



Declaración UE de Conformidad (n.º 0290)

Esta declaración se expide para dar conformidad a:

Modelo de producto: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS

Referencia: 013000000001

Descripción del producto: *Industrial PLC based on ESP32, EMC and RED regulation.*

Nombre y Dirección del Fabricante: Boot & Work Corp, S.L
Pol. Ind. Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, España

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

El objeto de la declaración descrito anteriormente se confirma que es conforme con la legislación **2014/30/EU**, **2014/53/EU**, **2011/65/EU** y **2015/863/EU** de la Unión Europea en materia electromagnética (EMC), comercio de equipos radioeléctricos (RED) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoHS).

Para la evaluación respecto a EMC y RED, se aplicaron las siguientes normas:

- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Cláusula 8: EMC Zona A/B y Cláusula 11 LVD
- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Inmunidad
- EN 61000-6-4:2019 Compatibilidad Electromagnética (EMC). Parte 6-4: Normas genéricas. Norma de emisión en entornos industriales.
- EN 61000-6-2:2019 Compatibilidad electromagnética (EMC). Parte 6-2: Normas genéricas. Inmunidad en entornos industriales.



Industrial Shields®

by Boot&Work Corp., S.L.

Conformidad con la RoHS:

Las directivas de la UE 2011/65/UE y 2015/863/UE restringen el uso de las siguientes 10 sustancias en la fabricación de determinados tipos específicos de equipos eléctricos.

Si bien la restricción no es legalmente aplicable a los componentes, se reconoce que su cumplimiento es relevante para muchos clientes.

Definición de cumplimiento de la directiva RoHS:

- Cumple con RoHS significa que el producto no contiene ninguna de las sustancias restringido en las concentraciones y aplicaciones prohibidas por la directiva (por componentes)

Las sustancias restringidas y sus concentraciones máximas permitidas en el entorno homogéneo.

Concentración de sustancias:

Plomo 0,1%

Mercurio 0,1%

PBB 0,1%

PBDE 0,1%

Cromo hexavalente 0,1%

Cadmio 0,01%

DEHP 0,1%

BBP 0,1%

DBP 0,1%

DIBP 0,1%

Esta verificación se basa en una única evaluación de uno de los productos mencionados anteriormente, ello no implica una evaluación de toda la producción y no permite el uso de la prueba logotipo del laboratorio.

Firmado para y en representación de Industrial Shields, marca perteneciente a Boot & Work Corp, S.L

Sant Fruitós de Bages, 27 de febrero de 2025

Albert Prieto, CEO

Boot & Work Corp SL



EU Declaration of Conformity (n. 0290)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS

Reference: 013000000001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L.
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is confirmed to be in conformity with the legislation **2014/30/EU**, **2014/53/EU**, **2011/65/EU** and **2015/863/EU** of the European Union regarding electromagnetic compatibility (EMC), market of radio equipment (RED) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoHS).

For the EMC and ERD assessment, the following standards were applied:

- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- EN 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with RoHS:

EU Directives 2011/65/EU and 2015/863/EU restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of RoHS directive compliance:

- RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



UK Declaration of Conformity (n. 0290)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS

Reference: 013000000001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described is confirmed to be in conformity with the legislation **2016/1091** and **2017/1206** of the United Kingdom regarding Electromagnetic compatibility Regulations and Radio Equipment Regulations and **2012/3032** for the restriction on use of certain hazardous substances in electrical and electronic equipment (UK RoHS).

For the Electromagnetic compatibility Regulations and Radio Equipment Regulations assessment, the following standards were applied:

- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- IEC 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- IEC 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with UK RoHS:

UK regulation 2012/3032 restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of UK RoHS regulation compliance:

- UK RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Declaración UE de Conformidad (n.º 0291)

Esta declaración se expide para dar conformidad a:

Modelo de producto: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS CAN

Referencia: 013000010001

Descripción del producto: *Industrial PLC based on ESP32, EMC and RED regulation.*

Nombre y Dirección del Fabricante: Boot & Work Corp, S.L
Pol. Ind. Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, España

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

El objeto de la declaración descrito anteriormente se confirma que es conforme con la legislación **2014/30/EU**, **2014/53/EU**, **2011/65/EU** y **2015/863/EU** de la Unión Europea en materia electromagnética (EMC), comercio de equipos radioeléctricos (RED) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoHS).

Para la evaluación respecto a EMC y RED, se aplicaron las siguientes normas:

- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Cláusula 8: EMC Zona A/B y Cláusula 11 LVD
- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Inmunidad
- EN 61000-6-4:2019 Compatibilidad Electromagnética (EMC). Parte 6-4: Normas genéricas. Norma de emisión en entornos industriales.
- EN 61000-6-2:2019 Compatibilidad electromagnética (EMC). Parte 6-2: Normas genéricas. Inmunidad en entornos industriales.



