ABC IT
FOR AUTOMATION

// ABC S-M2080 Full Gigabit DIN-Rail managed Industrial Switch

ABC S-M2080 Full Gigabit DIN-Rail managed 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-M2080 to one of the top choices for harsh industrial environments.

You can find the latest software updates and prices on: www.abcit.eu

BENEFITS & FEATURES

• Layer 2 managed switch with high performance and flexible configuration
• 2 x 100M/1000Mbps SFP ports
• 8 x 1000 Mbps TX ports
• Supports SNMP, WEB, RESET
• Supports the firewall function based on MAC, IP or port ID
• Supports network storm control
• Supports port-based CoS
• Built-in unified ATLANTIS embedded real-time system
• Dual redundant power inputs design for DC models
• Fanless, -40° to 75°C wide operating temperature range

HARDWARE

Input Voltage	18-36 VDC
Interfaces	8 x 1000 Mbps TX ports 2 x 100/1000 Mbps SFP ports

TECHNICAL DATA

HARDWARE DESCRIPTION

Backplane Bandwidth	52Gbps
CPU	MIPS32
MAC Table Size	8K
Memory	128MB
Exchange Rate	100 Mbps, 1000 Mbps

PHYSICAL PERFORMANCE

MTBF	> 400,000 Stunden
Operating Temperature	-40°C - 75°C
Storage Temperature	-40°C - 85°C
Relative Humidity	5% - 95 % (non-condensing)
Dimensions (W x H x L)	156 mm x 42 mm x 170 mm
Protection Grade	IP40
Weight	0,6 kg
Power Consumption	10W

MECHANICAL & ENVIRONMENTAL

Vibration	IEC 60068-2-6
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32
Circuit board	Approved by IPC