

# Declaration of Conformity

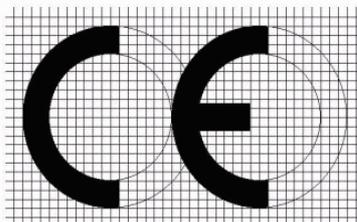
According to

**RoHS Directive 2011/65/EU**

**For the following**

**Product** : Digital Motor Protection Relay  
**Model Name** : DSP-3SD  
**Variant Model Name** : DSP-2SD  
**Company Name** : SAMWHA DSP CO., LTD.  
**Company Address** : 3rd floor, 69, Eles-ro 91beon-gil, Gunpo-si, Gyeonggi-do, Korea  
**Manufactured Name** : SAMWHA DSP CO., LTD.  
**Manufactured Address** : 3rd floor, 69, Eles-ro 91beon-gil, Gunpo-si, Gyeonggi-do, Korea

This declaration of conformity is issued under the sole responsibility of the manufacturer. The object of the declaration does not contain any of the substances in exceed of the maximum concentration values in EU Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011, unless the substances are in an application that is exempt under RoHS.



**The standards relevant for the evaluation of RoHS requirements are as follows:**

**EN 50581:2012** : Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**EN 62321:2009** : Electrotechnical products - Determination of levels of six regulated substances(lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers)

**Date of issue: August 07, 2020**

SAMWHA DSP CO., LTD.  
3rd floor, 69, Eles-ro 91beon-gil, Gunpo-si,  
Gyeonggi-do, Korea

A handwritten signature in black ink, appearing to be 'P.G. Lim', is written over a dashed horizontal line.

Technical Director / P.G Lim

# *EU Declaration of Conformity*

**Ref No.:** SR-20-0335

**Manufacturer:** SamWha DSP Co., LTD

The third floor, 69, LS-ro 91beon-gil, Gunpo-si, Gyeonggi-do,  
Republic of Korea

**Product:** Digital Motor Protection Relay

**Model(s):** DSP-3SD, DSP-3SD-RG, DSP-2SD

**Harmonized standard:** EN 60255-27:2014

**We herewith declare,**

*that the above product complies with the appropriate basic safety and health requirements of the EU Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

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

Date: September 4, 2020

according to  
Low Voltage Directive 2014/35/EU

Signature



A handwritten signature in black ink, appearing to read 'P.G. Lim', is written over a horizontal line.

Technical Director / P.G Lim

# EC declaration Of Conformity



**according to EMC Directive 2014/30/EU**

*that the following equipment complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

**Applicant :** SamWha DSP Co., LTD.

**Address :** The third floor, 69, LS-ro 91beon-gil, Gunpo-si, Gyeonggi-do, Republic of Korea

**Manufacturer :** SamWha DSP Co., LTD.

**Address :** The third floor, 69, LS-ro 91beon-gil, Gunpo-si, Gyeonggi-do, Republic of Korea

**Report No. :** STD-CE-20041

**Equipment Description :** DIGITAL MOTOR PROTECTION RELAY

**Equipment Type :** DSP-3SD

**Family Model :** DSP-3SD-RG, DSP-2SD

**Test Required :** EN 61326-1:2013  
EN 55011:2016/A1:2017 Group1 [Class A]

**TESTED by :**

*Date: June 30, 2020*

*Signature*

**Standard Engineering Co., Ltd.**

**EMC Laboratory**

**Main Office :** 804 Acetechnotower I , 38-9, Digital-ro 31-gil, Guro-gu, Seoul, 08376, Republic of Korea

Tel.: +82-2-851-3644, Fax :+82-2-839-6549

**EMC Lab :** 145, Hwanggeumteo-gil, Eumam-myeon, Seosan-si, Chungcheongnam-do, 31941, Republic of Korea

Tel.: +82-41-663-9436, Fax :+82-41-663-9434

e-mail: stdeng@stdeng.com

  
Technical Director / P.G Lim



NO: AOM-13052

# EC DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**

Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

*Description : Digital Motor Protective Relay*

*Model Name : DSP-AOM*

*Serial No. : AOM-130410*

*Specification :*

*- Rating : AC 85~260V, 50/60Hz, 0.5~10A*

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

LVD Directive 2006/95/EC (As amended by 92/31/EEC)  
EMC Directive 2004/108/EC

**Applied standards**

IEC 61000-4-18 (2011), IEC 61000-4-4(2011),  
IEC 61000-4-2(2008) , IEC 61000-4-5(2005), IEC  
61000-4-3(2010), IEC 61000-4-6(2008), IEC 60255-  
5(2000)