Industrial Shields®

by Boot&Work Corp., S.L.

Conformidad con la RoHS:

Las directivas de la UE 2011/65/UE y 2015/863/UE restringen el uso de las siguientes 10 sustancias en la fabricación de determinados tipos específicos de equipos eléctricos.

Si bien la restricción no es legalmente aplicable a los componentes, se reconoce que su cumplimiento es relevante para muchos clientes.

Definición de cumplimiento de la directiva RoHS:

- Cumple con RoHS significa que el producto no contiene ninguna de las sustancias restringido en las concentraciones y aplicaciones prohibidas por la directiva (por componentes)

Las sustancias restringidas y sus concentraciones máximas permitidas en el entorno homogéneo.

Concentración de sustancias:

Plomo 0,1%

Mercurio 0,1%

PBB 0,1%

PBDE 0,1%

Cromo hexavalente 0,1%

Cadmio 0,01%

DEHP 0,1%

BBP 0,1%

DBP 0,1%

DIBP 0,1%

Esta verificación se basa en una única evaluación de uno de los productos mencionados anteriormente, ello no implica una evaluación de toda la producción y no permite el uso de la prueba logotipo del laboratorio.

Firmado para y en representación de Industrial Shields, marca perteneciente a Boot & Work Corp, S.L

Sant Fruitós de Bages, 27 de febrero de 2025

Albert Prieto, CEO

Boot & Work Corp SL



EU Declaration of Conformity (n. 0291)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS CAN

Reference: 013000010001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is confirmed to be in conformity with the legislation **2014/30/EU**, **2014/53/EU**, **2011/65/EU** and **2015/863/EU** of the European Union regarding electromagnetic compatibility (EMC), market of radio equipment (RED) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoHS).

For the EMC and ERD assessment, the following standards were applied:

- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- EN 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with RoHS:

EU Directives 2011/65/EU and 2015/863/EU restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of RoHS directive compliance:

- RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



UK Declaration of Conformity (n. 0291)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS CAN

Reference: 013000010001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described is confirmed to be in conformity with the legislation **2016/1091** and **2017/1206** of the United Kingdom regarding Electromagnetic compatibility Regulations and Radio Equipment Regulations and **2012/3032** for the restriction on use of certain hazardous substances in electrical and electronic equipment (UK RoHS).

For the Electromagnetic compatibility Regulations and Radio Equipment Regulations assessment, the following standards were applied:

- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- IEC 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- IEC 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with UK RoHS:

UK regulation 2012/3032 restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of UK RoHS regulation compliance:

- UK RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

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DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Declaración UE de Conformidad (n.º 0292)

Esta declaración se expide para dar conformidad a:

Modelo de producto: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS LoRa (Europe)

Referencia: 013000020001

Descripción del producto: *Industrial PLC based on ESP32, EMC and RED regulation.*

Nombre y Dirección del Fabricante: Boot & Work Corp, S.L
Pol. Ind. Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, España

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

El objeto de la declaración descrito anteriormente se confirma que es conforme con la legislación **2014/30/EU**, **2014/53/EU**, **2011/65/EU** y **2015/863/EU** de la Unión Europea en materia electromagnética (EMC), comercio de equipos radioeléctricos (RED) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoHS).

Para la evaluación respecto a EMC y RED, se aplicaron las siguientes normas:

- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Cláusula 8: EMC Zona A/B y Cláusula 11 LVD
- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Inmunidad
- EN 61000-6-4:2019 Compatibilidad Electromagnética (EMC). Parte 6-4: Normas genéricas. Norma de emisión en entornos industriales.
- EN 61000-6-2:2019 Compatibilidad electromagnética (EMC). Parte 6-2: Normas genéricas. Inmunidad en entornos industriales.



Industrial Shields®

by Boot&Work Corp., S.L.

Conformidad con la RoHS:

Las directivas de la UE 2011/65/UE y 2015/863/UE restringen el uso de las siguientes 10 sustancias en la fabricación de determinados tipos específicos de equipos eléctricos.

Si bien la restricción no es legalmente aplicable a los componentes, se reconoce que su cumplimiento es relevante para muchos clientes.

Definición de cumplimiento de la directiva RoHS:

- Cumple con RoHS significa que el producto no contiene ninguna de las sustancias restringido en las concentraciones y aplicaciones prohibidas por la directiva (por componentes)

Las sustancias restringidas y sus concentraciones máximas permitidas en el entorno homogéneo.

Concentración de sustancias:

Plomo 0,1%

Mercurio 0,1%

PBB 0,1%

PBDE 0,1%

Cromo hexavalente 0,1%

Cadmio 0,01%

DEHP 0,1%

BBP 0,1%

DBP 0,1%

DIBP 0,1%

Esta verificación se basa en una única evaluación de uno de los productos mencionados anteriormente, ello no implica una evaluación de toda la producción y no permite el uso de la prueba logotipo del laboratorio.

