

**Product:** [BAS20-8TX-HV](#) 

Unmanaged, 8x 10/100BASE TX / RJ45 DC/AC LV Non-POE



**Product Description**

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

**Technical Specifications**

**Product description**

Name:	BAS20-8TX-HV
Description:	Unmanaged Ethernet Switch Range for Building Automation Applications, MDRC form factor.
Part Number:	942307002
Port type and quantity:	8x 10/100BASE TX / RJ45

**More Interfaces**

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

Operating Voltage:	100 V AC ... 240 V AC
Power consumption:	1.4 W
Power output in BTU (IT)/h:	4.8

**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):	140 mm x 90 mm x 64 mm
Weight:	250 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 <a href="#">terms of guarantee</a> for detailed information)
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## Further Instructions

Product Documentation:	<a href="https://www.doc.hirschmann.com">https://www.doc.hirschmann.com</a>
Certificates:	<a href="https://www.doc.hirschmann.com/certificates.html">https://www.doc.hirschmann.com/certificates.html</a>
Software Download:	<a href="https://hirschmann-support.belden.com/en-US/downloads">https://hirschmann-support.belden.com/en-US/downloads</a>

## History

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

Item #	Type
942307002	BAS20-8TX-HV

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