**Test Report issued by KOREA ELECTROTECHNOLOGY REARCH INSTITUTE  
(Test No. : 2013TS01495 / 2013TS01532)**

**SAMWHADSP Co., Ltd.**

May 23, 2013

Date

Meeza Park / President



NO: AOM-13052

# EC DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**

Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

*Description : Digital Motor Protective Relay*

*Model Name : DSP-AOM*

*Serial No. : AOM-130410*

*Specification :*

*- Rating : AC 85~260V, 50/60Hz, 0.5~10A*

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

LVD Directive 2006/95/EC (As amended by 92/31/EEC)  
EMC Directive 2004/108/EC

**Applied standards**

IEC 61000-4-18 (2011), IEC 61000-4-4(2011),  
IEC 61000-4-2(2008) , IEC 61000-4-5(2005), IEC  
61000-4-3(2010), IEC 61000-4-6(2008), IEC 60255-  
5(2000)

**Test Report issued by KOREA ELECTROTECHNOLOGY REARCH INSTITUTE  
(Test No. : 2013TS01495 / 2013TS01532)**

**SAMWHADSP Co., Ltd.**

May 23, 2013

Date

Meeza Park / President



# DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**  
Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

*Description : Digital Motor-Protective Relay*

*Model Name : DSP-AOM/AOL*

*Serial No. : AOM130402*

*Specification :*

*- Rating : AC 260V, 50/60Hz, 10A*

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

**LVD Directive 2006/95/EC (As amended by 92/31/EEC)**

**EMC Directive 2004/108/EC**

**Applied standards IEC 61000-4-2/-3/-5/-6/-18 (2011)/IEC60255-5**

**Test Report issued by KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE  
(Test No. : 2012TS01532.2013TS01495)**

**SAMWHADSP Co., Ltd.**

**May 31, 2013**

**Date**

  
**Pyung Guk, Lim / Technical Director**

# EC declaration Of Conformity



**according to EMC Directive 2014/30/EU**

*that the following equipment complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

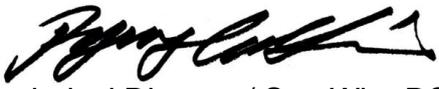
**Applicant :** Samwha Engineering Co.  
**Address :** 18dong 10ho, Industrial Material Center, 16, Yutongdanji-ro, Buk-gu, Daegu, Korea  
**Manufacturer :** Samwha Engineering Co.  
**Address :** 18dong 10ho, Industrial Material Center, 16, Yutongdanji-ro, Buk-gu, Daegu, Korea  
**Report No. :** STD-CE-19137  
**Equipment Description :** Digital Motor Protection Relay  
**Equipment Type :** DSP-AOM  
**Family Model :** DSP-AOL  
**Test Required :** EN 61326-1:2013  
EN 55011:2016 [Class A]

**TESTED by :**

*Date: September 29, 2019*

*Signature*

**Standard Engineering Co., Ltd.**  
**EMC Laboratory**  
**Main Office :** 804 Acetechnotower I , 38-9, Digital-ro 31-gil, Guro-gu, Seoul, 08376, Republic of Korea  
Tel.: +82-2-851-3644, Fax :+82-2-839-6549  
**EMC Lab :** 145, Hwanggeumteo-gil, Eumam-myeon, Seosan-si, Chungcheongnam-do, 31941, Republic of Korea  
Tel.: +82-41-663-9436, Fax :+82-41-663-9434  
e-mail: stdeng@stdeng.com

  
Technical Director / SamWha DSP  
Authorized by  

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*Park, Mi-Ja / President*

# *EU Declaration of Conformity*

**Ref No.:** SR-19-0925

**Manufacturer:** Samwha Engineering Co.

18dong 10ho, Industrial Material Center, 16, Yutongdanji-ro,  
Buk-gu, Daegu, Korea