Firmado para y en representación de Industrial Shields, marca perteneciente a Boot & Work Corp, S.L

Sant Fruitós de Bages, 27 de febrero de 2025

Albert Prieto, CEO

Boot & Work Corp SL



EU Declaration of Conformity (n. 0292)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS LoRa (Europe)

Reference: 013000020001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is confirmed to be in conformity with the legislation **2014/30/EU**, **2014/53/EU**, **2011/65/EU** and **2015/863/EU** of the European Union regarding electromagnetic compatibility (EMC), market of radio equipment (RED) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoHS).

For the EMC and ERD assessment, the following standards were applied:

- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- EN 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with RoHS:

EU Directives 2011/65/EU and 2015/863/EU restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of RoHS directive compliance:

- RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Industrial Shields®

by Boot&Work Corp., S.L.

UK Declaration of Conformity

(n. 0292)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS LoRa (Europe)

Reference: 013000020001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described is confirmed to be in conformity with the legislation **2016/1091** and **2017/1206** of the United Kingdom regarding Electromagnetic compatibility Regulations and Radio Equipment Regulations and **2012/3032** for the restriction on use of certain hazardous substances in electrical and electronic equipment (UK RoHS).

For the Electromagnetic compatibility Regulations and Radio Equipment Regulations assessment, the following standards were applied:

- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- IEC 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- IEC 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with UK RoHS:

UK regulation 2012/3032 restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of UK RoHS regulation compliance:

- UK RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Declaración UE de Conformidad (n.º 0665)

Esta declaración se expide para dar conformidad a:

Modelo de producto: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS LoRa (Asia)

Referencia: 013000020001(Asia)

Descripción del producto: *Industrial PLC based on ESP32, EMC and RED regulation.*

Nombre y Dirección del Fabricante: Boot & Work Corp, S.L
Pol. Ind. Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, España

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

El objeto de la declaración descrito anteriormente se confirma que es conforme con la legislación **2014/30/EU**, **2014/53/EU**, **2011/65/EU** y **2015/863/EU** de la Unión Europea en materia electromagnética (EMC), comercio de equipos radioeléctricos (RED) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoHS).

Para la evaluación respecto a EMC y RED, se aplicaron las siguientes normas:

- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Cláusula 8: EMC Zona A/B y Cláusula 11 LVD
- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Inmunidad
- EN 61000-6-4:2019 Compatibilidad Electromagnética (EMC). Parte 6-4: Normas genéricas. Norma de emisión en entornos industriales.
- EN 61000-6-2:2019 Compatibilidad electromagnética (EMC). Parte 6-2: Normas genéricas. Inmunidad en entornos industriales.



Industrial Shields®

by Boot&Work Corp., S.L.

Conformidad con la RoHS:

Las directivas de la UE 2011/65/UE y 2015/863/UE restringen el uso de las siguientes 10 sustancias en la fabricación de determinados tipos específicos de equipos eléctricos.

Si bien la restricción no es legalmente aplicable a los componentes, se reconoce que su cumplimiento es relevante para muchos clientes.

Definición de cumplimiento de la directiva RoHS:

- Cumple con RoHS significa que el producto no contiene ninguna de las sustancias restringido en las concentraciones y aplicaciones prohibidas por la directiva (por componentes)

Las sustancias restringidas y sus concentraciones máximas permitidas en el entorno homogéneo.

Concentración de sustancias:

Plomo 0,1%

Mercurio 0,1%

PBB 0,1%

PBDE 0,1%

Cromo hexavalente 0,1%

Cadmio 0,01%

DEHP 0,1%

BBP 0,1%

DBP 0,1%

DIBP 0,1%

Esta verificación se basa en una única evaluación de uno de los productos mencionados anteriormente, ello no implica una evaluación de toda la producción y no permite el uso de la prueba logotipo del laboratorio.

Firmado para y en representación de Industrial Shields, marca perteneciente a Boot & Work Corp, S.L

Sant Fruitós de Bages, 27 de febrero de 2025

Albert Prieto, CEO

Boot & Work Corp SL



EU Declaration of Conformity (n. 0665)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS LoRa (Asia)

Reference: 013000020001(Asia)

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is confirmed to be in conformity with the legislation **2014/30/EU**, **2014/53/EU**, **2011/65/EU** and **2015/863/EU** of the European Union regarding electromagnetic compatibility (EMC), market of radio equipment (RED) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoHS).

