

## Product: [ACA31](#)



Auto-configuration adapter, SD card with 512 MB, EEC

### Product Description

Auto-configuration adapter, SD card with 512MB, extended temperature range, saves two different versions of configuration data and operating software from the connected switch. It enables managed switched to be easily comissioned and quickly replaced.

### Technical Specifications

#### Product description

Type:	ACA31
Name:	ACA31
Description:	Auto-configuration adapter, SD card with 512 MB, extended temperature range, saves two different versions of configuration data and operating software from the connected switch. It enables managed switches to be easily commissionned and quickly replaced.
Part Number:	942074001

#### Power requirements

Operating Voltage:	via the SD switch interface
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#### Software

Diagnostics:	writing to ACA, reading from ACA, writing/reading not OK (display using LEDs on the switch)
Configuration:	via SD switch interface

#### Ambient conditions

Operating temperature:	-40-+85 °C
Minimum Storage Temperature:	-40-+85 °C
Relative humidity (non-condensing):	10-95 %

#### Mechanical construction

Dimensions (WxDxH):	32 mm x 24 mm x 2,1 mm
Weight:	5 g
Mount Type:	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
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## Reliability

Guarantee: 24 months (please refer to the &lt;a href="https://assets.belden.com/m/1424ddb7a3280e7a/original/Hirschmann-Automation-and-Control-GmbH-Terms-of-Guarantee.pdf" terms of guarantee &lt;/a for detailed information)

## Scope of delivery and accessories

Scope of delivery: device, operating manual

## Further Instructions

Product Documentation: <https://www.doc.hirschmann.com>

Certificates: <https://www.doc.hirschmann.com/certificates.html>

## History

Update and Revision: Revision Number: 0.112 Revision Date: 11-27-2025

## Variants

Item #	Type
942074001	ACA31

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