



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 switches to be easily commissioned 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 commissioned and quickly replaced.
Part Number:	942074001

Power requirements

Operating Voltage:	via the SD switch interface
--------------------	-----------------------------

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 (WxHxD):	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
-----------	----------

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:	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

© 2026 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.