



EU DECLARATION OF CONFORMITY

We : Toshiba Industrial Products and Systems Corporation
72-34, Horikawa-cho, Saiwai-Ku,
Kawasaki, 212-8585, Japan
(TSIJ)

Hereby declare under our sole responsibility that the products:

Trademark	<i>Toshiba</i>
Product, Type	<i>TOSVERT VF-AS3J & dedicated options</i>
List of reference and options	See next pages

Are in conformity with the requirements of the following directives and conformity was checked in accordance with the following standards.

Directive	Harmonized standard / Notified body reference
LV Directive 2014/35/EU	EN 61800-5-1:2007 EN 61800-5-1:2007/A1:2017 EN 61800-5-1:2007/A11:2021 Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy. Other standard considered: (IEC 61800-5-1/A1:2016)
EMC Directive 2014/30/EU	EN 61800-3:2004 EN 61800-3:2004/A1:2012 Adjustable speed electrical power drive systems – part 3: EMC requirements and specific test methods. Other standard considered: (IEC 61800-3:2017)
Machine Directive 2006/42/EC	EN ISO 13849-1:2015 Category 3 PLd Safety of machinery – Safety-related parts of control systems.
	EN 61800-5-2:2007 (SIL 2) Adjustable speed electrical power drive systems – Part 5-2: Safety requirements – Functional. (IEC 61800-5-2:2007/2016)
	A mandatory certification has been carried out by INERIS Parc Technologique ALATA BP 2, 60550 Verneuil en Halatte - France (European Notified Body identified under the number 0080) EC type examination 0080.5454.520.12.19.0073 & extensions
	Other standard considered: (IEC 61508-1/-2/-3:2010; SIL 2), (IEC 62061:2015; SIL _{CL} 2)
ATEX Directive 2014/34/EU	EN 50495:2010 Safety devices required for the safe functioning of equipment with respect to explosion risks.
	EC type examination certificate ref INERIS 19 ATEX 0032X  II (2) GD The manufacturing quality assurance system of the manufacturing plants have been audited under the following references by INERIS Parc Technologique ALATA BP 2, 60550 Verneuil en Halatte – France (European Notified Body identified under the number 0080)
RoHS Directive 2011/65/EU amended by 2015/863/EU	EN IEC63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

And also the standards:
UL61800-5-1, CSA C22.2No.274: 2017



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Subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions and to accepted rules of the art.

This declaration becomes invalid in the case of any modification to the products not authorized by us.

Compliance with the ATEX, Machinery & EMC Directives will require the application of the ATEX guide, Safety guide and EMC guide giving requirements, details and advices for installation of products used.

The guides are attached with the product or available on <https://www.inverter.co.jp/>

Person in charge of technical documentation:

Name: Eric Delaune
Certification Manager, S.T.I.E.
Rue Andre Blanchet, 27120 Pacy sur Eure, France

Signature: *ERIC DELAUNE*

Issued at Nagoya, Aichi – JAPAN:

Name: Shin Okada
TSIJ Offer Marketing, Senior Manager
1-19-30 Aoi Higashi-Ku, Nagoya, 461-0004, Japan

Signature: *Shin Okada*

Pacy-sur-Eure, 2023 oct. 16th

2023-10-16

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List of references VF-AS3J:

Three phase 200V to 240Vac

Reference (1)	Range (2)
VFAS3J-2004PL#	ND 0.4kW / HD 0.4kW
VFAS3J-2007PL#	ND 0.75kW / HD 0.75kW
VFAS3J-2015PL#	ND 1.5kW / HD 1.5kW
VFAS3J-2022PL#	ND 2.2kW / HD 2.2kW
VFAS3J-2037PL#	ND 4kW / HD 4kW
VFAS3J-2055PL#	ND 5.5kW / HD 5.5kW
VFAS3J-2075PL#	ND 7.5kW / HD 7.5kW
VFAS3J-2110PM#	ND 11kW / HD 11kW
VFAS3J-2150PM#	ND 15kW / HD 15kW
VFAS3J-2185PM#	ND 22kW / ND 18.5kW / HD 18.5kW
VFAS3J-2220PM#	ND 30kW / HD 22kW
VFAS3J-2300PM#	ND 37kW / HD 30kW
VFAS3J-2370PM#	ND 45kW / HD 37kW
VFAS3J-2450PM#	ND 55kW / HD 45kW
VFAS3J-2550P#	ND 75kW / HD 55kW
VFAS3J-2750P#	ND 90kW / HD 75kW

