

EU Declaration of Conformity

Original – English

YASKAWA ELECTRIC CORPORATION
480 Kamifujisawa, Iruma-Shi Saitama 358-8555 Japan

declares under sole responsibility conformity of the following products

AC Servo Amplifiers SERVOPACK

Model: SGD7S-*** , SGD7W-***** ,
SGD7C-*******

(Refer to page 8 for the details of the model designation covered by this declaration of conformity)

Serial Number: FFYYM*****
(FF = D0, 1A, F0, 1R, 1W
YY = 23...28
M = 1...9, X, Y, Z
***** = 8 digits of alphanumeric character

The object of the declaration: Directive of the European Parliament and Council

Electromagnetic Compatibility Directive (EMC):	2014/30/EU
Low Voltage Directive (LVD):	2014/35/EU
Machine Directive (MD):	2006/42/EC
Restriction of the use of certain Hazardous Substances (RoHS):	2011/65/EU amended by (EU)2015/863

Applied harmonized standards:	EN 55011: 2016/A11:2020 (Group 1, Class A) EN 61800-3: 2004/A1: 2012 (Cat. C2, Second Environment) EN 61000-6-2: 2005 EN 61000-6-4: 2007/A1: 2011 EN IEC 62061: 2021(maximum SIL 3) EN ISO 13849-1: 2015 (PL e (Cat.3)) EN 61800-5-1: 2007/A1:2017 EN 61800-5-2: 2007 (SIL 3) EN IEC 63000: 2018
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Person located in the EU that is authorized to compile technical file	YASKAWA Europe GmbH Philipp-Reis-Str. 6, 65795 Hattersheim am Main, Germany
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YASKAWA ELECTRIC CORPORATION
480 Kamifujisawa, Iruma-shi, Saitama 358-8555 Japan

Saitama – JAPAN / 6th November 2023
Place / Date

Factory Manager


Name: Kenji.Watanabe

EU Declaration of Conformity

YASKAWA

Ref. No. 900-247-306 <3>

Page 2

Translation – German | French | Italian | Spanish | Portugese

EG-Konformitätserklärung | Déclaration de conformité CE | Dichiarazione di conformità CE

Declaración de Conformidad de la CE | Declaração de Conformidade CE

YASKAWA ELECTRIC CORPORATION

480 Kamifujisawa, Iruma-Shi Saitama 358-8555 Japan

declares under sole responsibility conformity of the following products

erklärt in alleiniger Verantwortung die Konformität für folgende Produkte

déclare, sous sa seule responsabilité, que-les produits

dichiara sotto la propria esclusiva responsabilità la conformità dei seguenti prodotti

bajo su exclusiva responsabilidad la conformidad para los siguientes productos

declara, sob a sua exclusiva responsabilidade, a conformidade dos seguintes produtos

AC Servo Amplifiers SERVOPACK

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8 dígitos de carácter alfanumérico/ 8 dígitos de caractere alfanumérico**The object of the declaration: Directive of the European Parliament and Council**

Richtlinie des Europäischen Parlamentes und Rates / Directive du Parlement européen et du Conseil /

Direttiva del Parlamento europeo e del Consiglio / Directiva del Parlamento Europeo y del Consejo /

Diretiva do Parlamento Europeu e do Conselho

Electromagnetic Compatibility Directive (EMC):**2014/30/EU**

EMV-Richtlinie / Directive CEM/ Direttiva EMC /

Directiva sobre Compatibilidad Electromagnética / Diretiva CEM

Low Voltage Directive (LVD):**2014/35/EU**

Niederspannungsrichtlinie / Directive Basse Tension / Direttiva sulla bassa tensione /

Directiva de Baja Tensión / Diretiva "Baixa Tensão"

Machine Directive (MD):**2006/42/EC**

Maschinenrichtlinie / Directive machine / Direttiva Macchine /

Directiva de Máquinas / Directiva de máquinas

Restriction of the use of certain Hazardous Substances**2011/65/EU****(RoHS):****amended by (EU)2015/863**

Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten.

Relative à limitation de l'utilisation de certaines substances dangereuses dans les équipements électriques et électroniques.

Sulla restrizione dell'uso di determinate sostanze pericolose nelle apparecchiature elettriche ed elettroniche.

Sobre restricciones a la utilización de determinadas substancias peligrosas en aparatos eléctricos y electrónicos.

Relativa à restrição do uso de determinadas substâncias perigosas em equipamentos elétricos e eletrônicos.

