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Introducing Delta's AS02HC-A



Dear Customers and Partners,

We are glad to share with you the release of AS02HC-A - the high-speed counter extension module for AS and AX3 series PLC, supporting both incremental and SSI encoder types.

This extension module adds to any AS/AX3 series PLC two 32bit encoder channels with the following specs:

Two separate encoder channels can be set on the next modes:

Incremental:

- Max.frequency : 200kHz
- Modes: A/B/Z, UP/DOWN, pulse/direction
- Encoder signal types: 5V Differential / NPN / PNP / Push-Pull

SSI:

- Coding: binary and gray

High-Speed functions available for each encoder channel:

- Compare: Preset a comparison value and compare it with the present value of the counter to set a high-speed output (2 outputs available for each channel).
- Capture: The counting value is captured through a phase Z input trigger or channel comparison-matched trigger.

DIADesigner/ISPSoft offers a set of dedicated instructions that simplify the integration of AS02HC-A on an AS series application.

AS02HC-A can ONLY be mounted on the right side of AS/AX3 series PLC, however, it is NOT possible to mount on the CANopen or EtherNet/IP remote header.

Up to eight AS02HC-A can be mounted on a single AS/AX3 series PLC (the limitation of eight units affects all counter and position control extension modules).

Stock & Price

Compared to the market, we offer advanced features at a competitive price. Furthermore, the new device is now ready to be ordered.

If you want to have more detail on the pricing of AS02HC-A, please get in touch with your Delta sales contact person, and do not hesitate to contact us if you have any questions or requests.

For more information

[Catalogue \(AS/AX3 family\)](#)

[Module Manual \(AS module family\)](#)

[Certifications UL](#)

[Certifications CE](#)

[Installation Instructions](#)

[Drawings in PDF](#)

[3D Drawings \(IGS\)](#)

[2D Drawings \(DWG\)](#)

Kind regards,

Delta EMEA IA Marketing

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Our mailing address is:

Delta Electronics (Netherlands) B.V.
Automotive Campus 260, 5708JZ Helmond, The Netherlands

Headquarter: Delta Electronics (Netherlands) B.V.

Marketing: Marketing.IA.EMEA@deltaww.com
Sales: Sales.IA.EMEA@deltaww.com
Technical Support: jatechnicalsupport@deltaww.com
Customer Support: Customer-Support@deltaww.com
Service: Service.IA.emea@deltaww.com

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