

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: SGDXS-*** , SGDXW-***** , SGDXT-*******

(Refer to page 3 and after 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 objective 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 EN IEC 63000: 2018
Person located in the EU that is authorized to compile technical file	YASKAWA Europe GmbH Philipp-Reis-Str. 6, 65795 Hattersheim am Main, Germany

YASKAWA ELECTRIC CORPORATION
480 Kamifujisawa, Iruma-shi, Saitama 358-8555 JapanSaitama – JAPAN / 26th March 2024
Place / Date

Factory Manager


Name: Kenji Watanabe

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

Model: SGDXS-*** , SGDXW-***** , SGDXT-*******

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

Serial Number:

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YY = 23...28

M = 1...9, X, Y, Z

***** = 8 alphanumeric Zeichen/8 chiffres de caractère alphanumérique/8 cifre di carattere alfanumerico /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

EMV-Richtlinie / Directive CEM/ Direttiva EMC /

Directiva sobre Compatibilidad Electromagnética / Diretiva CEM

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

Requirements in Annex I of this directive which are applied and fulfilled:

Angewandte und erfüllte Anforderungen gemäß Annex 1 dieser Richtlinie

Restriction of the use of certain Hazardous

2011/65/EU

Substances (RoHS):

amended by (EU)2015/863

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

Relative à la 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

EN 61800-3: 2004/A1: 2012

appliquées:

(Cat. C2, Second environment)

Norma armonizzata applicate: / Norma armonizada aplicada: /

EN 61000-6-2: 2005

Normas harmonizadas aplicadas

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

EN IEC 63000: 2018

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

YASKAWA Europe GmbH

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

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

YASKAWA ELECTRIC CORPORATION

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

Saitama – JAPAN / 26th March 2024

Place / Date

Ort, Datum / Lieu et date / Luogo, data

Lugar, Fecha / Local, data

Factory Manager


Name: Kenji Watanabe

EU Declaration of Conformity

YASKAWA

Ref. No. 900-265-887 Rev.6

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 sljedećih proizvoda
na lastno odgovornost potrjuje skladnost naslednjih izdelkov
tiddikjara taħt ir-responsabbiltà unika tagħha l-konformità tal-prodotti li ġejjin

AC Servo Amplifiers SERVOPACK

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

Direktiva Europskog parlamenta i Vijeća / Direktiva Evropskega parlamenta in Sveta
Direttiva tal-Parlament Ewropew u tal-Kunsill

Electromagnetic Compatibility Directive (EMC):

Direktiva o elektromagnetskoj kompatibilnosti (EMC) / EMC direktiva
Direttiva dwar l-EMC

2014/30/EU

Low Voltage Directive (LVD):

Direktiva o niskom naponu / Niskonapetostna direktiva
Direttiva dwar il-Voltaġġ Baxx

2014/35/EU

Machine Directive (MD):

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

2006/42/EC

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
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
EN IEC 63000: 2018

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

Osoba koja se nalazi u EU koja je ovlaštena sastavljati tehničku dokumentaciju
Oseba s sedežem v EU, ki je pooblaščen za sestavljanje tehnične dokumentacije
Persuna li tinsab fl-UE li hija awtorizzata biex tiġbor fajl tekniku

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Saitama – JAPAN / 26th March 2024

Place / Date

Mjesto, datum / Kraj, datum

Post, Data

Factory Manager


Name: Kenji Watanabe

Translation - Dutch | Irish | Greek | Bulgarian | Romanian
EG-conformiteitsverklaring | Dearbhú Comhréireachta 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 comhréireacht 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 burtu un ciparu rakstzīmju cipari / 8 tāhtnumbrilist numbrit

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 hEorpa 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 Mașini

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.

Σρια η άρ 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

Caighdeáin 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

EN IEC 62061: 2021 (Maximum SIL 3)

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EN 61800-5-2: 2007

EN IEC 63000: 2018

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

YASKAWA Europe GmbH

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

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 thiomnú

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 ELECTRIC CORPORATION

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

Saitama – JAPAN / 26th March 2024

Place / Date

Plaats, Datum / Áit, Dáta / Τόπος, ημερομηνία

Място, Дата / Locul, dataPost, 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

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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 atitikti

Prohlašuje na svou výhradní odpovědnost shodu níže uvedených výrobků

potvrďuje výlučnú zodpovednosť za zhodu pre nasledujúce výrobky

saját kizárólagos felelősségére kijelenti, hogy a következő termékek megfelelnek az alábbiakban megfogalmazott követelményeknek

AC Servo Amplifiers SERVOPACK**Model: SGDXS-***** , SGDXW-***** , SGDXT-*******

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***** = 8 cyfr znaku alfanumerycznego / 8 raidžių ir skaitmeninių simbolių skaitmenys / 8 číslic alfanumerického znaku / 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 összeférhetőségről szóló irányelv

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

Dyrektywa dot. niskich napięć / Žemos įtampos direktyva

Směrnice o zařízeních nízkého napětí / Smernica o nízkom napätí / 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 zařízeních.

