

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

Auto-configuration adapter 64 MB, USB 1.1, EEC



### Product Description

Auto-configuration adapter, with USB 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:	ACA21-USB EEC
Name:	ACA21-USB (EEC)
Description:	Auto-configuration adapter 64 MB, with 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:	943271003
Cable Length:	20 cm

#### More Interfaces

USB interface on the switch:	USB-A connector
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#### Power requirements

Operating Voltage:	via the USB interface on the switch
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#### 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
Minimum Storage Temperature:	-40-+85 °C
Relative humidity (non-condensing):	10-95 %

#### Mechanical construction

Dimensions (WxHxD):	93 mm x 29 mm x 15 mm
Weight:	50 g
Mount Type:	plug-in module
IP Protection Rating:	IP20

#### 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
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## 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 <a href="https://assets.belden.com/m/1424ddb7a3280e7a/original/Hirschmann-Automation-and-Control-GmbH-Terms-of-Guarantee.pdf">terms of guarantee</a> for detailed information)
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## Scope of delivery and accessories

Scope of delivery:	device, operating manual
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## 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: 0.132 Revision Date: 02-20-2026
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## Variants

Item #	Type	Cable Length
943271003	ACA21-USB (EEC)	20 cm

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