Applied harmonized standards:

EN 55011: 2016/A11:2020 (Group 1, Class A)

Angewandte harmonisierte Norm: / Normes harmonisées appliquées:

EN 61800-3: 2004/A1: 2012

Norma armonizzata applicate: / Norma armonizada aplicada: /

(Cat. C2, Second Environment)

Normas harmonizadas aplicadas

EN 61000-6-2: 2005

EN 61000-6-4: 2007/A1: 2011

EN IEC 62061: 2021(maximum SIL 3)

EN ISO 13849-1: 2015 (PL e (Cat.3))

EN 61800-5-1: 2007/A1:2017

EN 61800-5-2: 2007 (SIL 3)

EN IEC 63000: 2018

Person located in the EU that is authorized to compile technical file**YASKAWA Europe GmbH**

Zur Zusammenstellung technischer Unterlagen bevollmächtigt:

In der EU ansässige Person, die berechtigt ist, technische Unterlagen zusammenzustellen

Personne située dans l'UE qui est autorisée à constituer le dossier technique

Persona con sede nell'UE autorizzata a compilare fascicolo tecnico

Pessoa localizada na UE que está autorizada a compilar o arquivo técnico

Philipp-Reis-Str. 6, 65795 Hattersheim am
Main, Germany**YASKAWA ELECTRIC CORPORATION**

480 Kamifujisawa, Iruma-shi, Saitama 358-8555 Japan

Saitama – JAPAN / 6th November 2023

Factory Manager

Place / Date

Ort, Datum / Lieu et date / Luogo, data

Lugar, Fecha / Local, data



Name: Kenji.Watanabe

EU Declaration of Conformity

YASKAWA

Ref. No. 900-247-306 <3>

Page 3

Translation - Croatian | Slovene | Maltese

EZ Izjava o sukladnosti | Deklaracija o skladnosti ES

Dikjarazzjoni tal-KE dwar il-Konformità

YASKAWA ELECTRIC CORPORATION

480 Kamifujisawa, Iruma-Shi Saitama 358-8555 Japan

declares under sole responsibility conformity of the following products

pod isključivom odgovornošću izjavljuje sukladnost sjedećih proizvoda

na lastno odgovornost potrjuje skladnost naslednjih izdelkov

tiddikjara taht ir-responsabbiltà unika tagħha l-konformità tal-prodotti li għejjin

AC Servo Amplifiers SERVOPACK

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The object of the declaration: Directive of the European Parliament and Council

Direktiva Evropskog parlamenta i Vijeća / Direktiva Evropskega parlamenta in Sveta

Direttiva tal-Parlament Ewropew u tal-Kunsill

Electromagnetic Compatibility Directive (EMC):

2014/30/EU

Direktiva o elektromagnetskoj kompatibilnosti (EMC) / EMC direktiva

Direttiva dwar l-EMC

Low Voltage Directive (LVD):

2014/35/EU

Direktiva o niskom naponu / Nizkonapetostna direktiva

Direttiva dwar il-Voltaġġ Baxx

Machine Directive (MD):

2006/42/EC

Direktiva o strojevima / Direktiva o strojih / Direttiva tal-Magni

Restriction of the use of certain Hazardous Substances (RoHS):

2011/65/EU

amended by (EU)2015/863

O ograničenju uporabe određenih opasnih tvari u električnoj i elektroničkoj opremi.

O omejevanju uporabe nekaterih nevarnih snovi v električni in elektronski opremi.

Dwar ir-restrizzjoni tal-użu ta' čerti sustanzi perikoluži fit-tagħmir elettriku u elettroniku.

Applied harmonized standards:

Korišteni usklađeni standardi

Uporabljeni usklajeni standardi

Standard applikati armonizzati

EN 55011: 2016/A11:2020 (Group 1, Class A)

EN 61800-3: 2004/A1: 2012

(Cat. C2, Second Environment)

EN 61000-6-2: 2005

EN 61000-6-4: 2007/A1: 2011

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EN 61800-5-2: 2007 (SIL 3)

EN IEC 63000: 2018

Person located in the EU that is authorized to compile technical file

Osoba koja se nalazi u EU koja je ovlaštena sastavljati tehničku dokumentaciju

Osoba s sedežem v EU, ki je pooblašćena za sestavljanje tehnične

dokumentacije

Persuna li tinsab fl-UE li hija awtorizzata biex tiġbor fajl tekniku

YASKAWA Europe GmbH

Philipp-Reis-Str. 6, 65795 Hattersheim am
Main, Germany

YASKAWA ELECTRIC CORPORATION

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Saitama – JAPAN / 6th November 2023

Place / Date

Mjesto, datum / Kraj, datum

Post, Data

Factory Manager



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Page 4

Translation - Dutch | Irish | Greek | Bulgarian | Romanian
EG-conformiteitsverklaring | Dearbhú Comhréachta AE
Δήλωση Συμμόρφωσης ΕΚ | ΕΟ-Декларация за съответствие
Declarație de conformitate CE