For the EMC and ERD assessment, the following standards were applied:

- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- EN 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with RoHS:

EU Directives 2011/65/EU and 2015/863/EU restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of RoHS directive compliance:

- RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



UK Declaration of Conformity (n. 0665)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS LoRa (Asia)

Reference: 013000020001(Asia)

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described is confirmed to be in conformity with the legislation **2016/1091** and **2017/1206** of the United Kingdom regarding Electromagnetic compatibility Regulations and Radio Equipment Regulations and **2012/3032** for the restriction on use of certain hazardous substances in electrical and electronic equipment (UK RoHS).

For the Electromagnetic compatibility Regulations and Radio Equipment Regulations assessment, the following standards were applied:

- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- IEC 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- IEC 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with UK RoHS:

UK regulation 2012/3032 restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of UK RoHS regulation compliance:

- UK RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Declaración UE de Conformidad (n.º 0293)

Esta declaración se expide para dar conformidad a:

Modelo de producto: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS 4G (CAT 1 M1)-NB1 IoT LTE

Referencia: 013000030001

Descripción del producto: *Industrial PLC based on ESP32, EMC and RED regulation.*

Nombre y Dirección del Fabricante: Boot & Work Corp, S.L
Pol. Ind. Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, España

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

El objeto de la declaración descrito anteriormente se confirma que es conforme con la legislación **2014/30/EU**, **2014/53/EU**, **2011/65/EU** y **2015/863/EU** de la Unión Europea en materia electromagnética (EMC), comercio de equipos radioeléctricos (RED) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoHS).

Para la evaluación respecto a EMC y RED, se aplicaron las siguientes normas:

- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Cláusula 8: EMC Zona A/B y Cláusula 11 LVD
- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Inmunidad
- EN 61000-6-4:2019 Compatibilidad Electromagnética (EMC). Parte 6-4: Normas genéricas. Norma de emisión en entornos industriales.
- EN 61000-6-2:2019 Compatibilidad electromagnética (EMC). Parte 6-2: Normas genéricas. Inmunidad en entornos industriales.



Industrial Shields®

by Boot&Work Corp., S.L.

Conformidad con la RoHS:

Las directivas de la UE 2011/65/UE y 2015/863/UE restringen el uso de las siguientes 10 sustancias en la fabricación de determinados tipos específicos de equipos eléctricos.

Si bien la restricción no es legalmente aplicable a los componentes, se reconoce que su cumplimiento es relevante para muchos clientes.

Definición de cumplimiento de la directiva RoHS:

- Cumple con RoHS significa que el producto no contiene ninguna de las sustancias restringido en las concentraciones y aplicaciones prohibidas por la directiva (por componentes)

Las sustancias restringidas y sus concentraciones máximas permitidas en el entorno homogéneo.

Concentración de sustancias:

Plomo 0,1%

Mercurio 0,1%

PBB 0,1%

PBDE 0,1%

Cromo hexavalente 0,1%

Cadmio 0,01%

DEHP 0,1%

BBP 0,1%

DBP 0,1%

DIBP 0,1%

Esta verificación se basa en una única evaluación de uno de los productos mencionados anteriormente, ello no implica una evaluación de toda la producción y no permite el uso de la prueba logotipo del laboratorio.

Firmado para y en representación de Industrial Shields, marca perteneciente a Boot & Work Corp, S.L

Sant Fruitós de Bages, 27 de febrero de 2025

Albert Prieto, CEO

Boot & Work Corp SL



EU Declaration of Conformity (n. 0293)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS 4G (CAT 1 M1)-NB1 IoT LTE

Reference: 013000030001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is confirmed to be in conformity with the legislation **2014/30/EU**, **2014/53/EU**, **2011/65/EU** and **2015/863/EU** of the European Union regarding electromagnetic compatibility (EMC), market of radio equipment (RED) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoHS).

For the EMC and ERD assessment, the following standards were applied:

- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- EN 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with RoHS:

EU Directives 2011/65/EU and 2015/863/EU restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of RoHS directive compliance:

- RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



UK Declaration of Conformity (n. 0293)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS 4G (CAT 1 M1)-NB1 IoT LTE

Reference: 013000030001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described is confirmed to be in conformity with the legislation **2016/1091** and **2017/1206** of the United Kingdom regarding Electromagnetic compatibility Regulations and Radio Equipment Regulations and **2012/3032** for the restriction on use of certain hazardous substances in electrical and electronic equipment (UK RoHS).

For the Electromagnetic compatibility Regulations and Radio Equipment Regulations assessment, the following standards were applied:

- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- IEC 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- IEC 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with UK RoHS:

UK regulation 2012/3032 restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of UK RoHS regulation compliance:

- UK RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Declaración UE de Conformidad (n.º 0294)

Esta declaración se expide para dar conformidad a:

Modelo de producto: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS LoRa (USA)

Referencia: 013000060001

Descripción del producto: *Industrial PLC based on ESP32, EMC and RED regulation.*

Nombre y Dirección del Fabricante: Boot & Work Corp, S.L
Pol. Ind. Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, España

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

El objeto de la declaración descrito anteriormente se confirma que es conforme con la legislación **2014/30/EU**, **2014/53/EU**, **2011/65/EU** y **2015/863/EU** de la Unión Europea en materia electromagnética (EMC), comercio de equipos radioeléctricos (RED) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoHS).

