

SIMATIC NET CABLING

# Product Data Sheet

**6ES7972-0EM00-0XA0**

Industrial Ethernet connector

|                                                  |                                      |                          |                          |
|--------------------------------------------------|--------------------------------------|--------------------------|--------------------------|
| FUNCTION<br><b>Industrial Ethernet connector</b> | FAMILY<br><b>SIMATIC NET cabling</b> | ORIGIN<br><b>Germany</b> | WEIGHT<br><b>0.52 kg</b> |
|--------------------------------------------------|--------------------------------------|--------------------------|--------------------------|

Siemens Simatic S7 6ES7972-0EM00-0XA0 is a Industrial Ethernet connector for the SIMATIC NET cabling. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                                            |                                     |
|--------------------------------------------|-------------------------------------|
| 5 V Dc                                     | No                                  |
| 24 V Dc                                    | Yes                                 |
| Current Consumption                        | 180 mA                              |
| Inrush Current                             | 17000 mA                            |
| Power Consumption, Typ.                    | 4320 mW                             |
| Type of Interface                          | Ethernet                            |
| Physics                                    | IEEE 802.3 100 Mbit/s               |
| Interference Immunity To Magnetic Fields A | 100 A/m                             |
| Interference Emission Acc. To En 55022, Cl | No ; Complies with EN55011 Classe A |
| Min.                                       | 0 °C                                |

## ADDITIONAL PRODUCT DATA

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|                                |              |
|--------------------------------|--------------|
| Max.                           | 60 °C        |
| Permissible Temperature Change | 3 °C/h       |
| Operation, Min.                | 5 %          |
| Operation, Max.                | 95 %         |
| Status                         | Jun 23, 2012 |

## OFFICIAL APPLICATIONS

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- Crushing and Grinding Plants: Mineral Processing Systems
- Boiler and Turbine Control Stations: Generation Control Systems
- Reactor and Separation Units: Process Control Systems

## SYSTEM COMPATIBILITY

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Match 6ES7972-0EM00-0XA0 to the installed SIMATIC NET cabling, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

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[Siemens official product documentation](#)

Local manufacturer PDF: 6ES7972-0EM00-0XA0.pdf

AMIKON PRODUCT SUPPORT

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