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

Egyes veszélyes anyagok elektromos és elektronikus berendezéseken való alkalmazásának korlátozásáról.

Applied harmonized standards:

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

Zastosowano normy zharmonizowane

EN 61800-3: 2004/A1: 2012

Taikomi darnieji standartai

(Cat. C2, Second environment)

Použité související normy

EN 61000-6-2: 2005

Použité harmonizované normy

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

Alkalmazott harmonizált szabványok

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

EN IEC 63000: 2018

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

YASKAWA Europe GmbH

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

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

ES esantis asmuo, įgaliojotas 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

YASKAWA ELECTRIC CORPORATION

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

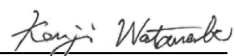
Saitama – JAPAN / 26th March 2024

Place / Date

Miejscowość, data / Vieta, data / Místo, datum

Miesto, dátum / Hely, dátum

Factory Manager


Name: Kenji Watanabe

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 inuvastutusel järgmiste toodete vastavust

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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 / Elektromagnetilise ühilduvuse 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 ierobežošana elektriskās un elektroniskās iekārtās

Dēļ tam tikru pavoģingu medžiagu naudojimo elektros ir elektroninėje irangoje apribojimo.

Applied harmonized standards:

Anvendte harmoniserede standarder

Tillämpade harmoniserade standarder

Sovelletut yhdenmukaistetut standardit

Piemēroti saskaņotie standarti

Kehtivad harmoniseeritud standardid

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

EN IEC 63000: 2018

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

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

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 Europe GmbH

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

YASKAWA ELECTRIC CORPORATION

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

Saitama – JAPAN / 26th March 2024

Place / Date

By, dato / Ort och datum / Paikka, pvm

Vieta, datums / Koht, kuupäev

Factory Manager



Name: Kenji Watanabe

UK Declaration of Conformity

YASKAWA

Ref. No. 900-265-887 Rev.6

Page 7

Original – English

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YY = 23...28
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
EN IEC 63000: 2018

**Person located in the UK that is authorized to
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Saitama – JAPAN / 26th March 2024
Place / Date

Factory Manager


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Model designation covered by this declaration of conformity

SGDX*- *** * ** * **** ** * (13-20 characters)
 A B C D E F G H

A: Model

Group	Model	Note
SGDXS	Sigma-X series SERVOPACK Sigma-XS model	Control of 1 axis
SGDXW	Sigma-X series SERVOPACK Sigma-XW model	Control of 2 axes
SGDXT	Sigma-X series SERVOPACK Sigma-XT model	Control of 3 axes

B+C: Continuous Output Current Type for SGDXS

Group	Rated input current			Rated output power		Note	
	Input voltage	Number of phase	Input current	Output current	Output power		
R70 A	AC200V	Three	0.4[A]	0.66[A]	0.05kW		
		Single	0.8[A]				
	DC270V	-	0.5[A]				
R90 A	AC200V	Three	0.8[A]	0.91[A]	0.1kW		
		Single	1.6[A]				
	DC270V	-	1.0[A]				
1R6 A	AC200V	Three	1.3[A]	1.6[A]	0.2kW		
		Single	2.4[A]				
	DC270V	-	1.5[A]				
2R8 A	AC200V	Three	2.5[A]	2.8[A]	0.4kW		
		Single	5.0[A]				
	DC270V	-	3.0[A]				
3R8 A	AC200V	Three	3.0[A]	3.8[A]	0.5kW		
		-	3.8[A]				
	AC200V	Single	3.0[A]		0.2kW		Based on Hardware Option 8***, A***, C*** only
5R5 A	AC200V	Three	4.1[A]	5.5[A]	0.75kW		
		Single	8.7[A]				
	DC270V	-	4.9[A]				
	AC200V	Three	4.1[A]	4.4[A]	0.75kW	Fan-less Hardware Option 8*** only	
		Single	8.7[A]				
	DC270V	-	4.9[A]				
7R6 A	AC200V	Three	5.7[A]	7.6[A]	1.0kW		
		-	6.9[A]				
	AC200V	Single	5.7[A]		0.4kW		Based on Hardware Option 8***, A***, C*** only
120 A	AC200V	Three	7.3[A]	11.6[A]	1.5kW		
		Single	16[A]				
	DC270V	-	11[A]				
	AC200V	Single	7.3[A]		0.6kW	Based on Hardware Option 8***, A***, C*** only	
180 A	AC200V	Three	10[A]	18.5[A]	2.0kW		
		-	14[A]				
	AC200V	Single	10[A]		0.8kW		Based on Hardware Option 8***, A***, C*** only
200 A	AC200V	Three	15[A]	19.6[A]	3.0kW		
		-	20[A]				
	AC200V	Single	15[A]		1.2kW		Based on Hardware Option 8***, A***, C*** only

