

Product: [ACA22-M12-C \(EEC\)](#)

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

Cordless 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.

Technical Specifications
Product description

Name:	ACA22-M12-C (EEC)
Part Number:	942306001

More Interfaces

USB interface on the switch:	M12 connection
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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):	23 mm x 23 mm x 65 mm
Weight:	80 g
Mount Type:	plug-in module
Protection class:	IP67

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):	8 kV contact discharge, 15 kV air discharge
EN 61000-4-3 electromagnetic field:	20 V/m

EMC emitted immunity

Approvals

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, security instructions
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History

Update and Revision:	Revision Number: 0.30 Revision Date: 11-27-2025
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Variants

Item #	Type
942306001	ACA22-M12-C (EEC)

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