YASKAWA ELECTRIC CORPORATION
480 Kamifujisawa, Iruma-Shi Saitama 358-8555 Japan

declares under sole responsibility conformity of the following products
verklaart onder eigen verantwoordelijkheid de conformiteit van de volgende producten
a dhearbhaíonn faoi fhreagracht aonair comhréachta na dtáirgí seo a leanas
επιβεβαιώνει, με αποκλειστική του ευθύνη, τη συμμόρφωση των ακόλουθων προϊόντων
декларира на собствена отговорност съответствието на следния продукт
declară pe răspunderea sa exclusivă conformitatea următoarelor produse

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8 цифри от буквено-цифрови символи / 8 cifre de caractere alfanumerice

The object of the declaration: Directive of the European Parliament and Council

Richtlijn van het Europese Parlement en de Europese Raad
Treoir ó Pharlaimint na hEora agus ón gComhairle / Οδηγία του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου
Директива на Европейския парламент и Съвета / Directiva Parlamentului European și a Consiliului

Electromagnetic Compatibility Directive (EMC): **2014/30/EU**

EMC-richtlijn / Treoir maidir le Comhoiriúnacht Leictreamaighnéadach
Οδηγία ηλεκτρομαγνητικής συμβατότητας (EMC) / Директива за електромагнитна съвместимост / Directive CEM

Low Voltage Directive (LVD): **2014/35/EU**

Laagspanningsrichtlijn / Treoir maidir le hísealvoltas
Οδηγία για τη χαμηλή τάση / Директивата за ниско напрежение / Directive voltaj scăzut

Machine Directive (MD): **2006/42/EC**

Machinerichtlijn / Treoir Meaisín / Οδηγία για τις μηχανές
Директива за машините / Directiva Maşini

Restriction of the use of certain Hazardous Substances (RoHS): **2011/65/EU**

amended by (EU)2015/863

Betreffende beperking van het gebruik van bepaalde gevaarlijke stoffen in elektrische en elektronische apparatuur.
Srian ar úsáid Substaintí Guaiseacha áirithe (RoHS). / Περιορισμός στη χρήση ορισμένων επικίνδυνων ουσιών (RoHS)
Ограничение за употребата на определени опасни вещества.

Privind restricțiile de utilizare a anumitor substanțe periculoase în echipamentele electrice și electronice.

Applied harmonized standards:

Toegepaste geharmoniseerde normen
Saihdeáin chomhchuibhithe atá curtha i bhfeidhm
Εφαρμοσμένα εναρμονισμένα πρότυπα
Приложени хармонизирани стандарти
Standarde armonizate aplicate

EN 55011: 2016/A11:2020 (Group 1, Class A)
EN 61800-3: 2004/A1: 2012
(Cat. C2, Second Environment)
EN 61000-6-2: 2005
EN 61000-6-4: 2007/A1: 2011
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EN 61800-5-1: 2007/A1:2017
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Person located in the EU that is authorized to compile technical file

Persoon gevestigd in de EU die bevoegd is om technisch dossier samen te stellen
Duine atá lonnaithe san AE atá údaraithe chun comhad teicniúil a thiomsú
Πρόσωπο που βρίσκεται στην ΕΕ και είναι εξουσιοδοτημένο για τη σύνταξη τεχνικού φακέλου
Лице, намиращо се в ЕС, което е упълномощено да съставя техническо досие
O persoană situată în UE care este autorizată să întocmească un dosar tehnic

YASKAWA Europe GmbH

Philipp-Reis-Str. 6, 65795 Hattersheim am
Main, Germany

YASKAWA ELECTRIC CORPORATION
480 Kamifujisawa, Iruma-shi, Saitama 358-8555 Japan

Saitama – JAPAN / 6th November 2023

Place / Date

Plaats, Datum / Ait, Dáta / Τόπος, ημερομηνία

Място, Дата / Locul, data

Factory Manager



Name: Kenji.Watanabe

Translation - Polish | Lithuanian | Czech | Slovak | Hungarian

Deklaracja zgodności WE | EB atitikties deklaracija

ES Prohlášení o shodě | Vyhlásenie o zhode ES

EK megfeleléségi nyilatkozat

YASKAWA ELECTRIC CORPORATION

480 Kamifujisawa, Iruma-Shi Saitama 358-8555 Japan

declares under sole responsibility conformity of the following products

oświadcza z wyłączną odpowiedzialnością, że niżej wymienione wyroby są zgodne z odpowiednimi przepisami unijnymi
prisiimdama atsakomybę patvirtina toliau nurodytų gaminių atitikį
Prohlašuje na svou výhradní odpovědnost shodu níže uvedených výrobků
potvrđzuje výlučnú zodpovednosť za zhodu pre nasledujúce výrobky
saját kizárólagos felelősségére kijelenti, hogy a következő termékek megfelelnek az alábbiakban megfogalmazott követelményeknek