Para la evaluación respecto a EMC y RED, se aplicaron las siguientes normas:

- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Cláusula 8: EMC Zona A/B y Cláusula 11 LVD
- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Inmunidad
- EN 61000-6-4:2019 Compatibilidad Electromagnética (EMC). Parte 6-4: Normas genéricas. Norma de emisión en entornos industriales.
- EN 61000-6-2:2019 Compatibilidad electromagnética (EMC). Parte 6-2: Normas genéricas. Inmunidad en entornos industriales.



Industrial Shields®

by Boot&Work Corp., S.L.

Conformidad con la RoHS:

Las directivas de la UE 2011/65/UE y 2015/863/UE restringen el uso de las siguientes 10 sustancias en la fabricación de determinados tipos específicos de equipos eléctricos.

Si bien la restricción no es legalmente aplicable a los componentes, se reconoce que su cumplimiento es relevante para muchos clientes.

Definición de cumplimiento de la directiva RoHS:

- Cumple con RoHS significa que el producto no contiene ninguna de las sustancias restringido en las concentraciones y aplicaciones prohibidas por la directiva (por componentes)

Las sustancias restringidas y sus concentraciones máximas permitidas en el entorno homogéneo.

Concentración de sustancias:

Plomo 0,1%

Mercurio 0,1%

PBB 0,1%

PBDE 0,1%

Cromo hexavalente 0,1%

Cadmio 0,01%

DEHP 0,1%

BBP 0,1%

DBP 0,1%

DIBP 0,1%

Esta verificación se basa en una única evaluación de uno de los productos mencionados anteriormente, ello no implica una evaluación de toda la producción y no permite el uso de la prueba logotipo del laboratorio.

Firmado para y en representación de Industrial Shields, marca perteneciente a Boot & Work Corp, S.L

Sant Fruitós de Bages, 27 de febrero de 2025

Albert Prieto, CEO

Boot & Work Corp SL



EU Declaration of Conformity (n. 0294)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS LoRa (USA)

Reference: 013000060001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is confirmed to be in conformity with the legislation **2014/30/EU**, **2014/53/EU**, **2011/65/EU** and **2015/863/EU** of the European Union regarding electromagnetic compatibility (EMC), market of radio equipment (RED) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoHS).

For the EMC and ERD assessment, the following standards were applied:

- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- EN 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with RoHS:

EU Directives 2011/65/EU and 2015/863/EU restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of RoHS directive compliance:

- RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Industrial Shields®

by Boot&Work Corp., S.L.

UK Declaration of Conformity

(n. 0294)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS LoRa (USA)

Reference: 013000060001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described is confirmed to be in conformity with the legislation **2016/1091** and **2017/1206** of the United Kingdom regarding Electromagnetic compatibility Regulations and Radio Equipment Regulations and **2012/3032** for the restriction on use of certain hazardous substances in electrical and electronic equipment (UK RoHS).

For the Electromagnetic compatibility Regulations and Radio Equipment Regulations assessment, the following standards were applied:

- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- IEC 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- IEC 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with UK RoHS:

UK regulation 2012/3032 restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of UK RoHS regulation compliance:

- UK RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Declaración UE de Conformidad (n.º 0295)

Esta declaración se expide para dar conformidad a:

Modelo de producto: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS Dali

Referencia: 013000090001

Descripción del producto: *Industrial PLC based on ESP32, EMC and RED regulation.*

Nombre y Dirección del Fabricante: Boot & Work Corp, S.L
Pol. Ind. Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, España

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

El objeto de la declaración descrito anteriormente se confirma que es conforme con la legislación **2014/30/EU**, **2014/53/EU**, **2011/65/EU** y **2015/863/EU** de la Unión Europea en materia electromagnética (EMC), comercio de equipos radioeléctricos (RED) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoHS).

Para la evaluación respecto a EMC y RED, se aplicaron las siguientes normas:

- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Cláusula 8: EMC Zona A/B y Cláusula 11 LVD
- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Inmunidad
- EN 61000-6-4:2019 Compatibilidad Electromagnética (EMC). Parte 6-4: Normas genéricas. Norma de emisión en entornos industriales.
- EN 61000-6-2:2019 Compatibilidad electromagnética (EMC). Parte 6-2: Normas genéricas. Inmunidad en entornos industriales.



Industrial Shields®

by Boot&Work Corp., S.L.

Conformidad con la RoHS:

Las directivas de la UE 2011/65/UE y 2015/863/UE restringen el uso de las siguientes 10 sustancias en la fabricación de determinados tipos específicos de equipos eléctricos.

