

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
---------------------------------	---

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)
-----------------------	--

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
-----------------	---------

Reliability

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

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: 0.42 Revision Date: 02-03-2025
----------------------	---

Variants

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

© 2025 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.