HIRSCHMANN
A BELDEN BRAND



Product: ACA22-USB (EEC)

Auto-configuration adapter 512 MB, USB 2.0, EEC

Product Description

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 switched to be easily comissioned and quickly replaced.

Technical Specifications

Product description

Type:	ACA22-USB EEC
Name:	ACA22-USB (EEC)
Description:	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:	942124001
Cable Length:	50 cm

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:	228 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

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 &lta 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: 0.130 Revision Date: 02-20-2026

Variants

Item #	Type	Cable Length
942124001	ACA22-USB (EEC)	50 cm

© 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.