Si bien la restricción no es legalmente aplicable a los componentes, se reconoce que su cumplimiento es relevante para muchos clientes.

Definición de cumplimiento de la directiva RoHS:

- Cumple con RoHS significa que el producto no contiene ninguna de las sustancias restringido en las concentraciones y aplicaciones prohibidas por la directiva (por componentes)

Las sustancias restringidas y sus concentraciones máximas permitidas en el entorno homogéneo.

Concentración de sustancias:

Plomo 0,1%

Mercurio 0,1%

PBB 0,1%

PBDE 0,1%

Cromo hexavalente 0,1%

Cadmio 0,01%

DEHP 0,1%

BBP 0,1%

DBP 0,1%

DIBP 0,1%

Esta verificación se basa en una única evaluación de uno de los productos mencionados anteriormente, ello no implica una evaluación de toda la producción y no permite el uso de la prueba logotipo del laboratorio.

Firmado para y en representación de Industrial Shields, marca perteneciente a Boot & Work Corp, S.L

Sant Fruitós de Bages, 27 de febrero de 2025

Albert Prieto, CEO

Boot & Work Corp SL



EU Declaration of Conformity (n. 0295)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS Dali

Reference: 013000090001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is confirmed to be in conformity with the legislation **2014/30/EU**, **2014/53/EU**, **2011/65/EU** and **2015/863/EU** of the European Union regarding electromagnetic compatibility (EMC), market of radio equipment (RED) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoHS).

For the EMC and ERD assessment, the following standards were applied:

- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- EN 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with RoHS:

EU Directives 2011/65/EU and 2015/863/EU restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of RoHS directive compliance:

- RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Industrial Shields®

by Boot&Work Corp., S.L.

UK Declaration of Conformity

(n. 0295)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS Dali

Reference: 013000090001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described is confirmed to be in conformity with the legislation **2016/1091** and **2017/1206** of the United Kingdom regarding Electromagnetic compatibility Regulations and Radio Equipment Regulations and **2012/3032** for the restriction on use of certain hazardous substances in electrical and electronic equipment (UK RoHS).

For the Electromagnetic compatibility Regulations and Radio Equipment Regulations assessment, the following standards were applied:

- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- IEC 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- IEC 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with UK RoHS:

UK regulation 2012/3032 restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of UK RoHS regulation compliance:

- UK RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Declaración UE de Conformidad (n.º 0666)

Esta declaración se expide para dar conformidad a:

Modelo de producto: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS M-BUS MASTER

Referencia: 0130000A0001

Descripción del producto: *Industrial PLC based on ESP32, EMC and RED regulation.*

Nombre y Dirección del Fabricante: Boot & Work Corp, S.L
Pol. Ind. Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, España

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

El objeto de la declaración descrito anteriormente se confirma que es conforme con la legislación **2014/30/EU**, **2014/53/EU**, **2011/65/EU** y **2015/863/EU** de la Unión Europea en materia electromagnética (EMC), comercio de equipos radioeléctricos (RED) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoHS).

Para la evaluación respecto a EMC y RED, se aplicaron las siguientes normas:

- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Cláusula 8: EMC Zona A/B y Cláusula 11 LVD
- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Inmunidad
- EN 61000-6-4:2019 Compatibilidad Electromagnética (EMC). Parte 6-4: Normas genéricas. Norma de emisión en entornos industriales.
- EN 61000-6-2:2019 Compatibilidad electromagnética (EMC). Parte 6-2: Normas genéricas. Inmunidad en entornos industriales.



Industrial Shields®

by Boot&Work Corp., S.L.

Conformidad con la RoHS:

Las directivas de la UE 2011/65/UE y 2015/863/UE restringen el uso de las siguientes 10 sustancias en la fabricación de determinados tipos específicos de equipos eléctricos.

Si bien la restricción no es legalmente aplicable a los componentes, se reconoce que su cumplimiento es relevante para muchos clientes.

Definición de cumplimiento de la directiva RoHS:

- Cumple con RoHS significa que el producto no contiene ninguna de las sustancias restringido en las concentraciones y aplicaciones prohibidas por la directiva (por componentes)

Las sustancias restringidas y sus concentraciones máximas permitidas en el entorno homogéneo.

Concentración de sustancias:

Plomo 0,1%

Mercurio 0,1%

PBB 0,1%

PBDE 0,1%

Cromo hexavalente 0,1%

Cadmio 0,01%

DEHP 0,1%

BBP 0,1%

DBP 0,1%

DIBP 0,1%

Esta verificación se basa en una única evaluación de uno de los productos mencionados anteriormente, ello no implica una evaluación de toda la producción y no permite el uso de la prueba logotipo del laboratorio.