(1) # can be nothing or 1 to 9

(2) ND = Normal Duty, HD = Heavy Duty

Reference (1)	Range (2)
VFAS3J-2004PLY-A*	ND 0.4kW / HD 0.4kW
VFAS3J-2007PLY-A*	ND 0.75kW / HD 0.75kW
VFAS3J-2015PLY-A*	ND 1.5kW / HD 1.5kW
VFAS3J-2022PLY-A*	ND 2.2kW / HD 2.2kW
VFAS3J-2037PLY-A*	ND 4kW / HD 4kW
VFAS3J-2055PLY-A*	ND 5.5kW / HD 5.5kW
VFAS3J-2075PLY-A*	ND 7.5kW / HD 7.5kW
VFAS3J-2110PMY-A*	ND 11kW / HD 11kW
VFAS3J-2150PMY-A*	ND 15kW / HD 15kW
VFAS3J-2185PMY-A*	ND 22kW / ND 18.5kW / HD 18.5kW
VFAS3J-2220PMY-A*	ND 30kW / HD 22kW
VFAS3J-2300PMY-A*	ND 37kW / HD 30kW
VFAS3J-2370PMY-A*	ND 45kW / HD 37kW
VFAS3J-2450PMY-A*	ND 55kW / HD 45kW
VFAS3J-2550PY-A*	ND 75kW / HD 55kW
VFAS3J-2750PY-A*	ND 90kW / HD 75kW

(1) * can be completed by nothing or 1 to 3 characters.

(2) ND = Normal Duty, HD = Heavy Duty

Compliance with EMC directive will require the installation of all system components (VFAS3J-2xxxPM or VFAS3J-2xxxP + Additional EMC input filters(Optional)) and the application of the EMC guide which gives requirements, details and advices for installation of products used.

Reference (1)	Short Description
FN3270H-80-35	Additional EMC input filters
FN3270H-100-35	Additional EMC input filters
FN3270H-200-99	Additional EMC input filters
FN3270H-320-99	Additional EMC input filters
FN3270H-400-99	Additional EMC input filters

(1) Schaffner FN3270H series are recommended.

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Three phase 380V to 480Vac

Reference (1)	Range (2)
VFAS3J-4007PL#	ND 0.75kW / HD 0.75kW
VFAS3J-4015PL#	ND 1.5kW / HD 1.5kW
VFAS3J-4022PL#	ND 2.2kW / HD 2.2kW
VFAS3J-4037PL#	ND 4kW / HD 4kW
VFAS3J-4055PL#	ND 5.5kW / HD 5.5kW
VFAS3J-4075PL#	ND 7.5kW / HD 7.5kW
VFAS3J-4110PL#	ND 11kW / HD 11kW
VFAS3J-4150PL#	ND 15kW / HD 15kW
VFAS3J-4185PL#	ND 22kW / ND 18.5kW / HD 18.5kW
VFAS3J-4220PL#	ND 30kW / HD 22kW
VFAS3J-4300PL#	ND 37kW / HD 30kW
VFAS3J-4370PL#	ND 45kW / HD 37kW
VFAS3J-4450PL#	ND 55kW / HD 45kW
VFAS3J-4550PL#	ND 75kW / HD 55kW
VFAS3J-4750PL#	ND 90kW / HD 75kW
VFAS3J-4900PC#	ND 110kW / HD 90kW
VFAS3J-4110KPC#	ND 132kW / HD 110kW

