



EU DECLARATION OF CONFORMITY

We : Toshiba Industrial Products and Systems Shanghai Corporation
268, Xizang Middle Road, Huangpu District,
Shanghai, P.R.China
(TSIJ)

Hereby declare under our sole responsibility that the products:

Trademark	Toshiba
Product, Type	TOSVERT VF-AS3 & dedicated options
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 ed.2.1 (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 ed.3.0 (2017)
Machinery Directive 2006/42/EC	EN ISO 13849-1:2015 Category 3 PL"e" Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design
	EN ISO 13849-2:2012 Safety of machinery – Safety-related parts of control systems – Part 2: Validation
	EN 61800-5-2:2007 SIL3 Adjustable speed electrical power drive systems – Part 5-2: Safety requirements – Functional. Other standard considered: IEC 61800-5-2 ed.1.0 (2007) / ed.2.0 (2016) A certification has been carried out by TUV NORD SYSTEMS GMBH & CO.KG (European Notified Body identified under the number 0045) report no SEBS.A-105339/15-2
	Other standard considered: IEC 61508-1/-2 ed.2.0 (2010) SIL3, IEC62061 ed.1.2 (2015) SIL _{CL3}
ATEX Directive 2014/34/EU	EN 50495:2010 Safety devices required for the safe functioning of equipment with respect to explosion risks.
	EU type examination certificate ref INERIS 18ATEX0003X  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:

UL508C / UL61800-5-1, CSA 22.2 No.274: 2017



EU DECLARATION OF CONFORMITY

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.

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

Pacy-sur-Eure, Oct 24th 2023

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

Oct. 25th 2023



EU DECLARATION OF CONFORMITY

List of references VF-AS3:

Three phase 380V to 480Vac

Reference (1)	Range (2)
VFAS3-4007PC-F	1.5 kW
VFAS3-4015PC-F	2.2 kW
VFAS3-4022PC-F	4 kW
VFAS3-4037PC-F	5.5 kW
VFAS3-4055PC-F	7.5 kW
VFAS3-4075PC-F	11 kW
VFAS3-4110PC-F	15 kW
VFAS3-4150PC-F	18.5 kW
VFAS3-4185PC-F	22 kW
VFAS3-4220PC-F	30 kW
VFAS3-4300PC-F	37 kW
VFAS3-4370PC-F	45 kW
VFAS3-4450PC-F	55 kW
VFAS3-4550PC-F	75 kW
VFAS3-4750PC-F	90 kW
VFAS3-4900PC-F	110 kW
VFAS3-4110KPC-F	132 kW
VFAS3-4132KPC-F	160 kW
VFAS3-4160KPC-F	220 kW
VFAS3-4200KPC-F	250 kW
VFAS3-4220KPC-F	280 kW
VFAS3-4280KPC-F	315 kW

(1) May be followed by 1 to 3 characters.

(2) Output power @Normal duty

Internal Options list

Category	Option	Reference
Communication Cards	CANopen 2 x RJ45	CAN001Z
	CANopen Sub-D	CAN002Z
	CANopen open terminal	CAN003Z
	PROFINET	PNE001Z
	PROFIBUS-DP	PDP003Z
	DeviceNet	DEV003Z
	EtherCAT	IPE003Z
I/O Extension Modules	I/O extension 1	ETB013Z
	I/O extension 2	ETB014Z
Encoder Interface Modules	Digital encoder	VEC008Z
	Resolver	VEC010Z
Extension Panel	Remote keypad	RKP007Z
	Operation Panel	RKP010Z
Power option	Braking unit	PB7-4132K
	Braking unit	PB7-4200K
Control option	Door Mounting Kit	SBP010Z
	Option adaptor	SBP011Z