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330 A	AC200V	Three	25[A]	32.9[A]	5kW	
	DC270V	-	34[A]			
470 A	AC200V	Three	29[A]	46.9[A]	6kW	
	DC270V	-	36[A]			
550 A	AC200V	Three	37[A]	54.7[A]	7.5kW	
	DC270V	-	48[A]			
590 A	AC200V	Three	54[A]	58.6[A]	11kW	
	DC270V	-	68[A]			
780 A	AC200V	Three	73[A]	78.0[A]	15kW	
	DC270V	-	92[A]			

B+C: Continuous Output Current Type for SGD_XW

Group	Rated input power			Rated output power per 1-axis		Note
	Input voltage	Number of phase	Input current	Output current	Output power	
1R6 A	AC200V	Three	2.5[A]	1.6[A]	0.2kW	
		Single	5.5[A]			
	DC270V	-	3.0[A]			
2R8 A	AC200V	Three	4.7[A]	2.8[A]	0.4kW	
		Single	11[A]			
	DC270V	-	5.8[A]			
5R5 A	AC200V	Three	7.8[A]	5.5[A]	0.75kW	
		Single	12[A]			
	DC270V	-	9.7[A]			
7R6 A	AC200V	Three	11[A]	7.6[A]	1.0kW	
	DC270V	-	14[A]			

B+C: Continuous Output Current Type for SGD_XT

Group	Rated input power			Rated output power per 1-axis		Note
	Input voltage	Number of phase	Input current	Output current	Output power	
1R6 A	AC200V	Three	3.9[A]	1.6[A]	0.2kW	
		Single	7.2[A]			
	DC270V	-	4.5[A]			
2R8 A	AC200V	Three	7.5[A]	2.8[A]	0.4kW	
		Single	12[A]			
	DC270V	-	9[A]			

C: Rated Input/Output Voltage Type

Group	Rated input power		Note
	Input voltage	Output Voltage	
A	200V3AC, AC 270Vdc	200V3AC	

D: Model

Group	Interface Type	Note
00	Analog & Pulse I/F	Sigma-XS model only.
40	MECHATROLINK-4/-III I/F	
A0	EtherCAT I/F	

E: Design Revision Order

Group	Design Order	Note
A	Standard	

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F: Hardware Option Type

Digit	Bit	Hardware option specification	Note
14	0	Add the HWBB(STO) function	SGDXW only
	1	Extended function specification1	MECHATROLINK-4/-III I/F only
	2	Extended function specification2	EtherCAT only
	3	Standard type for the Chinese market	
15	0		
	1		
	2		
	3		
16	0	Analog Voltage FB input type	
	1	External DB resistor type or Without DB	
	2	Supports Digital Operator	Analog & Pulse I/F with Hardware option "Standard type for the Chinese market type" only
	3	DO Output common	SGDXT only
17	0	Rack-mounted or Duct-ventilated type	
	1	Varnish coating	
	2	Measures for vibration	
	3	200Vac(Single phase) input type	SGDXS-120A only
0000 (blank)		Hardware Option none	

Note : The type of each digit is shown by a hex digit consisting of each bit.

e.g.)

SGDXS-1R6A40A + External DB resistor type + Rack-mounted + Varnish coating

Hardware option code is "0023". Details are shown below.

Digit 14 : 0000h = 0

Digit 15 : 0000h = 0

Digit 16 : 0010h = 2

Digit 17 : 0011h = 3

Then, the product type is "SGDXS-1R6A40A0023"

G: Software Option Type

Group	Difference from Standard		Note
	Hardware	Software	
(Blank)	Same	Same	
00	Same or Diff.	Same	
**	Same or Diff.	Diff	

Note.1: 9* is customized the safety related Software.

