

## ALLNET switch industrial unmanaged Layer2 4 Port GbE • PoE Budget 180W • 2x PoE bt • 2x SFP • Fanless • DIN • ALL-SGI8004P

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### EAN CODE



## ALLNET switch unmanaged industrial 4-port Gigabit 180W / 2x PoE bt / 2x SFP / fanless / DIN / IP40 / "ALL-SGI8004P

### Highlights:

- Compact industrial switch with 2x 10/100/1000M PoE copper ports and 2x 1000M SFP ports for GBICS
- 2x HighPower PoE ports, up to 90 Watt per port;
- The fiber ports offer 2 modes which can be selected by the dip switch: 100M mode and 1000M mode, to adapt to different requirements;
- Supports relay alarm for power off, network interruption and PoE off
- Supports PoE auto check function, which is specially designed to solve the problems of frozen PoE devices. It can automatically detect the frozen PD devices and restart the output of PSE to the ports and reboot the PD device.
- Support 6KV overvoltage protection, 6KV contact / 8KV air ESD protection.
- Extended temperature range of -40°~75°.

The ALLNET industrial switch ALL-SGI8004P is a very small switch with an extended temperature range of -40°C - +75°C. Due to its small dimensions it is very well suited for switch cabinets and fuse boxes and is also used in industry with strong requirements for dirt and dust protection.

Scope of delivery: Manual, top-hat rail clamp, 5-fold Phoenix clamp power connection, switch, no power supply unit included.

### Technical Details:



| Parameter                   | Specifications   |
|-----------------------------|--|
| Power supply                | Powered by power adaptor   |
| Range of voltage            | DC 48~57V " <b>extra power supply needed, see accessories</b> "  |
| Consumption                 | Self consumption<5W  |
| Downlink ports              | Ports 1~2 10/100/1000Base-T 90W PoE RJ45   |
| Uplink ports                | Ports 3~4 supports 2 modes of 100Base-FX and 1000Base-X  |
| PoE Auto-check              | If detect the frozen PD device, restart it   |
| Working mode of Fibre Ports | It can be selected 100M or 1000M work mode by dip switch   |
| Relay alarm                 | 1 channel relay alarm output for power off, ports PoE off, ports link down   |
| Cable and distance          | Use cat5e/6,100m max   |
| Standard                    | IEEE802.3, IEEE802.3u, IEEE802.3z  |
| Switch fabric               | 8 Gbps   |
| Though put                  | 5.95 Mpps  |
| Buffer                      | 1M   |
| MAC address table           | 8K   |
| Indicator                   | Power: 2 *red Uplink3~4: Green LEDs indicate Link/Act; Downlink 1~2: Yellow LED indicate PoE, green LEDs indicate Link/Act |
| Protection                  | Surge: 6KV, standard: IEC61000-4-5 ESD: 6KV: contact / 8KV: air, standard:IEC61000-4-2                                     |
| Working temperature         | -40°C~75°C   |
| Storage temperature         | -40°C~85°C   |
| Humidity                    | 0~95%(Non condensation)  |
| Dimension(LxWxH)            | 101 mmx65 mmx36mm  |
| Material                    | Aluminium alloy  |
| Colour                      | Black  |
| Net-weight                  | 300g   |
| Marks                       | CE   |

## Attributes

| Attribute | Value |
|-----------|-------|
|-----------|-------|

| Attribute             | Value          |
|-----------------------|----------------|
| Anzahl Ports PoE/LAN: | 2/0            |
| Belüftung Switch:     | Lüfterlos      |
| Einsatzort Switch:    | Industrial DIN |
| Extra Features:       | IP40           |
| LAN Geschwindigkeit:  | 1Gbit/s        |
| Management:           | unmanaged      |
| PoE Budget:           | <200 Watt      |
| PoE Port Leistung:    | 90W BT         |
| SFP Geschwindigkeit:  | SFP 1GBit      |
| Weight:               | 0.24 Kg        |
| Warranty:             | 24.00 Months   |

## Accessories

| Part No. | Name   |
|----------|--|
| 193039   | ALLNET 19"Wandgehäuse, 6HE, T488mm, Lichtgrau, IP55, SO-Serie, incl. 2-Fach Lüftereinheit          |
| 193040   | ALLNET 19"Wandgehäuse, 9HE, T488mm, Lichtgrau, IP55, SO-Serie, incl. 2-Fach Lüftereinheit          |
| 200364   | ALLNET 19"zbh. Gerätehalter für Hutschiene/DIN-Rail Geräte, T150mm/5HE, Lichtgrau, Frontmontage,   |
| 219493   | ALLNET DIN-RAIL wall mount enclosure, T220mm, light gray, IP66, SP, 16x M25 ALL-DIN-101-AC         |
| 219373   | ALLNET DIN-RAIL Wandgehäuse, T223mm, Lichtgrau, IP55, SO-DIN-Serie,                                |
| 219572   | ALLNET DIN-RAIL Wallmount/PoE Smart-Managed Switch T220mm, Light Gray, IP66, SP, ALL-DIN-SGI8012PM |
| 144991   | ALLNET ALL-PR2012P-E / PoE Outdoor IP67 Repeater AT - AT   |
| 189128   | ALLNET PoE 2x Extender Repeater Outdoor Switch IP67  |
| 134034   | ALLNET ALL-B100-24VDC / Power-Booster 24VDC to 48~55VDC 90W  |
| 128033   | ALLNET Switch Modul ALL4750-INDU SFP(Mini-GBIC), 1000Mbit MM                                       |
| 128034   | ALLNET Switch Module ALL4751-INDU SFP(Mini-GBIC), 1000Mbit,  |
| 166757   | ALLNET Switch Modul ALL4752-INDU SFP(Mini-GBIC), 1000Mbit, LX/LC, 20KM, Industrial, -40/+85 Grad,  |



Part No.: 189228  
Vendor Part No.: ALL-SGI8004P

| Part No. | Name   |
|----------|--|
| 193149   | ALLNET Switch Modul ALL4761-INDU SFP(Mini-GBIC), 1000Mbit, WDM(Bidi)/LC, Tx1310nm/Rx1490nm, 9u, 20Km, Industrial -40/+85 Grad, |
| 193150   | ALLNET Switch Modul ALL4762-INDU SFP(Mini-GBIC), 1000Mbit, WDM(Bidi)/LC, Tx1490nm/Rx1310nm, 9u, 20Km, Industrial -40/+85 Grad, |
| 140675   | ALLNET Switch Module ALL4765 SFP(Mini-GBIC), 1000Mbit  |
| 208404   | ALLNET Switch Modul ALL4765-INDU SFP(Mini-GBIC), 1000Mbit, RJ45(TP), Industrial -40/+85 Grad,                                  |
| 99305    | ALLNET / ALL95100 TP Cat 6 / PoE Surge arrester  |
| 198028   | ALLNET TP Cat 6 Überspannungs-/Blitzschutz Surge Protector A   |
| 140523   | Mean Well power supply - 48V 75W DIN rail, narrow  |
| 140522   | Mean Well power supply - 48V 120W DIN rail, narrow   |
| 131244   | Mean Well power supply - 48V 240W DIN rail   |
| 146994   | Mean Well Power Supply - 48V 480W DIN Rail   |
| 146996   | Mean Well Power Supply - 48V 960W DIN Rail   |
| 140955   | TP(RJ45) POE-Tester, at/af, Endspan/Midspan, standard, Synergy 21,   |

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