(1) # can be nothing or 1 to 9

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Reference (1)	Range (2)
VFAS3J-4007PLY-A*	ND 0.75kW / HD 0.75kW
VFAS3J-4015PLY-A*	ND 1.5kW / HD 1.5kW
VFAS3J-4022PLY-A*	ND 2.2kW / HD 2.2kW
VFAS3J-4037PLY-A*	ND 4kW / HD 4kW
VFAS3J-4055PLY-A*	ND 5.5kW / HD 5.5kW
VFAS3J-4075PLY-A*	ND 7.5kW / HD 7.5kW
VFAS3J-4110PLY-A*	ND 11kW / HD 11kW
VFAS3J-4150PLY-A*	ND 15kW / HD 15kW
VFAS3J-4185PLY-A*	ND 22kW / ND 18.5kW / HD 18.5kW
VFAS3J-4220PLY-A*	ND 30kW / HD 22kW
VFAS3J-4300PLY-A*	ND 37kW / HD 30kW
VFAS3J-4370PLY-A*	ND 45kW / HD 37kW
VFAS3J-4450PLY-A*	ND 55kW / HD 45kW
VFAS3J-4550PLY-A*	ND 75kW / HD 55kW
VFAS3J-4750PLY-A*	ND 90kW / HD 75kW
VFAS3J-4900PCY-A*	ND 110kW / HD 90kW
VFAS3J-4110KPCY-A*	ND 132kW / HD 110kW

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Options list

Category	Option	Reference
I/O Extension Modules	I/O extension 1	ETB013Z
	I/O extension 2	ETB014Z
Communication Option	EtherCAT	IPE003Z
	Ethernet / IP - Modbus TCP	IPE004Z
	CC-Link	CCL003Z
	DeviceNet	DEV003Z
	PROFIBUS-DP	PDP003Z
Option Adaptor		SBP013Z
Encoder Interface Cards	Push-pull outputs 12 Volts	VEC014Z
	Push-pull outputs 15 Volts	VEC015Z
	Push-pull outputs 24 Volts	VEC016Z
	RS422 compatible	VEC017Z
Advanced Keypad		RKP010Z-A1
Remote keypad	Remote keypad 1	RKP002Z
	Remote keypad 2	RKP007Z
Adaptor	Adaptor for RKP010Z-A1	SBP014Z
Door Mounting Kit	Door Mounting Kit for RKP010Z-A1	SBP010Z
Power option	DC choke	DCL1-4900
		DCL1-4110K



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VFAS3J-4037PLV-A*	ND 4kW / HD 4kW
VFAS3J-4055PLV-A*	ND 5.5kW / HD 5.5kW
VFAS3J-4075PLV-A*	ND 7.5kW / HD 7.5kW
VFAS3J-4110PLV-A*	ND 11kW / HD 11kW
VFAS3J-4150PLV-A*	ND 15kW / HD 15kW
VFAS3J-4185PLV-A*	ND 22kW / ND 18.5kW / HD 18.5kW
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VFAS3J-4370PLV-A*	ND 45kW / HD 37kW
VFAS3J-4450PLV-A*	ND 55kW / HD 45kW
VFAS3J-4550PLV-A*	ND 75kW / HD 55kW
VFAS3J-4750PLV-A*	ND 90kW / HD 75kW
VFAS3J-4900PCV-A*	ND 110kW / HD 90kW
VFAS3J-4110KPCV-A*	ND 132kW / HD 110kW

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	Ethernet / IP - Modbus TCP	IPE004Z
	CC-Link	CCL003Z
	DeviceNet	DEV003Z
	PROFIBUS-DP	PDP003Z
Option Adaptor		SBP013Z
Encoder Interface Cards	Push-pull outputs 12 Volts	VEC014Z
	Push-pull outputs 15 Volts	VEC015Z
	Push-pull outputs 24 Volts	VEC016Z
	RS422 compatible	VEC017Z
Advanced Keypad		RKP010Z-A1
Remote keypad	Remote keypad 1	RKP002Z
	Remote keypad 2	RKP007Z
Adaptor	Adaptor for RKP010Z-A1	SBP014Z
Door Mounting Kit	Door Mounting Kit for RKP010Z-A1	SBP010Z
Power option	DC choke	DCL1-4900
		DCL1-4110K