or material delivered for testing in "Received Material" section above. The equipment has been tested under conditions stipulated by the standards quoted in this document. This document will not be reproduced otherwise than in full.  
This is the first page of the document, which consists of 11 pages of 3 annexes.

Polígono Industrial Sud  
C/ De l'Ordal Català, 7  
E - 08440 Cardedeu (Barcelona)  
084 97 33 56

This declaration does not contain any guarantee. The safety instructions in product documentation supplied with the device must be observed. Non consented of the device voids this declaration.

IP 67  
[Document link](#)

**J+J**  
J.J. BCN INTERNACIONAL, S.A.

**Original Declaration of Incorporation of Partly Completed Machinery (EC Directive 2006/42/EC) and EC Declaration of Conformity in compliance with the Directives of EMC, Low Voltage and Radio Equipment Directive.**

For electric actuators of the series: J4C and J4M type ranges: S20, S35, S55, S85, S140, S200, B20, B35, B55, B85, B140 & B300 S2, S6, S10, S25, S40, S50, S75 & S90

In version: Standard: **095, S05, D05 + S05, Full**

J.J. BCN INTERNACIONAL, S.A. as manufacturer declares hereby, that the above mentioned actuators meet the following basic requirements of the CE Machinery Directive (2006/42/EC) Annex 1 articles 1.3.2, 1.4, 1.5, 1.6, 1.2.4, 1.3.1, 1.3.2, 1.4.1, 1.4.8, 1.7.1, 1.7.2, 1.7.4

The following harmonised standards within the meaning of the Machinery Directive have been applied:  
EN 12100:2019 90 0211:2017  
EN 60204-1:2006

With regard to the partly completed machinery, the manufacturer commits to submitting the documents to the competent national authority via electronic transmission upon request. The relevant technical documentation pertaining to the machinery described in Annex VI, part B has been prepared.

All parts that are not designed to be installed on identical values. All parts that are not designed to be put into service until the final machinery into which they are to be incorporated has been declared in conformity with the provisions of the CE Directive 2006/42/EC.

As partly completed machinery the part has actuators further comply with the requirements of the following directives and the respective approximation of national laws as well as the requirements of the following standards on listed below:

(1) **Directive relating to Electromagnetic Compatibility (EMC) (2014/53/EU)**  
EN 61000-6-2:2019  
EN 61000-6-3:2019

(2) **Low Voltage Directive (2014/30/EU)**  
EN 60204-1:2019 (Partial)  
EN 60204-1:2020/AC:2020-01 (Partial)

(3) **Radio Equipment Directive (2014/53/EU)**  
EN 300321:2014/AC:2018-1741:1200/AC:2021 Class A  
EN 300320:2017 A1:1:2018  
EN 301 489-1 v2.2 (2019-01-01)  
EN 301 489-2 v2.1 (2019-05-01)  
EN 301 489-3 v2.1 (2019-05-01)  
EN 301 489-17 v2.2 (2020-11-01)

Year of affixing of the CE marking: 2008 Cardedeu 2023-10-09 Technical Manager Signature J. Chaves

**CE**

Polígono Industrial Sud  
C/ De l'Ordal Català, 7  
E - 08440 Cardedeu (Barcelona)  
084 97 33 56

This declaration does not contain any guarantee. The safety instructions in product documentation supplied with the device must be observed. Non consented of the device voids this declaration.

Declaration of Conformity EMC  
[Document link](#)

**REACH**  
J.J. BCN INTERNACIONAL, S.A.

**REACH Certificate of Compliance**

J.J. BCN INTERNACIONAL, S.A. is committed to manage the use of chemical substances in accordance with governmental regulations, industry standards, and customer specific requirements in order to protect the environment.

We hereby certify that, no J.J. BCN INTERNACIONAL, S.A. products contain any of the Substances of Very High Concern (SVHC) list released on the 10th of June of 2022 listed by the European Chemicals Agency (ECHA) under provisions of Regulation (EC) N° 1907/2006 of the European Parliament, in a proportion higher than 0.1% of product weight per article.

Even though J.J. BCN INTERNACIONAL, S.A. does not supply neither substances, nor preparation as they are concerned, but supplies finished product, is adhered to article 7.