Firmado para y en representación de Industrial Shields, marca perteneciente a Boot & Work Corp, S.L

Sant Fruitós de Bages, 27 de febrero de 2025

Albert Prieto, CEO

Boot & Work Corp SL



EU Declaration of Conformity (n. 0666)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS M-BUS MASTER

Reference: 0130000A0001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is confirmed to be in conformity with the legislation **2014/30/EU**, **2014/53/EU**, **2011/65/EU** and **2015/863/EU** of the European Union regarding electromagnetic compatibility (EMC), market of radio equipment (RED) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoHS).

For the EMC and ERD assessment, the following standards were applied:

- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- EN 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with RoHS:

EU Directives 2011/65/EU and 2015/863/EU restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of RoHS directive compliance:

- RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



UK Declaration of Conformity (n. 0666)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS M-BUS MASTER

Reference: 0130000A0001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described is confirmed to be in conformity with the legislation **2016/1091** and **2017/1206** of the United Kingdom regarding Electromagnetic compatibility Regulations and Radio Equipment Regulations and **2012/3032** for the restriction on use of certain hazardous substances in electrical and electronic equipment (UK RoHS).

For the Electromagnetic compatibility Regulations and Radio Equipment Regulations assessment, the following standards were applied:

- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- IEC 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- IEC 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with UK RoHS:

UK regulation 2012/3032 restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of UK RoHS regulation compliance:

- UK RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Declaración UE de Conformidad (n.º 0296)

Esta declaración se expide para dar conformidad a:

Modelo de producto: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS GPS

Referencia: 013000050001

Descripción del producto: *Industrial PLC based on ESP32, EMC and RED regulation.*

Nombre y Dirección del Fabricante: Boot & Work Corp, S.L
Pol. Ind. Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, España

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

El objeto de la declaración descrito anteriormente se confirma que es conforme con la legislación **2014/30/EU**, **2014/53/EU**, **2011/65/EU** y **2015/863/EU** de la Unión Europea en materia electromagnética (EMC), comercio de equipos radioeléctricos (RED) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoHS).

Para la evaluación respecto a EMC y RED, se aplicaron las siguientes normas:

- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Cláusula 8: EMC Zona A/B y Cláusula 11 LVD
- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Inmunidad
- EN 61000-6-4:2019 Compatibilidad Electromagnética (EMC). Parte 6-4: Normas genéricas. Norma de emisión en entornos industriales.
- EN 61000-6-2:2019 Compatibilidad electromagnética (EMC). Parte 6-2: Normas genéricas. Inmunidad en entornos industriales.



Industrial Shields®

by Boot&Work Corp., S.L.

Conformidad con la RoHS:

Las directivas de la UE 2011/65/UE y 2015/863/UE restringen el uso de las siguientes 10 sustancias en la fabricación de determinados tipos específicos de equipos eléctricos.

Si bien la restricción no es legalmente aplicable a los componentes, se reconoce que su cumplimiento es relevante para muchos clientes.

Definición de cumplimiento de la directiva RoHS:

- Cumple con RoHS significa que el producto no contiene ninguna de las sustancias restringido en las concentraciones y aplicaciones prohibidas por la directiva (por componentes)

Las sustancias restringidas y sus concentraciones máximas permitidas en el entorno homogéneo.

Concentración de sustancias:

Plomo 0,1%

Mercurio 0,1%

PBB 0,1%

PBDE 0,1%

Cromo hexavalente 0,1%

Cadmio 0,01%

DEHP 0,1%

BBP 0,1%

DBP 0,1%

DIBP 0,1%

Esta verificación se basa en una única evaluación de uno de los productos mencionados anteriormente, ello no implica una evaluación de toda la producción y no permite el uso de la prueba logotipo del laboratorio.

Firmado para y en representación de Industrial Shields, marca perteneciente a Boot & Work Corp, S.L

Sant Fruitós de Bages, 27 de febrero de 2025

Albert Prieto, CEO

Boot & Work Corp SL



EU Declaration of Conformity (n. 0296)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS GPS

Reference: 013000050001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is confirmed to be in conformity with the legislation **2014/30/EU**, **2014/53/EU**, **2011/65/EU** and **2015/863/EU** of the European Union regarding electromagnetic compatibility (EMC), market of radio equipment (RED) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoHS).

For the EMC and ERD assessment, the following standards were applied:

- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- EN 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with RoHS:

EU Directives 2011/65/EU and 2015/863/EU restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of RoHS directive compliance:

- RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



UK Declaration of Conformity (n. 0296)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS GPS

Reference: 013000050001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described is confirmed to be in conformity with the legislation **2016/1091** and **2017/1206** of the United Kingdom regarding Electromagnetic compatibility Regulations and Radio Equipment Regulations and **2012/3032** for the restriction on use of certain hazardous substances in electrical and electronic equipment (UK RoHS).