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8 číslic alfanumerického znaku / 8 számjegyű alfanumerikus karakter**The object of the declaration: Directive of the European Parliament and Council**

Dyrektywa Parlamentu Europejskiego i Rady / Europos Parlamento ir Tarybos direktyva

Směrnice Evropského parlamentu a Rady / Smernice Európskeho parlamentu a Rady

Az Európai Parlament és az Európai Tanács irányelve

Electromagnetic Compatibility Directive (EMC):**2014/30/EU**

Dyrektywa EMC / EMS direktyva / Směrnice o elektromagnetické kompatibilitě

Smernica EMC / Elektromágneses öszszeférhetőségről szóló irányelv

Low Voltage Directive (LVD):**2014/35/EU**

Dyrektywa dot. niskich napięć / Žemos įtampos direktyva

Směrnice o zařizeních nízkého napětí / Smernica o nízkom napětí / Kisfeszültségről szóló irányelv

Machine Directive (MD):**2006/42/EC**

Dyrektywa Maszynowa / Mašinų direktyva / Směrnice o strojích

Smernica o strojoch / Gépirányelv

Restriction of the use of certain Hazardous Substances (RoHS):**2011/65/EU****amended by (EU)2015/863**

W sprawie ograniczenie stosowania niektórych niebezpiecznych substancji w sprzecie elektrycznym i elektronicznym.

Del tam tikrų pavojingų medžiagų naudojimo elektros ir elektroninėje irangoje apribojimo.

O omezení používání některých nebezpečných látek v elektrických a elektronických zařizeních.

O obmedzení používania určitých nebezpečných látok v elektrických a elektronických zariadeniach.

Egyes veszélyes anyagok elektromos és elektronikus berendezésekben való alkalmazásának korlátozásáról.

Applied harmonized standards:

Zastosowano normy zharmonizowane

Taikomi darnieji standartai

Použité související normy

Použité harmonizované normy

Alkalmazott harmonizált szabványok

EN 55011: 2016/A11:2020 (Group 1, Class A)

EN 61800-3: 2004/A1: 2012

(Cat. C2, Second Environment)

EN 61000-6-2: 2005

EN 61000-6-4: 2007/A1: 2011

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EN 61800-5-1: 2007/A1:2017

EN 61800-5-2: 2007 (SIL 3)

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Person located in the EU that is authorized to compile technical file

Osoba przebywająca w UE, która jest upoważniona do sporządzenia dokumentacji technicznej

ES esantis asmuo, įgaliotas sudaryti techninę bylą

Osoba se sídlem v EU, která je oprávněna sestavit technickou dokumentaci

Osoba so sídlom v EÚ, ktorá je oprávnená zostaviť technickú dokumentáciu

Az EU-ban található, műszaki dokumentáció összeállítására jogosult személy

Philipp-Reis-Str. 6, 65795 Hattersheim am Main, Germany

YASKAWA Europe GmbH**YASKAWA ELECTRIC CORPORATION**

480 Kamifujisawa, Iruma-shi, Saitama 358-8555 Japan

Saitama – JAPAN / 6th November 2023

Place / Date

Miejscowość, data / Vieta, data / Místo, datum

Miesto, dátum / Hely, dátum

Factory Manager



Name: Kenji.Watanabe

EU Declaration of Conformity

YASKAWA

Ref. No. 900-247-306 <3>
Page 6

Translation - Danish | Swedish | Finnish | Latvian | Estonian

EF-overensstemmelseserklæring | EG-försäkran om överensstämmelse

EY-vaatimustenmukaisuusvakuutus | EK atbilstības deklarācija

EÜ vastavusdeklaratsioon

YASKAWA ELECTRIC CORPORATION

480 Kamifujisawa, Iruma-Shi Saitama 358-8555 Japan

declares under sole responsibility conformity of the following products

erklærer som eneste ansvarlig overensstemmelsen for følgende produkter
försäkrar på eget ansvar att följande produkter uppfyller kraven på överensstämmelse
vakuuttaa yksinomaisella vastuullaan seuraavien tuotteiden vaatimustenmukaisuuden
uz savu atbildību paziņo par tālāk minēto izstrādājumu atbilstību
deklareerib ainuvastutusel järgmiste toodete vastavust

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8 burtu un ciparu rakstzīmju cipari / 8 tāhtnumbrīlist numbriit

The object of the declaration: Directive of the European Parliament and Council

Europa-Parlamentets og Rådets direktiv / EU-direktiv / Euroopan parlamentin ja neuvoston direktiivi

Eiropas Parlamenta un Padomes Direktīva / Euroopa Parlamendi ja nõukogu direktiiv

Electromagnetic Compatibility Directive (EMC):

