



Product Service

# CERTIFICATE

No. Z10 105165 0010 Rev. 02

**Holder of Certificate:** DELTA ELECTRONICS, INC

No. 18, Xinglong Rd.  
Taoyuan District  
330477 Taoyuan City  
TAIWAN

**Certification Mark:**



**Product:** Safety components  
AC Servo drive

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** DT101019C

**Valid until:** 2029-02-06

**Date,** 2024-02-08

( Peter Weiß )

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**Parameters:** Safety function STO (SIL 3, PL e, Cat. 3)

**Tested according to:**

- IEC 61508-1:2010
- IEC 61508-2:2010
- IEC 61508-3:2010
- EN 61508-1:2010
- EN 61508-2:2010
- EN 61508-3:2010
- EN ISO 13849-1:2015
- EN IEC 62061:2021
- IEC 61800-5-2:2016
- EN 61800-5-2:2017
- EN 61800-5-1:2007/A11:2021
- IEC 61326-3-1:2017
- EN 61326-3-1:2017
- IEC 61000-6-7:2014
- EN 61000-6-7:2015

**Model(s):** **ASD-A3**

## Nomenclature

**ASD - ww - xxyy - zz**

**ww** – Series:

A3 Standard type

**xx** – rated output:

- 01 100 W
- 02 200 W
- 04 400W
- 07 750W
- 10 1kW
- 15 1.5kW
- 20 2kW
- 30 3kW
- 45 4.5kW
- 55 5.5kW
- 75 7.5kW
- 1B 11kW
- 1F 15kW

**yy** – Input voltage / number of phases (non-safety related)

- 43 400V / 3phases
- 21 200V / 1phase or 3phases
- 23 200V / 3phases

**zz** – Function identification code (non-safety related)

- E EtherCAT
- M Pulse / Analog and CANopen
- L Pulse / Analog
- F DMCNET

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- EL EtherCAT for specific customers  
(Product identical to E, only the end of the model name is added.)
- EP EtherCAT / PROFINET
- ES EtherCAT (dust-proof model)  
(HW and FW are identical to standard E type.)
- MS Pulse / Analog and CANopen (dust-proof model)  
(HW and FW are identical to standard E type.)