

**Product:** [ACA22A-USB Mini](#) 

Cordless Auto-configuration adapter 512 MB, USB 2.0, EEC



**Product Description**

Cordless Auto-configuration adapter 512 MB, with USB 2.0 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.

**Technical Specifications**

**Product description**

|              |                                                                                                                                                                                                                                                                                      |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type:        | ACA22A (Mini)                                                                                                                                                                                                                                                                        |
| Description: | Cordless Auto-configuration adapter 512 MB, with USB 2.0 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: | 942152001                                                                                                                                                                                                                                                                            |

**More Interfaces**

|                              |                 |
|------------------------------|-----------------|
| USB interface on the switch: | USB-A connector |
|------------------------------|-----------------|

**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): | 16 mm x 8 mm x 46 mm |
| Weight:             | 10 g                 |
| Mounting:           | plug-in module       |
| Protection class:   | IP20                 |

**Mechanical stability**

|                          |                                 |
|--------------------------|---------------------------------|
| IEC 60068-2-6 vibration: | 1 g, 10 Hz - 150 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   |
| 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, security instructions |
|--------------------|-------------------------------|

## 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: 0.105 Revision Date: 04-17-2024 |
|----------------------|--------------------------------------------------|

## Variants

| Item #    | Type   |
|-----------|--------|
| 942152001 | ACA22A |

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