2014/30/EU

EMC-direktivet / EMC-direktivet / EMC-direktiivi

EMS direktīva / Elektromagnētīse ūhilduvuse direktiiv

Low Voltage Directive (LVD):

2014/35/EU

Lavspændingsdirektivet / Lågspänningsdirektivet / Pienjännitedirektiivi

Zemsprieguma direktīva / Madalpingedirektiiv

Machine Directive (MD):

2006/42/EC

Maskindirektivet / Maskindirektivet / Konedirektiivi

Mašīnu direktīva / Masina direktiiv

Restriction of the use of certain Hazardous Substances (RoHS):

2011/65/EU

amended by (EU)2015/863

Om begrænsning af anvendelsen af visse farlige stoffer i elektrisk og elektronisk udstyr.

Om begränsning av användning av vissa farliga ämnen i elektrisk och elektronisk utrustning.

Tiettyjen vaarallisten aineiden käytön rajoittamisesta sähkö- ja elektroniikkalaitteissa.

Part dažu bīstamu vielu izmantošanas ierobežošanas elektriskās un elektroniskās iekārtās

Dēl tam tikru pavoģingu medžiagu naudojimo elektros ir elektroninēje irangoje apribojimo.

Applied harmonized standards:

EN 55011: 2016/A11:2020 (Group 1, Class A)

Anvendte harmoniserede standarder

EN 61800-3: 2004/A1: 2012

Tillämpade harmoniserade standarder

(Cat. C2, Second Environment)

Sovelletut yhdenmukaistetut standardit

EN 61000-6-2: 2005

Piemēroti saskaņotie standarti

EN 61000-6-4: 2007/A1: 2011

Kehtivad harmoniseeritud standardid

EN IEC 62061: 2021(maximum SIL 3)

EN ISO 13849-1: 2015 (PL e (Cat.3))

EN 61800-5-1: 2007/A1:2017

EN 61800-5-2: 2007 (SIL 3)

EN IEC 63000: 2018

Person located in the EU that is authorized to compile technical file

YASKAWA Europe GmbH

Person beliggende i EU, der er autoriseret til at udarbejde teknisk fil

Philipp-Reis-Str. 6, 65795 Hattersheim am Main, Germany

Person inom EU som är behörig att sammanställa teknisk fil

EU:ssa sijaitseva henkilö, jolla on oikeus laatia tekninen tiedosto

Persona, kas atrodas ES un ir pilnvarota sastādīt tehnisko dokumentāciju

ELis asuv isik, kellel on õigus koostada tehnilist toimikut

YASKAWA ELECTRIC CORPORATION

480 Kamifujisawa, Iruma-shi, Saitama 358-8555 Japan

Saitama – JAPAN / 6th November 2023

Place / Date

By, dato / Ort och datum / Paikka, pvm

Vieta, datums / Koht, kuupäev

Factory Manager



Name: Kenji.Watanabe

UK Declaration of Conformity

Original – English

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M = 1...9, X, Y, Z
***** = 8 digits of alphanumeric character

The objective of the declaration: UK Statutory Instruments

Electromagnetic Compatibility Regulation 2016

Electrical Equipment (Safety) Regulation 2016

Supply of Machinery (Safety) Regulations 2008

**Restriction of the use of Certain Hazardous Substances in
Electrical and Electronic Equipment Regulation 2012**

Applied designated Standards:

EN 55011: 2016/A11:2020 (Group 1, Class A)
EN 61800-3: 2004/A1: 2012
(Cat. C2, Second Environment)
EN 61000-6-2: 2005
EN 61000-6-4: 2007/A1: 2011
EN IEC 62061: 2021(maximum SIL 3)
EN ISO 13849-1: 2015 (PL e (Cat.3))
EN 61800-5-1: 2007/A1:2017
EN 61800-5-2: 2007 (SIL 3)
EN IEC 63000: 2018

**Person located in the UK that is authorized to compile
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Saitama – JAPAN / 6th November 2023
Place / Date

Factory Manager


Name: Kenji.Watanabe

Model designation covered by this declaration of conformity

SGD7* *** * ** * *** * ** * (12-19 characters)
 A B C D E F G H I

A: Model

Group	Model	Note
SGD7S	Sigma-7 series SERVOPACK Sigma-7S model	Control of 1 axis
SGD7W	Sigma-7 series SERVOPACK Sigma-7W model	Control of 2 axes
SGD7C	Sigma-7 series SERVOPACK Sigma-7C model	Control of 2 axes