Nevertheless, we understand our commitment with the protection of the environment and, due to this fact we have informed our suppliers about their responsibilities and have required their own REACH certificates, when applicable.

Polígono Industrial Sud - C/ De l'Ordal Català, 7 - E - 08440 Cardedeu (Barcelona) - 084 97 33 56

Reach Certificate of Compliance  
[Document link](#)

**ROHS COMPLIANT**  
J.J. BCN INTERNACIONAL, S.A.

J.J. BCN INTERNACIONAL, S.A.  
Ofici Català, 7  
08440 Cardedeu (Spain)

And on behalf Jordi Chaves Garcia as a Technical Manager

**DECLARES:** Under its exclusive responsibility that:  
The J4C & J4M ELECTRIC ACTUATOR series  
Manufactured by: J.J. BCN INTERNACIONAL, S.A.  
In Spain  
Model: S20, S35, S55, S85, S140, S200, B20, B35, B55, B85, B140 & B300  
S2, S6, S10, S25, S40, S50, S75 & S90  
Options: D05, BSR, D05+BSR, P01, MODBUS & BLUETOOTH.

Accomplishes with the following requirements:  
**EC directive 2015/863/EU (the RoHS Directive):**  
The maximum concentration value of the restricted substances by weight is:

Lead (Pb)	< 0.1%
Mercury (Hg)	< 0.1%
Hexavalent Chromium (Cr VI)	< 0.1%
Polybrominated Biphenyls (PBB)	< 0.1%
Polybrominated Diphenyl Ether (PBDE)	< 0.1%
Cadmium (Cd)	< 0.01%
Bis(2-Ethylhexyl) phthalate (DEHP)	< 0.1%
Benzyl butyl phthalate (BBP)	< 0.1%
Dibutyl phthalate (DBP)	< 0.1%
Di isobutyl phthalate (DIBP)	< 0.1%

Cardedeu 2023-10  
Technical Manager Signature J. Chaves

Polígono Industrial Sud  
C/ De l'Ordal Català, 7  
E - 08440 Cardedeu (Barcelona)  
854 97 33 56

This declaration does not contain any guarantee. The safety instructions in product documentation supplied with the device must be observed. Non consented of the device voids this declaration.

Rohs Certificate of Compliance  
[Document link](#)

**telpro CE**  
Laboratorio de Ensayos, marcado CE

Test Laboratory, CE mark

**CE**

Marca/Brand:	J+J
Modelo/Model:	Serie: J4C - J4M Modelo: S20/S35/S55/S85/S140/S200
Descripción/Description:	Actuador eléctrico Electric actuator
Directivas/Directives/Regulations:	2014/53/EU (LVD) Low Voltage Directive Class 2014/53/EU (E.M.C.) 2014/53/EU (RED)
Ensayos y medidas. Norma/Tests and measurements. Standard:	UNE-EN 60204-1:2019 (Partial) UNE-EN 60204-1:2020/AC:2020-01 (Partial) UNE-EN 61000-6-2:2019 UNE-EN 61000-6-3:2019 UNE-EN 301 489-1 v2.2 (2020-01-01) UNE-EN 301 489-2 v2.1 (2019-05-01) UNE-EN 301 489-3 v2.1 (2019-05-01) UNE-EN 301 489-17 v2.2 (2020-11-01)
Resultado en el informe de los ensayos N°/Show in summary in test report N°:	2022-09-008
Verificado/Verified:	V
Fecha (DD-MM-AAAA)/Date(DD-MM-YYYY):	28-09-2022

Sello de la compañía y firma del responsable de ensayos/Company seal and signature of the test manager  
F.X. Garcia, Ing. T. Tardón  
General manager

Pol. Ca N°1616, 33 - 08197 Sant Cugat - Vallés Occ. BARCELONA Tel.: 93 589 35 69. Mòb.: 608 691 651  
www.telpro.com www.telpro.com

CE Certificate J4C 20 to 85  
[Document link](#)

