Anybus Unmanaged L2 Switch



Item number: AWB5001-B

The Anybus Unmanaged L2 Switch creates simple and robust data networks in harsh industrial settings. With Gigabit throughput and ultra-low power consumption, it's ideal for small networks where reliable and basic connectivity meets application requirements.

Provides simple, robust networking with Gigabit speed and low power consumption.

Features and benefits

- **High-Speed 8-port Gigabit switch**
  Optimal network performance with 8 Gigabit ports featuring auto-negotiation for rapid data transfers.
- **Jumbo Frame support**
  Supports 9 kB Jumbo Frames, allowing for the efficient transfer of large amounts of data.
- **Broadcast storm protection**
  Built-in broadcast storm protection prevents disruptions caused by excessive broadcast traffic.
- **Energy-efficient power management**
  Complies with IEEE 802.3az EEE, providing ultra-low power consumption (max 2.6W). The idle power-saving mode and support for dual power supply further reduce power usage.
- **DIN-Rail mounting**
  DIN-rail mounting enables you to install the switch close to connected devices, thereby reducing wiring requirements.
- **Efficient MAC address management**
  A 4k MAC address table enables you to efficiently manage devices within your network.
- **Quality of Service (QoS) and VLAN support**
  IEEE 802.1p QoS and 802.1Q VLAN support enables you to prioritize and segregate network traffic effectively, ensuring optimized performance for critical applications.
- **Non-blocking switch fabric**
  Efficiently handles simultaneous data transfers between all ports without bottlenecks or slowdown.
- **Dual power supply support**
  Support for dual power supplies ensures uninterrupted network operation.
- **Industrial design**
  Withstands harsh environments thanks to its IP40-rated enclosure and wide operating temperature range.

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General

Net Weight (g)	555
Packed Width (mm)	14
Packed Height (mm)	8
Packed Depth (mm)	20
Packed Weight (g)	680
Operating Temperature °C Min	-40
Operating Temperature °C Max	70
Storage Temperature °C Min	-40
Storage Temperature °C Max	80
Mounting	DIN rail mount (bracket included)
Housing Materials	Steel
Packaging Material	Cardboard
Warranty (years)	3 years

Identification and Status

Product ID	AWB5001-B
Country of Origin	Taiwan (Province of China)
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	5A992.c

Physical Features

Contains Battery	No



Certifications and Standards

Environment	EN 61000-6-4:2019 EN 61000-6-2:2019 EC 61000-4-2:2008 IEC 61000-4-3:2006 + A1:2007 + A2:2010 IEC 61000-4-4:2012 IEC 61000-4-5:2014 + A1:2017 IEC 61000-4-6:2013 IEC 61000-4-8:2009
WEEE Category	IT and telecommunications equipment