B+C: Continuous Output Current Type for SGD7S

Group	Rated input power			Rated output power		Note
	Input voltage	Number of phase	Input current	Output current	Output power	
R70F	AC100V	Single	1.5[A]	0.66[A]	0.05kW	
R90F		Single	2.5[A]	0.91[A]	0.1kW	
2R1F		Single	5[A]	2.1[A]	0.2kW	
2R8F		Single	10[A]	2.8[A]	0.4kW	
R70A	AC200V	Three	0.4[A]	0.66[A]	0.05kW	
		Single	0.8[A]			
R90A		Three	0.8[A]	0.91[A]	0.1kW	
		Single	1.6[A]			
1R6A		Three	1.3[A]	1.6[A]	0.2kW	
		Single	2.4[A]			
2R8A		Three	2.5[A]	2.8[A]	0.4kW	
		Single	5.0[A]			
3R8A		Three	3.0[A]	3.8[A]	0.5kW	
		Single	7.7[A]			
5R5A		Three	4.1[A]	5.5[A]	0.75kW	
		Single	8.7[A]			
7R6A		Three	5.7[A]	7.6[A]	1.0kW	
		Single	15.3[A]			
120A		Three	7.3[A]	11.6[A]	1.5kW	
		Single	23.1[A]			
180A		Three	10[A]	18.5[A]	2.0kW	
		Single	20.0[A]			
200A		Three	15[A]	19.6[A]	3.0kW	
		Single	29.2[A]			
330A		Three	25[A]	32.9[A]	5kW	
		Single	51.8[A]			
470A		Three	29[A]	46.9[A]	6kW	
		Single	58.8[A]			
550A		Three	37[A]	54.7[A]	7.5kW	
		Single	77.4[A]			
590A		Three	54[A]	58.6[A]	11kW	
		Single	118.2[A]			
780A	Three	73[A]	78.0[A]	15kW		
	Single	156.0[A]				
1R9D	AC400V	Three	1.4[A]	1.9[A]	0.5kW	
3R5D		Three	2.9[A]	3.5[A]	1.0kW	
5R4D		Three	4.3[A]	5.4[A]	1.5kW	
8R4D		Three	5.8[A]	8.4[A]	2.0kW	
120D		Three	8.6[A]	11.9[A]	3.0kW	
170D		Three	14.5[A]	16.0[A]	5.0kW	
210D		Three	17.4[A]	20.8[A]	6.0kW	
260D		Three	21.7[A]	25.7[A]	7.5kW	
280D		Three	31.8[A]	28.1[A]	11kW	
		Three	43.4[A]	37.2[A]	15kW	
370D		Three	43.4[A]	37.2[A]	15kW	

B+C: Continuous Output Current Type for SGD7W and SGD7C

Group	Rated input power			Rated output power at 1-axis		Note
	Input voltage	Number of phase	Input current	Output current	Output power	
1R6A	AC200V	Three	2.5[A]	1.6[A]	0.2kW	
		Single	5.5[A]			
2R8A		Three	4.7[A]	2.8[A]	0.4kW	
		Single	11[A]			
5R5A		Three	7.8[A]	5.5[A]	0.75kW	
		Single	12[A]			
7R6A		Three	11[A]	7.6[A]	1.0kW	
2R6D		AC400V	Three	2.6[A]	2.6[A]	
5R4D	Three		8.6[A]	5.4[A]	1.5kW	

C: Rated Input/Output Voltage Type

Group	Rated input power		Note
	Input voltage	Output Voltage	
A	200V3AC, AC	200V3AC	
D	400V3AC	400V3AC	
F	100VAC	200V3AC	

D: Model

Group	Interface Type	Note
00	Analog & Pulse I/F	Sigma-7S model only.
10	MECHATROLINK-II I/F	Sigma-7S model only.
20	MECHATROLINK-III I/F	
30	MECHATROLINK-III(RJ45) I/F	
40	MECHATROLINK-4 I/F	Sigma-7S model 200V input only.
A0	EtherCAT I/F	Sigma-7S model and Sigma-7W model 400V input only.
C0	Profinet I/F	Sigma-7S model and Sigma-7W model 400V input only.
E0	Command Option I/F	Sigma-7S model only.
MA	BUS I/F (Standard)	Sigma-7C model only.
M0	Sigma-7Siec I/F	SGD7S-xxxxA0x based with PLC function
Q0	SigmaLogic7 Compact I/F	SGD7S-xxxxA0x based with Ethernet/IP protocol
R0	SigmaLogic7 Modbus I/F	SGD7S-xxxxA0x based with Modbus protocol (General protocol)

E: Design Revision Order

Group	Design Order	Note
A	Standard	
B	Standard	AC400V input only.
	Air flow change	AC200V input only.
C	Air flow change and Re-engineering	AC200V input, EtherCAT I/F only.