**Product:** Digital Motor Protection Relay

**Model(s):** DSP-AOM, DSP-AOL

**Harmonized standard:** EN 60255-27:2014

**We herewith declare,**

*that the above product complies with the appropriate basic safety and health requirements of the EU Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

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

Date: November 15, 2019

according to  
Low Voltage Directive 2014/35/EU



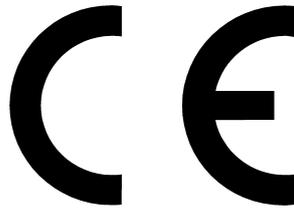
Signature

A handwritten signature in black ink, appearing to read 'Park Mi-Ja', written over a horizontal line.

Technical Director / SamWha DSP  
Authorized by

*Park, Mi-Ja / President*

# EC declaration Of Conformity



**according to EMC Directive 2014/30/EU**

*that the following equipment complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

**Applicant :** Samwha Engineering Co.  
**Address :** 18dong 10ho, Industrial Material Center, 16, Yutongdanji-ro, Buk-gu, Daegu, Korea  
**Manufacturer :** Samwha Engineering Co.  
**Address :** 18dong 10ho, Industrial Material Center, 16, Yutongdanji-ro, Buk-gu, Daegu, Korea  
**Report No. :** STD-CE-19138  
**Equipment Description :** Digital Motor Protection Relay  
**Equipment Type :** DSP-COM  
**Family Model :** DSP-COL, DSP-CTM, DSP-CTL, DSP-CCM, DSP-CCL  
**Test Required :** EN 61326-1:2013  
EN 55011:2016 [Class A]

**TESTED by :**

*Date: September 29, 2019*

*Signature*

**Standard Engineering Co., Ltd.**  
**EMC Laboratory**  
**Main Office :** 804 Acetechnotower I , 38-9, Digital-ro 31-gil, Guro-gu, Seoul, 08376, Republic of Korea  
Tel.: +82-2-851-3644, Fax :+82-2-839-6549  
**EMC Lab :** 145, Hwanggeumteo-gil, Eumam-myeon, Seosan-si, Chungcheongnam-do, 31941, Republic of Korea  
Tel.: +82-41-663-9436, Fax :+82-41-663-9434  
e-mail: stdeng@stdeng.com

Technical Director / SamWha DSP

Authorized by

*Park, Mi-Ja / President*

# *EU Declaration of Conformity*

**Ref No.:** SR-19-0926

**Manufacturer:** Samwha Engineering Co.

18dong 10ho, Industrial Material Center, 16, Yutongdanji-ro,  
Buk-gu, Daegu, Korea

**Product:** Digital Motor Protection Relay

**Model(s):** DSP-COM, DSP-COL, DSP-CTM, DSP-CTL, DSP-CCM,  
DSP-CCL

**Harmonized  
standard:** EN 60255-27:2014

**We herewith declare,**

*that the above product complies with the appropriate basic safety and health requirements of the EU Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

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

**Date:** November 15, 2019

according to  
Low Voltage Directive 2014/35/EU



Signature

A handwritten signature in black ink, appearing to read 'Park Mi-Ja', written over a horizontal line.

Technical Director / SamWha DSP  
Authorized by

*Park, Mi-Ja / President*

# *EU Declaration of Conformity*

Ref No.:

**Manufacturer: SAMWHA DSP CO., LTD.**

69, LS-ro 91beon-gil, Gunpo-si, Gyeonggi-do 15809, Rep. of Korea

**Product: DIGITAL DC LOAD PROTECTION RELAY**

**Model(s): DSP-DCR, DSP-DCR-M**

**Harmonized standard: EN 61010-1:2010**

**We herewith declare,**

*that the above product complies with the appropriate basic safety and health requirements of the EU Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

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

Date: October 17, 2016

according to  
Low Voltage Directive 2014/35/EU



Signature

A handwritten signature in black ink, appearing to read 'Park Mi Ja', written over a horizontal line.

