

## New Products

### SC708NHB Port 10/100 Mbps ESD Protection Switching HUB



SC708NHB Outlook

The present product is designed as an industrial product, and it is static electricity switching HUB that enables setting to the place where setting had difficulty with general HUB.

(The place where a lot of static electricity occurs, electric noises are loud, and so on.)

A very high AC line noise tolerance and static electricity tolerance have been achieved in this product as compared to our earlier products.

In the AC line noise tolerance examination, the product showed three times the tolerance compared with the product available in our company so far. Moreover, it showed about four times the tolerance in the static electricity impression examination on comparison.

#### Main features

1. It possesses a tolerance of electrostatic 15 kV/ thunder serge 10 kV.
2. It is an automatic setting because it supports the Auto-Negotiation function in all of the eight ports as for the transmission speed (10/100 Mbps) and the transmission mode (Full/Half-Duplex).
3. As the flow control facility by IEEE802.3x (connected with Full-Duplex) and Back-Pressure (connected with Half-Duplex) is supported, the loss of the packet by the overflow of the buffer is cut.
4. Since the Auto-Medium Dependent Interface (MDI) function is supported, it is unnecessary to identify straight/cross cable.
5. Since the AC cable inlet is equipped with a cable holder, the AC cable is prevented from coming off.

Table. Product Specification.

Item	Specifications
Processing type	Store-and-forward
Transmission type	Carrier sense multiple access with collision detection (CSMA/CD)
Number of ports	10/100base-TX 8ports
Packet buffer memory	256 KB
MAC address capacity	4000
Filtering	Short packet Long packet Cyclic redundancy check (CRC) Error packet
Input voltage	AC100V (±10%) 50~60 Hz
Power consumption	About 8 W
Operating temperature	0~50 °C
Operating humidity	30~80 % (Non-condensing)
Storage temperature	−20~60 °C
Storage humidity	20~80 % (Non-condensing)
Weight	1.5 kg
Dimensions	W260.0×D160.0×H43.5 mm
LED	Power : Green Link/active : Green (for 10 Mbps) : Orange (for 100 Mbps) Full : Green
Resist pressure	AC1000 V/min (Plug to product)
AC line noise	+/-2000 V Pulse width 1 μs
ESD tolerance	IEC61000-4-2 Level Special +/-15,000 V Contact discharge 180 times Tolerance of static electricity 500 pF Discharge resistance 0 Ω Discharge interval 1 time/sec
EMC	IEC61000-4-5 Level 2

#### [Information]

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