



User Manual

ACA11 (EEC)

Ord. code

943 751-002

Installation

AutoConfiguration Adapter

ACA11-M12 (EEC)

Ord. code

943 972-001

The AutoConfiguration Adapters ACA11-... are devices for storing and updating configuration data and software for the Hirschmann Industrial Ethernet devices¹⁾. In the case of a device failure, the ACA11-... enables a simple configuration data transfer by means of a substitute device of the same type.

Storing the current configuration data in the ACA11-...

You can transfer the current device configuration onto the ACA11-... and simultaneously onto the flash memory of the device using the Web-based Interface (Menu „Load/Save“) or using the Command Line Interface.

Transferring the configuration data from the ACA11-...

When you restart, the device transfers the configuration data of the ACA11-... and saves it permanently into the flash memory.

¹⁾ Whether your device supports ACA11-... is mentioned on the product page on the Internet.

Installing the ACA 11-...

Plug the ACA11-... onto the V.24 or the M12 terminal of the device.

Note: When you restart, the device always assumes the configuration data of the ACA and saves them permanently into the flash memory. The status of the AutoConfiguration Adapter in the Web-based Interface or Command Line Interface shows you whether the configuration data of the ACA coincides with the configuration data of the device.

Notes:

- The ACA11-... is intended for use and connection only to listed Hirschmann Industrial Ethernet products providing Limited Power Source according to the EN 60950-1 requirements.
- Maximum Electrical Ratings: U_{in} : ± 15 V, I_{in} : 3 mA.
- The ACA11-... is intended for use without an additional extension-cable.
- Peripheral equipment must be suitable for the location it is used in.

Relevant for use in explosion hazard areas (Hazardous Locations, Class I, Division 2)

When using the ACA11-... devices as industrial control equipment, the following restrictions apply: This equipment is suitable for use in Class I, Division 2, Groups A, B, C, D – OR non-hazardous locations, if labeled "**FOR USE IN HAZARDOUS LOCATIONS**".

In addition, the following restrictions apply:

Ta: +32 °F to +140 °F (0 °C to +60 °C), temperature code: T4 (standard)

Ta: -40 °F to +158 °F (-40 °C to +70 °C), temperature code: T4 for EEC and (EEC) types only (extended).

WARNING – EXPLOSION HAZARD – Do not disconnect equipment unless power has been removed or the area is known to be nonhazardous. To be supplied by a class 2 power supply or isolated low voltage limited energy (LVLE).

WARNING – EXPLOSION HAZARD – Substitution of any components may impair suitability for Class I, Division 2.

Avertissement – Risque d'explosion – Ne pas débrancher tant que le circuit est sous tension à moins que l'emplacement soit connu pour ne contenir aucune concentration de gaz inflammable.

Avertissement – Risque d'explosion – La substitution de tout composant peut rendre ce matériel incompatible pour une utilisation en classe I, division 2.

ATEX directive 2014/34/EU – specific regulations for safe operation

In Ex zone 2, only devices with a corresponding label may be operated. When operating the devices and modules in Ex zone 2, the following applies:

 II 3G Ex nA IIC T4 Gc

Ta: +32 °F ... +140 °F (0 °C ... +60 °C), temperature code: T4 (standard)

Ta: -40 °F ... +158 °F (-40 °C ... +70 °C), temperature code: T4 for EEC and (EEC) types only (extended)

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Special conditions for safe use:

Install the ACA11-... modules in a suitable enclosure according to EN 60079-15, taking into account the ambient conditions under which the equipment will be used.

Notes on the CE marking:

The labeled devices comply with the regulations contained in the following European directives:

2011/65/EU and 2015/863/EU (RoHS)

Directive of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

2014/30/EU (EMC)

Directive of the European Parliament and of the Council on the harmonisation of the laws of the Member States relating to electromagnetic compatibility.

In accordance with the above-named EU directives, the EU conformity declaration will be available to the relevant authorities at the following address:

Hirschmann Automation and Control GmbH

Stuttgarter Str. 45-51

72654 Neckartenzlingen

Germany

www.hirschmann.com

Technical questions

For technical questions, please contact any Hirschmann dealer in your area or Hirschmann directly. You will find the addresses of our partners on the Internet at <http://www.hirschmann.com>.

A list of local telephone numbers and email addresses for technical support directly from Hirschmann is available at <https://hirschmann-support.belden.com>.

This site also includes a free of charge knowledge base and a software download section.



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