F: Hardware Option Type

Group	Interface Type	Note
Blank	Standard	Standard specification only.
000	Standard	In case of Software Option only.
001	Rack mount type	
002	Varnish coating	
004	Measures for vibration	
008	200Vac (Single phase) input type	SGD7S-120A**A only
00A	Group# 002 and 008	
010	Open collector output of Encoder pulse	
020	External DB resistor type or Without DB	
021	DI power supply DC12V	
022	Zone output	
023	Analog Voltage FB input type	
024	Group# 002 and 020	
025	Group# 001 and 023	
026	Add the Holding Break(SBC) function	Voltage type D only.
027	Group# 020 and 021	
029	Group# 002 and 022	
030	Group# 008 and 022	SGD7S-120A**A only.
031	Group# 002 and 023	
032	Group# 001 and 002 and 023	
033	Group# 002 and 008 and 023	SGD7S-120A**A only.
034	Group# 008 and 020	SGD7S-120A**A only.
035	Group# 020 and 022	
036	Group# 026 and 002	Voltage type D only.
037	Group# 008 and 020 and 022	SGD7S-120A**A only.
100	Pulse encoder interface and analog input for Thermistor on CN9. CN8(Safety Connector) eliminated.	SGD7S-***A30A only.
101	Group# 100 and 001	SGD7S-***A30A only.
102	Group# 100 and 002	SGD7S-***A30A only.
104	Group# 100 and 004	SGD7S-***A30A only.
108	Group# 100 and 008	SGD7S-120A30A only.
110	Group# 100 and 010	SGD7S-***A30A only.
120	Group# 100 and 020	SGD7S-***A30A only.
121	Group# 100 and 021	SGD7S-***A30A only.
122	Group# 100 and 022	SGD7S-***A30A only.
124	Group# 100 and 024	SGD7S-***A30A only.
202	Reinforced Varnish Coating	
206	Group# 004 and 202	
20A	Group# 008 and 202	SGD7S-120A**A only.
224	Group# 020 and 202	
229	Group# 022 and 202	
231	Group# 023 and 202	
232	Group# 001 and 023 and 202	
233	Group# 008 and 023 and 202	SGD7S-120A**A only.
302	Group# 100 and 202	SGD7S-***A30A only.
306	Group# 104 and 202	SGD7S-***A30A only.
30A	Group# 108 and 202	SGD7S-***A30A only.
324	Group# 120 and 202	SGD7S-***A30A only.

700	Add the HWBB(STO) function	Sigma-7W and Sigma-7C model only.
701	Group# 001 and 700	
702	Group# 002 and 700	
704	Group# 004 and 700	
70A	Group# 00A and 700	
710	Group# 010 and 700	
720	Group# 020 and 700	
721	Group# 021 and 700	
722	Group# 022 and 700	
723	Group# 023 and 700	
724	Group# 024 and 700	
725	Group# 025 and 700	
727	Group# 027 and 700	
731	Group# 031 and 700	
732	Group# 032 and 700	
800	ASM7 I/F CN11 (Safety Option Module Interface) was changed for ASM7.	Voltage type D only.
802	Group# 800 and 002	Voltage type D only.
826	Group# 800 and 026	Voltage type D only.
836	Group# 800 and 036	Voltage type D only.

G: Option Specification of Hardware

Group	Design Order	Note
Blank	Standard or Hardware Option Spec.	
0	BTO order	Standard and Hardware Option Spec.
E	EX specification	
F	FT specification	

G+H: Software Option Type

Group	Difference from Standard		Note
	Hardware	Software	
Blank	Same	Same	Standard or Hardware Option Spec only.
000	Same or Diff.	Same	BTO order for Standard and Hardware Option Spec
E**	Same or Diff.	Diff	Except E9* and F9*. (see Note.1) Customized for non-safety related Software. Hardware is defined by "Hardware Option Type".
F**	Same or Diff.	Diff	

Note.1: E9* and F9* are customized the safety related Software.

I: Order Type

Group	Order	Note
Blank	Standard order	
B	BTO order	

Model designation covered by this declaration of conformity (Y-Specification)

SGD7* *** * ** * * ***** (18 characters)
 A B C D E F G

A: Model

Group	Model	Note
SGD7S	Sigma-7 series SERVOPACK Sigma-7S model	Control of 1 axis
SGD7W	Sigma-7 series SERVOPACK Sigma-7W model	Control of 2 axes
SGD7C	Sigma-7 series SERVOPACK Sigma-7C model	Control of 2 axes