Technical Director / SamWha DSP  
Authorized by \_\_\_\_\_

*PARK MI JA / President*

# EC declaration Of Conformity



**according to EMC Directive 2014/30/EU**

*that the following equipment complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

**Applicant :** SAMWHA DSP CO., LTD.  
**Address :** 69, LS-ro 91beon-gil, Gunpo-si, Gyeonggi- do 15809, Rep. of KOREA  
**Manufacturer :** SAMWHA DSP CO., LTD.  
**Address :** 69, LS-ro 91beon-gil, Gunpo-si, Gyeonggi- do 15809, Rep. of KOREA  
**Report No. :** STD-CE-16131  
**Equipment Description :** DIGITAL DC LOAD PROTECTION RELAY  
**Equipment Type :** DSP-DCR  
**Family Model :** DSP-DCR-M  
**Test Required :** EN 61326-1:2013  
EN 55011/A1:2010 (Class A)  
EN 61000-3-2:2014  
EN 61000-3-3:2013

TESTED by :

Date: October 4, 2016

Signature

Standard Engineering Co. Ltd.  
EMC Laboratory  
145, Hwanggeumteo-gil, Eumam-myeon, Seosan-si,  
Chungcheongnam-do 31941, Republic of Korea  
Tel.: +82-41-663-9436, Fax :+82-41-663-9434  
e-mail: stdeng@stdeng.com

  
Technical Director / SamWha DSP  
Authorized by \_\_\_\_\_  
PARK, MI JA / President



# DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**

Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

*Description : Digital Ground Fault Relay*

*Model Name : DGFR/DGFR-M*

*Serial No. : DG140425V32*

*Specification :*

*- Rating : AC 260V, 50/60Hz, 4A*

DSP Ltd.

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

**LVD Directive 2006/95/EC (As amended by 92/31/EEC)**

**EMC Directive 2004/108/EC**

**Applied standards IEC 61000-4-2/-3/-5/-6/-18 (2011)/IEC60255-5**

**Test Report issued by KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE  
(Test No. : 2014TS01885, 2014TS01886)**

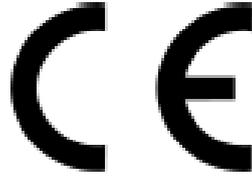
**SAMWHADSP Co., Ltd.**

Aug 1, 2014

Date

  
Pyung Guk, Lim / Technical Director

# EC declaration Of Conformity



according to EMC Directive 2004/108/EC

*that the following equipment complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

**Applicant :** SAMHWA ENG CO.  
**Address :** 18dong 9ho, 16 Yutongdanji-ro, Buk-gu, Daegu, Korea  
**Manufacturer :** SAMHWA ENG CO.  
**Address :** 18dong 9ho, 16 Yutongdanji-ro, Buk-gu, Daegu, Korea  
**Report No. :** STD-CE-15209  
**Equipment Description :** Digital 3 phase Voltage Relay  
**Equipment Type :** DSP-DVR  
**Test Required :** EN 61326-1:2013  
EN 55011/A1:2010 (Class A)  
EN 61000-3-2:2014  
EN 61000-3-3:2013

TESTED by :

Date: December 10, 2015

Signature

Standard Engineering Co. Ltd.  
EMC Laboratory  
145, Hwanggeumtao-gil, Eumam-myeon, Seosan-si,  
Chungcheongnam-do 31941, Republic of Korea  
Tel.: +82-41-883-0438, Fax : +82-41-883-0434  
e-mail: stdong@stdong.com

  
Authorized by **Park, Mi-za** / President

# EC Declaration of Conformity

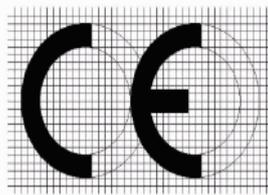
According to

## Low Voltage Directive 2006/95/EC

For the following

Product : Digital 3 phase Voltage Relay  
Model Name : DSP-DVR  
Variant Model Name : Not Applicable  
Applicant Name : SAMHWA ENG CO.  
Applicant Address : 18dong 9ho, 16 Yutongdanji-ro, Buk-gu, Daegu, Korea  
Manufactured Name : SAMHWA ENG CO.  
Applicant Address : 18dong 9ho, 16 Yutongdanji-ro, Buk-gu, Daegu, Korea

We hereby declare, Low Voltage Directive (2006/95/EC) are fulfilled, as laid out in the guide set down by the member states of the EEC Commission.  
This declaration is valid for all samples that are part of this declaration, which are manufactured according to the production charts appendix.



