

Product: [BAS22-8TX-HV-55](#) 

Unmanaged, 8x 10/100BASE TX / RJ45 with PoE, 55W Power Budget ,AC HV



Product Description

Unmanaged Ethernet Switch Range for Building Automation Applications, MDRC form factor.

Technical Specifications

Product description

Name:	BAS22-8TX-HV-55
Description:	Unmanaged Ethernet Switch Range for Building Automation Applications, MDRC form factor.
Part Number:	942307003
Port type and quantity:	8x 10/100BASE TX / RJ45

More Interfaces

Power supply/signaling contact:	6 poles, Nominal cross section max. 1.5 mm ² , no signal contact
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Power requirements

Operating Voltage:	100 V AC ... 240 V AC
Power consumption:	2.5 W (without PoE) / 66 W (with 55 W PoE Load)
Power output in BTU (IT)/h:	8.6 (without PoE) / 37.6 (with 55 W PoE Load)

Diagnostics features

Diagnostic functions:	LEDs (power, link/activity status,POE)
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Ambient conditions

Operating temperature:	-5-+60 °C
Storage/transport temperature:	-40-+85 °C
Relative humidity (non-condensing):	20-90 %

Mechanical construction

Dimensions (WxHxD):	210 mm x 90 mm x 64 mm
Weight:	410 g
Mounting:	DIN Rail
Protection class:	IP20

Mechanical stability

IEC 60068-2-6 vibration:	3.5 mm, 5 Hz - 8.4 Hz, 10 cycles, 1 octave/min. 1g, 8.4 Hz - 150 Hz, 10 cycles, 1 octave/min.
IEC 60068-2-27 shock:	15 g, 11 ms duration

EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD):	4 kV contact discharge, 8 kV air discharge
EN 61000-4-4 fast transients (burst):	2 kV power line, 2 kV data line
EN 61000-4-5 surge voltage:	power line: 2 kV (line/earth), 1 kV (line/line); data line: 1 kV
EN 61000-4-6 Conducted Immunity:	10 V (150 kHz-80 MHz)

EMC emitted immunity

EN 55032:	EN 55032 Class A
FCC CFR47 Part 15:	FCC 47CFR Part 15, Class A

Approvals

Basis Standard:	CE, FCC
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Reliability

Guarantee:	60 months (please refer to the terms of guarantee for detailed information)
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Further Instructions

Product Documentation:	https://www.doc.hirschmann.com
Certificates:	https://www.doc.hirschmann.com/certificates.html
Software Download:	https://hirschmann-support.belden.com/en-US/downloads

History

Update and Revision:	Revision Number: 0.44 Revision Date: 05-07-2025
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Variants

Item #	Type
942307003	BAS22-8TX-HV-55

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