H: Order Type

Group	Order	Note
(Blank)	Standard order	
B	BTO order	

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

SGDX* *** * ** * * ***** (19 characters)
 A B C D E F G

A: Model

Group	Model	Note
SGDXS	Sigma-X series SERVOPACK Sigma-XS model	Control of 1 axis
SGDXW	Sigma-X series SERVOPACK Sigma-XW model	Control of 2 axes

B+C: Continuous Output Current Type for SGDXS

Group	Rated input current			Rated output power		Note
	Input voltage	Number of phase	Input current	Output current	Output power	
R70 A	AC200V	Three	0.4[A]	0.66[A]	0.05kW	
		Single	0.8[A]			
	DC270V	-	0.5[A]			
R90 A	AC200V	Three	0.8[A]	0.91[A]	0.1kW	
		Single	1.6[A]			
	DC270V	-	1.0[A]			
1R6 A	AC200V	Three	1.3[A]	1.6[A]	0.2kW	
		Single	2.4[A]			
	DC270V	-	1.5[A]			
2R8 A	AC200V	Three	2.5[A]	2.8[A]	0.4kW	
		Single	5.0[A]			
	DC270V	-	3.0[A]			
3R8 A	AC200V	Three	3.0[A]	3.8[A]	0.5kW	
	DC270V	-	3.8[A]			
	AC200V	Single	3.0[A]		0.2kW	
5R5 A	AC200V	Three	4.1[A]	5.5[A]	0.75kW	
		Single	8.7[A]			
	DC270V	-	4.9[A]			
	AC200V	Three	4.1[A]	4.4[A]	0.75kW	Fan-less Hardware Option 8*** only
		Single	8.7[A]			
DC270V	-	4.9[A]				
7R6 A	AC200V	Three	5.7[A]	7.6[A]	1.0kW	
	DC270V	-	6.9[A]			
	AC200V	Single	5.7[A]		0.4kW	
120 A	AC200V	Three	7.3[A]	11.6[A]	1.5kW	
		Single	16[A]			
	DC270V	-	11[A]			
	AC200V	Single	7.3[A]		0.6kW	
180 A	AC200V	Three	10[A]	18.5[A]	2.0kW	
	DC270V	-	14[A]			
	AC200V	Single	10[A]		0.8kW	
200 A	AC200V	Three	15[A]	19.6[A]	3.0kW	
	DC270V	-	20[A]			
	AC200V	Single	15[A]		1.2kW	
330 A	AC200V	Three	25[A]	32.9[A]	5kW	
	DC270V	-	34[A]			

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470 A	AC200V	Three	29[A]	46.9[A]	6kW	
	DC270V	-	36[A]			
550 A	AC200V	Three	37[A]	54.7[A]	7.5kW	
	DC270V	-	48[A]			
590 A	AC200V	Three	54[A]	58.6[A]	11kW	
	DC270V	-	68[A]			
780 A	AC200V	Three	73[A]	78.0[A]	15kW	
	DC270V	-	92[A]			

B+C: Continuous Output Current Type for SGDXW

Group	Rated input power			Rated output power per 1-axis		Note
	Input voltage	Number of phase	Input current	Output current	Output power	
1R6 A	AC200V	Three	2.5[A]	1.6[A]	0.2kW	
		Single	5.5[A]			
	DC270V	-	3.0[A]			
2R8 A	AC200V	Three	4.7[A]	2.8[A]	0.4kW	
		Single	11[A]			
	DC270V	-	5.8[A]			
5R5 A	AC200V	Three	7.8[A]	5.5[A]	0.75kW	
		Single	12[A]			
	DC270V	-	9.7[A]			
7R6 A	AC200V	Three	11[A]	7.6[A]	1.0kW	
	DC270V	-	14[A]			

B+C: Continuous Output Current Type for SGDXT

Group	Rated input power			Rated output power per 1-axis		Note
	Input voltage	Number of phase	Input current	Output current	Output power	
1R6 A	AC200V	Three	3.9[A]	1.6[A]	0.2kW	
		Single	7.2[A]			
	DC270V	-	4.5[A]			
2R8 A	AC200V	Three	7.5[A]	2.8[A]	0.4kW	
		Single	12[A]			
	DC270V	-	9[A]			

C: Rated Input/Output Voltage Type

Group	Rated input power		Note
	Input voltage	Output Voltage	
A	200V3AC, AC 270Vdc	200V3AC	

D: Model

Group	Interface Type	Note
00	Analog & Pulse I/F	Sigma-XS model only.
40	MECHATROLINK-4/-III I/F	
A0	EtherCAT I/F	

E: Design Revision Order

Group	Design Order	Note
A	Standard	

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F: Specification Type

Group	Specification Type	Note
Y	Y Specification	

F+G: Y Specification Type

Group	Difference from Standard		Note
	Hardware	Software	
Y*5***	Same	Diff	Customized for non-safety related parameters and software.
Y*6***	Same	Diff	Customized for non-safety related parameters and software.
Y*7***	Same	Diff	Customized for non-safety related parameters and software.
Y*8***	Same	Diff	Customized for non-safety related parameters and software.
Y*9***	Same	Diff	Customized for non-safety related parameters and software.