The standards relevant for the evaluation of LVD requirements are as follows:

Test Standard : EN 61010-1:2010

Date of issue: December 18, 2015

SAMHWA ENG CO.  
18dong 9ho, 16 Yutongdanji-ro, Buk-gu, Daegu,  
Korea

  
Technical Director/Pyung G Lim

# EC declaration Of Conformity



**according to EMC Directive 2014/30/EU**

*that the following equipment complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

**Applicant :** SamWha DSP Co., LTD

**Address :** the third floor, 69, LS-ro 91beon-gil, Gunpo-si, Gyeonggi-do, Korea

**Manufacturer :** SamWha DSP Co., LTD

**Address :** the third floor, 69, LS-ro 91beon-gil, Gunpo-si, Gyeonggi-do, Korea

**Report No. :** STD-CE-19136

**Equipment Description :** Insulation Resistance Measurement Relay

**Equipment Type :** DSP-IRM

**Family Model :** DSP-IR

**Test Required :** EN 61326-1:2013  
EN 55011:2016 [Class A]

**TESTED by :**

*Date: September 28, 2019*

*Signature*

**Standard Engineering Co., Ltd.**  
**EMC Laboratory**  
**Main Office :** 804 Acetechnotower I , 38-9, Digital-ro 31-gil, Guro-gu,  
Seoul, 08376, Republic of Korea  
Tel.: +82-2-851-3644, Fax :+82-2-839-6549  
**EMC Lab :** 145, Hwanggeumteo-gil, Eumam-myeon, Seosan-si,  
Chungcheongnam-do, 31941, Republic of Korea  
Tel.: +82-41-663-9436, Fax :+82-41-663-9434  
e-mail: stdeng@stdeng.com

  
Technical Director / SamWha DSP  
Authorized by

*Park, Mi-Ja / President*

# *EU Declaration of Conformity*

**Ref No.:** SR-19-0921

**Manufacturer:** SAMWHA DSP CO., LTD.

The third floor, 69, LS-ro 91beon-gil, Gunpo-si, Gyeonggi-do 15809,  
Rep. of Korea

**Product:** Insulation Resistance Measurement Relay

**Model(s):** DSP-IRM, DSP-IR

**Harmonized standard:** EN 60255-27:2014

**We herewith declare,**

*that the above product complies with the appropriate basic safety and health requirements of the EU Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

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

Date: November 6, 2019

according to  
Low Voltage Directive 2014/35/EU



Signature

A handwritten signature in black ink, appearing to read 'Park Mi-Ja'.

Technical Director / SamWha DSP  
Authorized by \_\_\_\_\_

*Park, Mi-Ja / President*

# EC Declaration of Conformity

According to

## Low Voltage Directive 2014/35/EU

**For the following**

**Product** : Digital Complexed Panel Meter  
**Model Name** : DSP-M200  
**Variant Model Name** : DSP-M200-C, DSP-M200-VA, DSP-M200-VA-C  
**Applicant Name** : SAMWHA DSP CO., LTD.  
**Applicant Address** : 69, LS-ro 90 beon-gil, Gunpo-si, Gyeonggi-do, 15809, Rep. of KOREA  
**Manufactured Name** : Same as above  
**Manufactured Address** : Same as above

We hereby declare, Low Voltage Directive (2014/35/EU) are fulfilled, as laid out in the guide set down by the member states of the EEC Commission.  
This declaration is valid for all samples that are part of this declaration, which are manufactured according to the production charts appendix.