**telpro CE**  
Laboratorio de Ensayos, marcado CE

Test Laboratory, CE mark

**CE**

Marca/Brand:	J+J
Modelo/Model:	Serie: J4C - J4M S140/S300/S25/S40
Descripción/Description:	Actuador eléctrico Electric actuator ACTUATOR 1: ON-OFF + DPS+BSR + BLUETOOTH
Directivas/Directives/Regulations:	2014/53/EU (LVD) Low Voltage Directive Class 2014/53/EU (E.M.C.) 2014/53/EU (RED)
Ensayos y medidas. Norma/Tests and measurements. Standard:	UNE-EN 60204-1:2019 (Partial) UNE-EN 60204-1:2020/AC:2020-01 (Partial) UNE-EN 61000-6-2:2019 UNE-EN 61000-6-3:2019 UNE-EN 300321:2014/AC:2018-1741:1200/AC:2021 Class A UNE-EN 300320:2017 A1:1:2018 UNE-EN 301 489-1 v2.2 (2020-01-01) UNE-EN 301 489-2 v2.1 (2019-05-01) UNE-EN 301 489-3 v2.1 (2019-05-01) UNE-EN 301 489-17 v2.2 (2020-11-01)
Resultado en el informe de los ensayos N°/Show in summary in test report N°:	2023-05-011
Verificado/Verified:	V
Fecha (DD-MM-AAAA)/Date(DD-MM-YYYY):	17-05-2023

Sello de la compañía y firma del responsable de ensayos/Company seal and signature of the test manager  
F. X. Garcia, Ing. T. Tardón  
General manager

Pol. Ca N°1616, 33 - 08197 Sant Cugat - Vallés Occ. BARCELONA Tel.: 93 589 35 69. Mòb.: 608 691 651  
www.telpro.com www.telpro.com

CE Certificate J4C 140 to 300  
[Document link](#)

UNE-EN ISO 9001

**QMS SPAIN**

This document certifies that the Quality Management System of:

**J.J. BCN INTERNACIONAL, S.A.**  
**C/ De l'Orfeó Català, 7 (P.I. Sud)**  
**08440, CARDEDEU (Barcelona)**  
**SPAIN**

Have been assessed and approved by QMS SPAIN to the following requires, standards and guidelines:

**UNE EN ISO 9001:2015**

The approval Quality Management System apply to the following:

**MANUFACTURE, MARKETING AND ASSISTANCE OF ACTUATORS FOR VALVES**

Nº Certificate: **14127433**      Original approval: **03/09/2001**  
 Current certificate: **05/09/2024**      Expiry date: **06/09/2027**

On behalf of QMS Spain

ASCB  
Acreditación  
Sistema  
Normativa

This certificate remains valid while the holder maintains their management System in accordance with the published standards. To check the validity and status of this certificate please visit our website: [www.qms-spain.com](http://www.qms-spain.com) and for a reference on a Global, S.L. CC Condado de Portugal, 49 S.L. Nova, 0842 - S'ardania (Barcelona). This certificate is the property of QMS Spain and must be returned in the event of revocation.

LS&I Technological Center, S.A. (APPLUS)  
 C/De l'Orfeó Català, 7 (P.I. Sud) 08440 - Cardedeu (Barcelona)  
 T: +34 93 32 38 13 77 - 78 30 30 30 - 30  
 www.appluslaboratories.com

File number: 23/36400996

**TEST REPORT**  
**Vibration Test**

Date of issue: Bellaterra, 22/02/2023

**Petitioner: JJ BCN INTERNACIONAL,S.A.**

Petitioner's Address: **C/ de l'Orfeó Català, nº 7**  
**08440 - Cardedeu, Barcelona**

**Device Under Test (DUT): 3+1 Electric Actuators**

**Technician: Xavier Costa**

**Applicable Standards:**

<b>Procedure:</b>	Information provided by client. Applus+ is not responsible for it.
<b>Standard:</b>	UNE-EN 60068-2-6:2008, Environmental testing, Part 2-6: Tests Fc Vibration (sinusoidal)
<b>Test according to:</b>	Sinusoidal vibration test according to the UNE-EN 60068-2-6:2008 standard procedure

**Test product receipt:** 01-02-2023  
**Test initial date:** 02-02-2023  
**Test final date:** 03-02-2023

ENAC  
ENIG  
2007/2008  
Nº 1793

Firmado digitalmente  
por ANTONI GAJICIA  
ROMEU

Product Manager WH  
Electrical and Electronic  
LS&I Technological Center S.A.

