



## // ABC S-U0080 Full Gigabit DIN-Rail unmanaged Industrial Switch

ABC S-U0080 Full Gigabit DIN-Rail unmanaged Industrial Switch can be seen in the harsh environment of each and every industrial sector. As one of the low cost and high reliability solutions to connect terminal devices to network, the Ethernet Switch shows remarkable features such as high electromagnetic immunity and anti-shock & anti-vibration ability based on the extended industrial design. The switch utilizes FPGA-and CPLD dynamic reconfiguration and replicates programming technology for high stability and reliability. Advanced solution, extended industrial design, and patented technologies make ABC S-U0080 to one of the top choices for harsh industrial environments.

You can find the latest software updates and prices on: [www.abcit.eu](http://www.abcit.eu)

## BENEFITS & FEATURES

- Unmanaged Switch with high performance and flexible configuration
- 8 x 1000 Mbps TX ports
- Support up to 16 Gbps backplane bandwidth
- Dual redundant power inputs design for DC models
- Compact size and convenient installation
- Protection grade: IP40, metal housing
- Fanless, -40° to 75°C wide operating temperature range
- MTBF >400,000 hours

## TECHNICAL DATA

### HARDWARE

<b>Input Voltage</b>	18-36 VDC
<b>Interface</b>	8 x 1000 Mbps TX ports

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## TECHNICAL DATA

### HARDWARE DESCRIPTION

<b>Backplane Bandwidth</b>	16Gbps
<b>CPU</b>	Embedded 8051 processor
<b>MAC Table Size</b>	8K
<b>Exchange rate</b>	1000 Mbps

### PHYSICAL PERFORMANCE

<b>MTBF</b>	> 400,000 hours
<b>Operating temperature</b>	-40°C - 75°C
<b>Storage temperature</b>	-40°C - 85°C
<b>Relative Humidity</b>	5% - 95 % (non-condensing)
<b>Dimensions (W x H x L)</b>	110 mm x 28 mm x 140 mm
<b>Protection grade</b>	IP40
<b>Weight</b>	0,5 kg
<b>Power consumption</b>	4.5W

### MECHANICAL CHARACTERISTICS

<b>Vibration</b>	IEC 60068-2-6
<b>Shock</b>	IEC 60068-2-27
<b>Freefall</b>	IEC 60068-2-32
<b>Circuit board</b>	approved by IPC