



# Declaración UE de Conformidad (n.º 0007)

Esta declaración se expide para dar conformidad a:

**Modelo de producto:** M-DUINO PLC Arduino Ethernet 38AR I/Os Analog/Digital PLUS

**Referencia:** IS.MDuino.38AR+

**Descripción del producto:** *PLC Industrial basado en Arduino Mega, normativa EMC.*

**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 (ERD) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoSH).

Para la evaluación respecto a EMC y ERD, 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.

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## 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, 17 de julio de 2024

Albert Prieto, CEO

Boot & Work Corp  
SL



# EU Declaration of Conformity (n. 0007)

This declaration is issued to attest conformity to:

**Product model:** M-DUINO PLC Arduino Ethernet 38AR I/Os Analog/Digital PLUS

**Reference:** IS.MDuino.38AR+

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (ERD) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoSH).

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®

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### 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, 17th July 2024

Albert Prieto, CEO

Boot & Work Corp SL



# UK Declaration of Conformity (n. 0007)

This declaration is issued to attest conformity to:

**Product model:** M-DUINO PLC Arduino Ethernet 38AR I/Os Analog/Digital PLUS

**Reference:** IS.MDuino.38AR+

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (UKRoSH).

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.

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### 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, 17th July 2024

Albert Prieto, CEO  
Boot & Work Corp SL



# Declaración UE de Conformidad (n.º 0018)

Esta declaración se expide para dar conformidad a:

**Modelo de producto:** M-DUINO PLC ARDUINO ETHERNET & GPRS 38AR I/Os  
ANALOG/DIGITAL/RELAY PLUS

**Referencia:** 006001000700

**Descripción del producto:** *PLC Industrial basado en Arduino Mega, normativa EMC.*

**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 (ERD) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoSH).

Para la evaluación respecto a EMC y ERD, 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.

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## 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, 17 de julio de 2024

Albert Prieto, CEO

Boot & Work Corp  
SL





# EU Declaration of Conformity (n. 0018)

This declaration is issued to attest conformity to:

**Product model:** M-DUINO PLC ARDUINO ETHERNET & GPRS 38AR I/Os  
ANALOG/DIGITAL/RELAY PLUS

**Reference:** 006001000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (ERD) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoSH).

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



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## 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, 17th July 2024

Albert Prieto, CEO

Boot & Work Corp SL



Industrial Shields®

by Boot&Work Corp., S.L.

# UK Declaration of Conformity (n. 0018)

This declaration is issued to attest conformity to:

**Product model:** M-DUINO PLC ARDUINO ETHERNET & GPRS 38AR I/Os  
ANALOG/DIGITAL/RELAY PLUS

**Reference:** 006001000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (UKRoSH).

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.

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### 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, 17th July 2024

Albert Prieto, CEO  
Boot & Work Corp SL



# Declaración UE de Conformidad (n.º 0031)

Esta declaración se expide para dar conformidad a:

**Modelo de producto:** MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE & GPRS 38AR I/Os ANALOG/DIGITAL/RELAY PLUS

**Referencia:** 041001000700

**Descripción del producto:** *PLC Industrial basado en Arduino Mega, normativa EMC.*

**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 (ERD) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoSH).

Para la evaluación respecto a EMC y ERD, 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.

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## 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, 17 de julio de 2024

Albert Prieto, CEO

Boot & Work Corp  
SL



# EU Declaration of Conformity (n. 0031)

This declaration is issued to attest conformity to:

**Product model:** MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE & GPRS  
38AR I/Os ANALOG/DIGITAL/RELAY PLUS

**Reference:** 041001000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (ERD) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoSH).

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.

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### **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, 17th July 2024

Albert Prieto, CEO

Boot & Work Corp SL





Industrial Shields®

by Boot&Work Corp., S.L.

# UK Declaration of Conformity (n. 0031)

This declaration is issued to attest conformity to:

**Product model:** MDUINO PLC ARDUINO ETHERNET & WIFI & BLUETOOTH LE & GPRS  
38AR I/Os ANALOG/DIGITAL/RELAY PLUS

**Reference:** 041001000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (UKRoSH).

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.