The standards relevant for the evaluation of LVD requirements are as follows:

**Test Standard** : EN 61010-1:2010

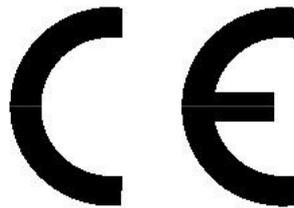
SAMWHA SAP CO., LTD.  
69, LS-ro 91 beon-gil, Gunpo-si, Gyeonggi-do, 15809,  
Rep. of Korea

Date of issue: August 30, 2018



Technical Director

# EC declaration Of Conformity



**according to EMC Directive 2014/30/EU**

*that the following equipment complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.*

**Applicant :** SAMWHA DSP CO., LTD.  
**Address :** 69, LS-ro 91beon-gil, Gunpo-si, Gyeonggi-do 15809, Rep. of KOREA  
**Manufacturer :** SAMWHA DSP CO., LTD.  
**Address :** 69, LS-ro 91beon-gil, Gunpo-si, Gyeonggi-do 15809, Rep. of KOREA  
**Report No. :** STD-CE-18078  
**Equipment Description :** Digital Complexed Panel Meter  
**Equipment Type :** DSP-M200  
**Family Model :** DSP-M200-C, DSP-M200-VA, DSP-M200-VA-C  
**Test Required :** EN 61326-1:2013  
EN 55011:2016 [Class A]

TESTED by :

Date: July 30, 2018

Signature

Standard Engineering Co., Ltd.  
EMC Laboratory  
Main Office : 804 Acetechnotower I , 38-9, Digital-ro 31-gil, Guro-gu,  
Seoul, 08376, Republic of Korea  
Tel.: +82-2-851-3644, Fax :+82-2-839-6549  
EMC Lab : 145, Hwanggeumteo-gil, Eumam-myeon, Seosan-si,  
Chungcheongnam-do, 31941, Republic of Korea  
Tel.: +82-41-663-9436, Fax :+82-41-663-9434  
e-mail: stdeng@stdeng.com

Authorized by

PARK MI JA / President



# DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**

Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

*Description : Digital Motor-Protective Relay*

*Model Name : DSP-POL*

*Serial No. : POL120702*

*Specification :*

*- Rating : AC 260V, 50/60Hz, 10A*

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

**LVD Directive 2006/95/EC (As amended by 92/31/EEC)**

**EMC Directive 2004/108/EC**

**Applied standards IEC 61000-4-2/-3/-5/-6/-18 (2011)**

**Test Report issued by KOREA ELECTROTECHNOLOGY REARCH INSTITUTE  
(Test No. : 2012TS01928)**

**SAMWHADSP Co., Ltd.**

Sep 07, 2012

Date



Pyung Guk, Lim / Technical Director



# DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**

Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

*Description : Digital Motor-Protective Relay*

*Model Name : DSP-POL*

*Serial No. : POL120702*

*Specification :*

*- Rating : AC 260V, 50/60Hz, 10A*

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

**LVD Directive 2006/95/EC (As amended by 92/31/EEC)**

**EMC Directive 2004/108/EC**

**Applied standards IEC 61000-4-2/-3/-5/-6/-18 (2011)/IEC60255-5**

**Test Report issued by KOREA ELECTROTECHNOLOGY REARCH INSTITUTE  
(Test No. : 2012TS01928.2013TS01533)**

**SAMWHADSP Co., Ltd.**

May 31, 2013

Date

  
Pyung Guk, Lim / Technical Director



# DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**

Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

**Description : Digital Motor-Protective Relay**

**Model Name : DSP-SDTR**

**Serial No. : SD120725V22**

**Specification :**

**- Rating : AC110/220V, 50/60Hz.SDDT/DOMT**

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

LVD Directive 2006/95/EC (As amended by 92/31/EEC)

EMC Directive 2004/108/EC

**Applied standards** IEC 61000-4-2/-3/-4/-5/-6 (2011), IEC 60255-5(2000),  
IEC 60255-22-3/-4/-5(2002)

**Test Report issued by KOREA ELECTROTECHNOLOGY REARCH INSTITUTE**  
(Test No. : 2012TS03271)

**SAMWHADSP Co., Ltd.**

Nov 20, 2012

Date

  
Pyung Guk, Lim / Technical Director



# DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**

Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

**Description : Under Voltage Protection Relay**

**Model Name : DSP-UVR22**

**Serial No. : SWDSP-080312**

**Specification :**

**- Rating : AC 160V~200V**

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

LVD Directive 73/23/IEC amended by 93/68/IEC

EMC Directive 89/336/IEC

**Applied standards** IEC 60255-5(2000), -22-1(2007), -22-4(2008),  
-22-5(2002), 22-6(2001)

**Test Report issued by : Korea Electrotechnology Research Institute  
(Test No. : 2008TS01046)**

SAMWHADSP Co., Ltd.

