EU Declaration of Conformity

Original-English

YASKAWA

Ref.No. 900-337-342

YASKAWA ELECTRIC CORPORATION
2-13-1 Nishimiyaichi Yukuhashi City
Fukuoka Pref., 824-8511 Japan

declares under sole responsibility conformity of the following products

GA501 Series AC Drive

Model: CIPR-GA51 □ □ □□□ □ □ □ □ - E□□□□□

□ : A…Z and 0…9

Serial Number: FFYYM**********
F = A…Z and 0…9
YY = 23, 24…
M = 1, 2 … 9, X, Y, Z
********** = 10 digits of alphanumeric character.

Directive of the European Parliament and Council

Low Voltage Directive (LVD)	**: 2014/35/EU**
Electromagnetic Compatibility Directive (EMC)	**: 2014/30/EU**
Machinery Directive (MD)	**: 2006/42/EC**
Restriction of the use of certain hazardous substances (RoHS)	**: 2011/65/EU**
EU ErP Directive	**: 2009/125/EC**

YASKAWA GA501 Series meets the requirements for IE2 efficiency according to the European regulation 2019/1781. The losses and the efficiency class were determined in accordance with EN 61800-9-2:2017.

Applied harmonized Standards

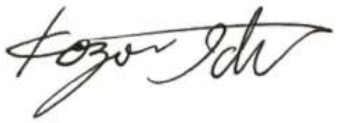
EN IEC 62061:2021 (SIL3)
EN ISO 13849-1:2015 (Cat.3, PL e)
EN 61800-5-2:2007 (SIL3)
EN 61800-5-1:2007, EN 61800-5-1:2007/A1:2017, EN 61800-5-1:2007/A11:2021
EN 61800-3:2004, EN 61800-3:2004/A1:2012
EN IEC 63000:2018

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

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

Place / Date
YASKAWA ELECTRIC CORPORATION
2-13-1 Nishimiyaichi Yukuhashi City
Fukuoka Pref., 824-8511 Japan

24th. July. 2025



Drives Division
General Manager

Kozo Ide

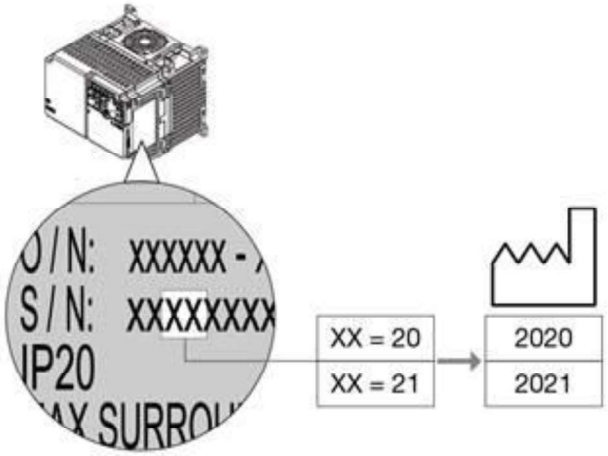
Document No. 900-335-563_00

900-335-563

YASKAWA

EcoDesign 2019/1781

https://www.yaskawa.eu.com/ecodesign



EN 61800-5-1 : 2007, EN 61800-5-1:2007/A1:2017, EN 61800-5-1:2007/A11:2021Additional requirement

WARNING: Risk of electric shock and fire due to protective devices that do not trigger or trigger too late.

Overcurrent protection devices that trip too late or not at all can cause electric shock and fire.
In applications in which, in the event of a ground fault, the short -circuit current cannot reach the value t hat the upstream overcurrent protective device needs to open within the time specified in IEC 61800-5-1, the additional use of a residual current device (RCD) is required.
The Variable Speed Drive (VSD) can feed both alternating current (AC) and direct cur rent (DC) into the Protective Earth conductor (PE). Therefore, not all commercially available RCDs are suitable.
If an RCD is used for protection against electric shock, only a type B RCD is allowed for 3 -phase VSD applications. For single phase VSD applications use RCD type A, B or F.
In the moment of power on, VSDs generate a high leakage current to ground. Therefore, the us of 300mA RCDs is recommended if the application allows it.
Failure to follow the recommendation means that the RCD cannot provide the intended protection.