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### 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, 17th July 2024

Albert Prieto, CEO  
Boot & Work Corp SL



# Declaración UE de Conformidad (n.º 0042)

Esta declaración se expide para dar conformidad a:

**Modelo de producto:** MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 38AR  
I/Os ANALOG/DIGITAL/RELAY PLUS

**Referencia:** 007001000700

**Descripción del producto:** *PLC Industrial basado en Arduino Mega, normativa EMC.*

**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 (ERD) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoSH).

Para la evaluación respecto a EMC y ERD, 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.

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## 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, 17 de julio de 2024

Albert Prieto, CEO

Boot & Work Corp  
SL



# EU Declaration of Conformity

## (n. 0042)

This declaration is issued to attest conformity to:

**Product model:** MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 38AR I/Os  
ANALOG/DIGITAL/RELAY PLUS

**Reference:** 007001000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (ERD) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoSH).

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.

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### **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, 17th July 2024

Albert Prieto, CEO

Boot & Work Corp SL



# UK Declaration of Conformity (n. 0042)

This declaration is issued to attest conformity to:

**Product model:** MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 38AR I/Os  
ANALOG/DIGITAL/RELAY PLUS

**Reference:** 007001000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (UKRoSH).

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.

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### 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, 17th July 2024

Albert Prieto, CEO  
Boot & Work Corp SL





Industrial Shields®

by Boot&Work Corp., S.L.

# Declaración UE de Conformidad (n.º 0055)

Esta declaración se expide para dar conformidad a:

**Modelo de producto:** MDUINO PLC ARDUINO ETHERNET & LoRa (868 - 915MHz) 38AR  
I/Os ANALOG/DIGITAL/RELAY PLUS

**Referencia:** 015001000700

**Descripción del producto:** *PLC Industrial basado en Arduino Mega, normativa EMC.*

**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 (ERD) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoSH).

Para la evaluación respecto a EMC y ERD, 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.

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## 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, 17 de julio de 2024

Albert Prieto, CEO

Boot & Work Corp  
SL



# EU Declaration of Conformity

## (n. 0055)

This declaration is issued to attest conformity to:

**Product model:** MDUINO PLC ARDUINO ETHERNET & LoRa (868 - 915MHz) 38AR I/Os  
ANALOG/DIGITAL/RELAY PLUS

**Reference:** 015001000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (ERD) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoSH).

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.

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### 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, 17th July 2024

Albert Prieto, CEO

Boot & Work Corp SL



# UK Declaration of Conformity (n. 0055)

This declaration is issued to attest conformity to:

**Product model:** MDUINO PLC ARDUINO ETHERNET & LoRa (868 - 915MHz) 38AR I/Os  
ANALOG/DIGITAL/RELAY PLUS

**Reference:** 015001000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (UKRoSH).

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.

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### 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, 17th July 2024

Albert Prieto, CEO  
Boot & Work Corp SL



# Declaración UE de Conformidad (n.º 0068)

Esta declaración se expide para dar conformidad a:

**Modelo de producto:** MDUINO PLC Arduino Ethernet & DALI 38AR I/Os Relay/Analog/Digital PLUS

**Referencia:** 004001000700

**Descripción del producto:** *PLC Industrial basado en Arduino Mega, normativa EMC.*

**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 (ERD) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoSH).

Para la evaluación respecto a EMC y ERD, 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.

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## 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, 17 de julio de 2024

Albert Prieto, CEO

Boot & Work Corp  
SL





# EU Declaration of Conformity (n. 0068)

This declaration is issued to attest conformity to:

**Product model:** MDUINO PLC Arduino Ethernet & DALI 38AR I/Os Relay/Analog/Digital PLUS

**Reference:** 004001000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (ERD) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoSH).

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.

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## 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, 17th July 2024

Albert Prieto, CEO

Boot & Work Corp SL



# UK Declaration of Conformity (n. 0068)

This declaration is issued to attest conformity to:

**Product model:** MDUINO PLC Arduino Ethernet & DALI 38AR I/Os Relay/Analog/Digital PLUS

**Reference:** 004001000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (UKRoSH).

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.

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### 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, 17th July 2024

Albert Prieto, CEO  
Boot & Work Corp SL



# Declaración UE de Conformidad (n.º 0081)

Esta declaración se expide para dar conformidad a:

**Modelo de producto:** MDUINO PLC Arduino Ethernet & M-BUS 38AR I/Os Analog/Digital PLUS

**Referencia:** 035002000700

**Descripción del producto:** *PLC Industrial basado en Arduino Mega, normativa EMC.*

**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 (ERD) y restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos (RoSH).