June 16, 2008

Date

Pyung-Guk, Lim / Technical Director



# DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**

Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

**Description : Digital Motor-Protective Relay**

**Model Name : DSP-5EM**

**Serial No. : 5E110906**

**Specification :**

**- Rating : AC 260V, 50/60Hz, 70A**

**DSP Ltd.**

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

LVD Directive 2006/95/EC (As amended by 92/31/EEC)

EMC Directive 2004/108/EC

**Applied standards** IEC 61000-4-2/-3/-5/-6/-18 (2011), IEC 60255-5(2000),  
IEC 60255-22-3/-4/-5(2002)

**Test Report issued by** KOREA ELECTROTECHNOLOGY REARCH INSTITUTE  
(Test No. : 2011TS02182)

**SAMWHADSP Co., Ltd.**

Dec 27, 2012

Date

Pyung Guk, Lim / Technical Director



# DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**

Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

*Description : Motor Protection Relay*

*Model Name : DSP-VIP*

*Serial No. : SWDSP-080310*

*Specification :*

*- Rating : AC 0.5A~70A, AC 110/220/380/440V,  
Power Supply : AC 85V~260V, 50/60Hz  
DC 120V~370V*

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

LVD Directive 73/23/IEC amended by 93/68/IEC

EMC Directive 89/336/IEC

**Applied standards** IEC 60255-3(1989), -5(2000), -22-1(2007), -22-2(2008),  
-22-3(2007), -22-4(2008), -22-5(2002), -22-6(2001)

**Test Report issued by : Korea Electrotechnology Research Institute  
(Test No. : 2008TS00886)**

SAMWHADSP Co., Ltd.

May. 22, 2008

Date

  
Pyung Guk, Lim/Technical Director



# DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**

Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

**Description : Digital Motor-Protective Relay with Insulation Resistance Measurement**

**Model Name : VIP-RTM**

**Serial No. : RT090709**

**Specification :**

**- Rating : 0.5~15A, AC 85~260V, 50/60Hz, DC 120V~370V**

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

LVD Directive 73/23/IEC amended by 93/68/IEC

EMC Directive 89/336/IEC

**Applied standards** IEC 60255-3(1989), -5(2000), -22-1(2007), -22-2(2008), -22-3(2007), -22-4(2008), -22-5(2002), -22-6(2001)

**Test Report issued by KOREA ELECTROTECHNOLOGY REARCH INSTITUTE  
(Test No. : 2008TS00886, 2009TS01698)**

**SAMWHADSP Co., Ltd.**

Aug 18, 2009

Date

Pyung Guk, Lim / Technical Director



# DECLARATION Of Conformity

**SAMWHADSP Co., Ltd.**

Tel: +82-2-6220-3551 Fax: +82-2-6220-3554

We, SAMWHADSP Co., Ltd. 1110, Ace High-End Tower, #235-2, Guro-dong, Guro-gu, Seoul, Republic of Korea declares CE as here under our sole Responsibility that the product described below to which this declaration relates is in conformity with the following Directives and Standards.

**Description : Voltage based Phase Loss &  
Reverse Phase Protection Relay**

**Model Name : DSP-VPR44**

**Serial No. : SWDSPA-080311**

**Specification :**

**- Rating : AC 320V~480V**

**Manufacturer : SAMWHADSP Co., Ltd.**

**Directives this product complies with**

LVD Directive 73/23/IEC amended by 93/68/IEC

EMC Directive 89/336/IEC

**Applied standards** IEC 60255-5(2000), -22-1(2007), -22-3(2007)  
-22-4(2008), -22-5(2002), 22-6(2001)

**Test Report issued by : Korea Electrotechnology Research Institute  
(Test No. : 2008TS01045)**

SAMWHADSP Co., Ltd.

June 16, 2008

Date

Pyung-Guk, Lim / Technical Director