The results refer only and exclusively to the sample(s), product(s) or material(s) delivered to be subjected to the tests indicated under the conditions indicated in the document. This document will not be reproduced otherwise than in full. This is the first page of document, which consists of 15 pages of which 1 are annexes.

LS&I Technological Center, S.A. inscrita en el Registro Mercantil de Barcelona, Tomo 35.933, Folio, 1496 Nº9.266.627 Inscripción 1ª. C.I.F. A-63207862

**UK DECLARATION OF CONFORMITY**

J.J. BCN INTERNACIONAL, S.A., located in C/ Orfeó Català, 7, Pol. Ind. Sud, 08440 Cardedeu, Barcelona, Spain, declares under its sole responsibility, that the following equipment:

**Electric Actuators J4C S and B series (Model 20,35,55,85,140 & 300)** are in conformity with the relevant statutory regulations (including amendments) and have been demonstrated to fulfill the requirements with reference to the designated standards as listed below:

Statutory Instruments	Designated Standards
Electrical Equipment (Safety) Regulations SI 2016 No. 1101	EN 60204-1:2019 (Partial) Electrical Safety Machinery
Electromagnetic Compatibility Regulations SI 2016 No. 1091	EN 61000-6-2:2019 Generic Immunity Standard, Industry EN 61000-6-4:2019 Generic EMI Standard, Industry.
Supply of Machinery (Safety) Regulations SI 2008 No.1597	EN ISO 12100:2012 EN ISO 5211:2017 Safety of Machinery-Electrical Equipment of Machines, Part 1: General Requirements
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, SI 2019 No.329	RoHS 2 Amendment - EN IEC 63000:2018
Radio Equipment Regulations SI 2017 No. 1206	Radio Equipment - EN301 489-1 V2.2.3 (2020) EN301 489-3 V2.1.1 (2019) EN301 489-17 V3.2.4 (2020) EN55022:2016/AC:2016/07+A11:2020/A1:2021 Class A EN55035: 2017/A11:2020

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The unit complies with all applicable Essential Requirements of the Statutory Instruments.

Product Manager Signature  
**J. Costa**

Cardedeu, 22 May 2023.

This declaration does not contain any guarantee. The only instructions in product documentation supplied with the device must be observed. Non-compliance of the device voids this declaration.

Filigono Industrial Sud - C/De l'Orfeó Català, 7 - E - 08440 Cardedeu (Barcelona) - 0034 93 871 23 54

**ISO 9001:2015**  
[Document link](#)

**Vibration Test**  
[Document link](#)

**UK CA**  
[Document link](#)

Certificate No: MAD42898-AE001

**Type Approval Certificate**  
 [ Electric Actuator ]

**Initial Approval** 18th January, 2022  
**Manufacturer** J.J. BCN Internacional, S.A.  
 Orfeó Català, 7-Pi Sud 08440, Cardedeu, Barcelona, Spain

**Product Description** Type : J4C S-series

\* See Appendix 1 \*

**Approval Condition** \* See Appendix 1 \*

**THIS IS TO CERTIFY** that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows:  
 Pt 6, Ch. 2, Art. 301 of the Rules for Classification, Steel Ships.

This Certificate is valid until 17th January, 2027  
 Issued at Busan, Korea on 18th January, 2022

This certificate is signed electronically in accordance with ISO 15926, S-Cert, 2018 Rev. 2. Validation and authentication of the certificate can be confirmed from [www.kr.or.kr](http://www.kr.or.kr) by using the tracking No.(MAD2020147798) and certificate No.(MAD42898-AE001).

**KOREAN REGISTER**

General Manager of  
Marine & Ocean Equipment Team

1) This certificate will be valid subject to complying with the approval conditions described in the certificate and in the Rules of this Society.  
 2) This certificate will be valid for the entire life of the equipment unless the approval is renewed by being granted by the holder of the manufacturer.  
 3) Any significant modification or extension or change of construction to the above product without approval from this Society will render this certificate invalid.  
 4) Should any product be approved or otherwise constructed during the validity of this certificate, the manufacturer is to be responsible for the timely submission with the manufacturer to the Society.

AC-2A (2021 01) 1/3  
**KOREAN REGISTER**

**KOREAN REGISTER**  
[Document link](#)