For the Electromagnetic compatibility Regulations and Radio Equipment Regulations assessment, the following standards were applied:

- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- IEC 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- IEC 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with UK RoHS:

UK regulation 2012/3032 restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of UK RoHS regulation compliance:

- UK RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Declaración UE de Conformidad (n.º 0667)

Esta declaración se expide para dar conformidad a:

Modelo de producto: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS RTC DS3231M

Referencia: 0130000C0001

Descripción del producto: *Industrial PLC based on ESP32, EMC and RED regulation.*

Nombre y Dirección del Fabricante: Boot & Work Corp, S.L
Pol. Ind. Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, España

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

El objeto de la declaración descrito anteriormente se confirma que es conforme con la legislación **2014/30/EU**, **2014/53/EU**, **2011/65/EU** y **2015/863/EU** de la Unión Europea en materia electromagnética (EMC), comercio de equipos radioeléctricos (RED) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoHS).

Para la evaluación respecto a EMC y RED, se aplicaron las siguientes normas:

- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Cláusula 8: EMC Zona A/B y Cláusula 11 LVD
- EN 61131-2:2017 Autómatas programables. Parte 2: Requisitos y ensayos de los equipos - Inmunidad
- EN 61000-6-4:2019 Compatibilidad Electromagnética (EMC). Parte 6-4: Normas genéricas. Norma de emisión en entornos industriales.
- EN 61000-6-2:2019 Compatibilidad electromagnética (EMC). Parte 6-2: Normas genéricas. Inmunidad en entornos industriales.



Industrial Shields®

by Boot&Work Corp., S.L.

Conformidad con la RoHS:

Las directivas de la UE 2011/65/UE y 2015/863/UE restringen el uso de las siguientes 10 sustancias en la fabricación de determinados tipos específicos de equipos eléctricos.

Si bien la restricción no es legalmente aplicable a los componentes, se reconoce que su cumplimiento es relevante para muchos clientes.

Definición de cumplimiento de la directiva RoHS:

- Cumple con RoHS significa que el producto no contiene ninguna de las sustancias restringido en las concentraciones y aplicaciones prohibidas por la directiva (por componentes)

Las sustancias restringidas y sus concentraciones máximas permitidas en el entorno homogéneo.

Concentración de sustancias:

Plomo 0,1%

Mercurio 0,1%

PBB 0,1%

PBDE 0,1%

Cromo hexavalente 0,1%

Cadmio 0,01%

DEHP 0,1%

BBP 0,1%

DBP 0,1%

DIBP 0,1%

Esta verificación se basa en una única evaluación de uno de los productos mencionados anteriormente, ello no implica una evaluación de toda la producción y no permite el uso de la prueba logotipo del laboratorio.

Firmado para y en representación de Industrial Shields, marca perteneciente a Boot & Work Corp, S.L

Sant Fruitós de Bages, 27 de febrero de 2025

Albert Prieto, CEO

Boot & Work Corp SL



EU Declaration of Conformity (n. 0667)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS RTC DS3231M

Reference: 0130000C0001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is confirmed to be in conformity with the legislation **2014/30/EU**, **2014/53/EU**, **2011/65/EU** and **2015/863/EU** of the European Union regarding electromagnetic compatibility (EMC), market of radio equipment (RED) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoHS).

For the EMC and ERD assessment, the following standards were applied:

- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- EN 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with RoHS:

EU Directives 2011/65/EU and 2015/863/EU restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of RoHS directive compliance:

- RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL



Industrial Shields®

by Boot&Work Corp., S.L.

UK Declaration of Conformity

(n. 0667)

This declaration is issued to attest conformity to:

Product model: ESP32 ETHERNET&WIFI&BLUETOOTH PLC 14 I/Os Analog/Digital PLUS RTC DS3231M

Reference: 0130000C0001

Product description: *Industrial PLC based on ESP32, EMC and RED regulation.*

Manufacturer's Name and Address: Boot & Work Corp, S.L
C/ Camí del Grau 25
08272 Sant Fruitós del Bages
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described is confirmed to be in conformity with the legislation **2016/1091** and **2017/1206** of the United Kingdom regarding Electromagnetic compatibility Regulations and Radio Equipment Regulations and **2012/3032** for the restriction on use of certain hazardous substances in electrical and electronic equipment (UK RoHS).

For the Electromagnetic compatibility Regulations and Radio Equipment Regulations assessment, the following standards were applied:

- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- IEC 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- IEC 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- IEC 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



Industrial Shields®

by Boot&Work Corp., S.L.

Compliance with UK RoHS:

UK regulation 2012/3032 restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of UK RoHS regulation compliance:

- UK RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

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Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Industrial Shields, a brand owned by Boot & Work Corp, S.L.

Sant Fruitós de Bages, 25th February 2025

Albert Prieto, CEO

Boot & Work Corp SL