B+C: Continuous Output Current Type for SGD7S

Group	Rated input power			Rated output power		Note	
	Input voltage	Number of phase	Input current	Output current	Output power		
R70F	AC100V	Single	1.5[A]	0.66[A]	0.05kW		
R90F		Single	2.5[A]	0.91[A]	0.1kW		
2R1F		Single	5[A]	2.1[A]	0.2kW		
2R8F		Single	10[A]	2.8[A]	0.4kW		
R70A	AC200V	Three	0.4[A]	0.66[A]	0.05kW		
		Single	0.8[A]				
R90A		Three	0.8[A]	0.91[A]	0.1kW		
		Single	1.6[A]				
1R6A		Three	1.3[A]	1.6[A]	0.2kW		
		Single	2.4[A]				
2R8A		Three	2.5[A]	2.8[A]	0.4kW		
		Single	5.0[A]				
3R8A		Three	3.0[A]	3.8[A]	0.5kW		
5R5A		Three	4.1[A]	5.5[A]	0.75kW		
		Single	8.7[A]				
7R6A		Three	5.7[A]	7.6[A]	1.0kW		
120A		Three	7.3[A]	11.6[A]	1.5kW		
		Single	16[A]				
180A		Three	10[A]	18.5[A]	2.0kW		
200A		Three	15[A]	19.6[A]	3.0kW		
330A		Three	25[A]	32.9[A]	5kW		
470A		Three	29[A]	46.9[A]	6kW		
550A		Three	37[A]	54.7[A]	7.5kW		
590A		Three	54[A]	58.6[A]	11kW		
780A		Three	73[A]	78.0[A]	15kW		
1R9D		AC400V	Three	1.4[A]	1.9[A]	0.5kW	
3R5D			Three	2.9[A]	3.5[A]	1.0kW	
5R4D			Three	4.3[A]	5.4[A]	1.5kW	
8R4D			Three	5.8[A]	8.4[A]	2.0kW	
120D			Three	8.6[A]	11.9[A]	3.0kW	
170D			Three	14.5[A]	16.0[A]	5.0kW	
210D			Three	17.4[A]	20.8[A]	6.0kW	
260D	Three		21.7[A]	25.7[A]	7.5kW		
280D	Three		31.8[A]	28.1[A]	11kW		
370D	Three		43.4[A]	37.2[A]	15kW		

B+C: Continuous Output Current Type for SGD7W and SGD7C

Group	Rated input power			Rated output power at 1-axis		Note
	Input voltage	Number of phase	Input current	Output current	Output power	
1R6A	AC200V	Three	2.5[A]	1.6[A]	0.2kW	
		Single	5.5[A]			
2R8A		Three	4.7[A]	2.8[A]	0.4kW	
		Single	11[A]			
5R5A		Three	7.8[A]	5.5[A]	0.75kW	
		Single	12[A]			
7R6A		Three	11[A]	7.6[A]	1.0kW	
2R6D		AC400V	Three	2.6[A]	2.6[A]	
5R4D	Three		8.6[A]	5.4[A]	1.5kW	

C: Rated Input/Output Voltage Type

Group	Rated input power		Note
	Input voltage	Output Voltage	
A	200V3AC, AC	200V3AC	
D	400V3AC	400V3AC	
F	100VAC	200V3AC	

D: Model

Group	Interface Type	Note
00	Analog & Pulse I/F	Sigma-7S model only.
10	MECHATROLINK-II I/F	Sigma-7S model only.
20	MECHATROLINK-III I/F	
30	MECHATROLINK-III(RJ45) I/F	
40	MECHATROLINK-4 I/F	Sigma-7S model 200V input only.
A0	EtherCAT I/F	Sigma-7S model and Sigma-7W model 400V input only.
C0	Profinet I/F	Sigma-7S model and Sigma-7W model 400V input only.
E0	Command Option I/F	Sigma-7S model only.
MA	BUS I/F (Standard)	Sigma-7C model only.
M0	Sigma-7Siec I/F	SGD7S-xxxxA0x based with PLC function
Q0	SigmaLogic7 Compact I/F	SGD7S-xxxxA0x based with Ethernet/IP protocol
R0	SigmaLogic7 Modbus I/F	SGD7S-xxxxA0x based with Modbus protocol (General protocol)

E: Design Revision Order

Group	Design Order	Note
A	Standard	
B	Standard	AC400V input only.
	Air flow change	AC200V input only.
C	Air flow change and Re-engineering	AC200V input, EtherCAT I/F only.

F: Specification Type

Group	Specification Type	Note
Y	Y Specification	

F+G: Y Specification Type

Group	Difference from Standard		Note
	Hardware	Software	
Y0400*	Diff	Diff	Customized for the case.
Y*5***	Same	Diff	Customized for non-safety related parameters and software. The combination of this model and Safety module is not possible.
Y*6***	Same	Diff	Customized for non-safety related parameters and software. The combination of this model and Safety module is not possible.
Y*7***	Same	Diff	Customized for non-safety related parameters and software. The combination of this model and Safety module is possible.
Y*8***	Same	Diff	Customized for non-safety related parameters and software. The combination of this model and Safety module is not possible.
Y*9***	Same	Diff	Customized for non-safety related parameters and software. The combination of this model and Safety module is not possible.