HIRSCHMANN
A BELDEN BRAND



Product: ACA22-M12 (EEC)

Auto-configuration adapter 512 MB, M12 (USB 2.0) , EEC

Product Description

Auto-configuration adapter 512 MB, with M12 (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-M12 EEC
Name:	ACA22-M12 (EEC)
Description:	Auto-configuration adapter 512 MB, with M12 (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:	942125001
Cable Length:	50 cm

More Interfaces

USB interface on the switch:	M12 connection

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:	70 g
Mount Type:	plug-in module
IP Protection Rating:	IP67

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
942125001	ACA22-M12 (EEC)	50 cm

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