Para la evaluación respecto a EMC y ERD, 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.

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## 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, 17 de julio de 2024

Albert Prieto, CEO

Boot & Work Corp  
SL



# EU Declaration of Conformity (n. 0081)

This declaration is issued to attest conformity to:

**Product model:** MDUINO PLC Arduino Ethernet & M-BUS 38AR I/Os Analog/Digital PLUS

**Reference:** 035002000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (ERD) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoSH).

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.

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### 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, 17th July 2024

Albert Prieto, CEO

Boot & Work Corp SL





# UK Declaration of Conformity (n. 0081)

This declaration is issued to attest conformity to:

**Product model:** MDUINO PLC Arduino Ethernet & M-BUS 38AR I/Os Analog/Digital PLUS

**Reference:** 035002000700

**Product description:** *Industrial PLC based on Arduino Mega, EMC 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 (UKRoSH).

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.

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### 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, 17th July 2024

Albert Prieto, CEO  
Boot & Work Corp SL



Industrial Shields®

by Boot&Work Corp., S.L.

## Artículo 33, apartado 1 DECLARACIÓN DE CUMPLIMIENTO REACH

### REACH Artículo 33 (1) - Comunicación sobre sustancias extremadamente preocupantes en los productos

Fecha de la versión de la lista de candidatos de REACH*	25/01/2025
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A quien le interese,

Por la presente le enviamos información relacionada con el reglamento REACH (Reglamento (CE) n.º 1907/2006). De acuerdo con el artículo 33 (1) del reglamento REACH, esta comunicación se aplica a todos los Productos vendidos o comercializados por **Industrial Shields®**, marca comercial de **Boot & Work Corp. S.L.**, antes de la fecha de firma que se muestra a continuación.

Ninguno de nuestros productos contiene SVHC, según la versión de la lista con fecha anterior, en una concentración por encima del umbral de 0,1% peso por peso a nivel del artículo.

#### Limitaciones

Industrial Shields cree que la información proporcionada en este documento es precisa. La información proporcionada se basa en datos obtenidos de la debida diligencia continua con respecto a bienes y materiales proporcionados por proveedores externos. Industrial Shields proporciona dicha información sin manipular, sin ninguna garantía expresa o implícita de ningún tipo. Industrial Shields se reserva el derecho a actualizar y modificar esta comunicación, según lo crea necesario u oportuno.

No dude en solicitar más información en el correo electrónico [ggp@industrialshields.com](mailto:ggp@industrialshields.com)

**Nombre:** ALBERT PRIETO MALE

**Firma:** 

**Título:** CEO

**Fecha:** 26/01/2025

**Dirección:** C/ Camí del Grau, 25

**Teléfono:** 938760191

(cont.) 08272 Sant Fruitós del Bages, Barcelona



# Industrial Shields®

by Boot&Work Corp., S.L.

## Article 33, section 1 REACH COMPLIANCE DECLARATION

### REACH Article 33 (1) - Communication on substances of very high concern in products

REACH candidate list version date*	01/25/2025
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To whom It may concern,

We hereby send you information related to the REACH regulation (Regulation (EC) No.1907/2006). In accordance with article 33 (1) of the REACH regulation, this communication applies to all Products sold or marketed by **Industrial Shields®**, **Boot & Work Corp. S.L.** brand, before the signature date shown below.

None of our products contain SVHC, according to the backdated version of the listing, at a concentration above the threshold of 0.1% w/w at the item level.

#### Limitations

Industrial Shields believes that the information provided in this document is accurate. The information provided is based on data obtained from ongoing due diligence regarding goods and materials provided by third party suppliers. Industrial Shields provides such information unmanipulated, without any express or implied warranty of any kind. Industrial Shields reserves the right to update and modify this communication as it deems necessary or appropriate.

Do not hesitate to request more information by emailing [ggp@industrialshields.com](mailto:ggp@industrialshields.com)

**Name:** ALBERT PRIETO MALE

**Title:** CEO

**Address:** C/ Camí del Grau, 25

(cont.) 08272 Sant Fruitós del Bages, Barcelona, Spain.

**Signature:** 

**Date:** 01/26/2025

**Phone:** 938760191