



**Product:** [ACA21-M12 \(EEC\)](#)

Auto-configuration adapter 64 MB, M12 (USB 1.1) , EEC

## Product Description

Auto-configuration adapter, with M12 connection and extended temperature range, saves two different versions of configuration data and operating software from the connected switch. It enables managed switched to be easily commissioned and quickly replaced.

## Technical Specifications

### Product description

|               |  |
|---------------|--|
| Type:         | ACA21-M12 EEC  |
| Description:  | Auto-configuration adapter 64 MB, with M12 (USB 1.1) connection and extended temperature range, saves two different versions of configuration data and operating software from the connected switch. It enables managed switches to be easily commissioned and quickly replaced. |
| Part Number:  | 943913003  |
| Cable Length: | 50 cm  |

### More Interfaces

|                              |                |
|------------------------------|----------------|
| USB interface on the switch: | M12 connection |
|------------------------------|----------------|

### Power requirements

|                    |                                     |
|--------------------|-------------------------------------|
| Operating Voltage: | via the USB interface on the switch |
|--------------------|-------------------------------------|

### Software

|                |   |
|----------------|---|
| Diagnostics:   | writing to ACA, reading from ACA, writing/reading not OK (display using LEDs on the switch) |
| Configuration: | via USB interface of the switch and via SNMP/Web  |

### Ambient conditions

|                                     |                           |
|-------------------------------------|---------------------------|
| MTBF:                               | 359 years (MIL-HDBK-217F) |
| Operating temperature:              | -40-+70 °C                |
| Storage/transport temperature:      | -40-+85 °C                |
| Relative humidity (non-condensing): | 10-95 %                   |

### Mechanical construction

|                     |                       |
|---------------------|-----------------------|
| Dimensions (WxHxD): | 93 mm x 29 mm x 15 mm |
| Weight:             | 70 g                  |
| Mounting:           | plug-in module        |
| Protection class:   | IP67                  |

### Mechanical stability

|                          |                                 |
|--------------------------|---------------------------------|
| IEC 60068-2-6 vibration: | 1 g, 8,4 Hz - 200 Hz, 30 cycles |
| IEC 60068-2-27 shock:    | 15 g, 11 ms duration, 18 shocks |

### EMC interference immunity

|   |  |
|---|--|
| EN 61000-4-2 electrostatic discharge (ESD): | 6 kV contact discharge, 8 kV air discharge |
| EN 61000-4-3 electromagnetic field:         | 10 V/m                                     |

EMC emitted immunity

|           |          |
|-----------|----------|
| EN 55022: | EN 55022 |
|-----------|----------|

Approvals

|   |   |
|---|---|
| Safety of industrial control equipment:     | cUL 508                                 |
| Safety of information technology equipment: | cUL 508                                 |
| Hazardous locations:                        | ISA 12.12.01 Class 1 Div. 2 ATEX Zone 2 |
| Shipbuilding:                               | DNV                                     |
| Transportation:                             | EN50121-4                               |

Reliability

|            |   |
|------------|---|
| Guarantee: | 24 months (please refer to the terms of guarantee for detailed information) |
|------------|---|

Scope of delivery and accessories

|                    |                          |
|--------------------|--------------------------|
| Scope of delivery: | device, operating manual |
|--------------------|--------------------------|

Further Instructions

|                        |   |
|------------------------|---|
| Product Documentation: | <a href="https://www.doc.hirschmann.com">https://www.doc.hirschmann.com</a>                                     |
| Certificates:          | <a href="https://www.doc.hirschmann.com/certificates.html">https://www.doc.hirschmann.com/certificates.html</a> |

History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.117 Revision Date: 04-17-2024 |
|----------------------|--|

Variants

| Item #    | Type            | Cable Length |
|-----------|-----------------|--------------|
| 943913003 | ACA21-M12 (EEC) | 50 cm        |

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