# SIEMENS

**Data sheet**                                                                    **7KM9300-0AE02-0AA0**



expansion module switched Ethernet PROFINET V3, plug-in, for7KM PAC32x0 / 4200 / 3VA COM100/ 800

| Model | |
|---|---|
| product brand name | SENTRON |
| product designation | Switched Ethernet PROFINET expansion module |
| type of voltage supply | via PAC 3200 / PAC3220 / PAC4200 / COM100 / 800 |
| **General technical data** | |
| type of update time at the PROFINET IO device with IRT | 500 µs, 1 ms, 2 ms, 4 ms for IRT |
| design of the interface according to PROFINET | 2 ports (switch) |
| type of transfer rate for plug type RJ45 | PROFINET with 100 Mbps |
| MTBF | 196.31 a |
| galvanic isolation | Maximum insulation voltage: 500V AC |
| reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750 | P |
| software version with STEP 7 in the TIA Portal required | ≥ STEP 7 V16 |
| GSD version/revision with PROFINET required | GSDML V2.3 |
| number of interfaces according to PROFINET | 2 |
| interface design 1 integrated switch | Yes |
| ● protocol at the 1st interface media redundancy protocol | PROFINET MRP |
| ● PROFINET IO device | Yes |
| transmission mode for Industrial Ethernet | PROFINET with 100 Mbps |
| product function at the Ethernet interface Autonegotiation | Yes |
| product function at the Ethernet interface Autocrossover | Yes |
| open IE communication | Yes |
| IRT | Yes |
| transfer rate for plug type RJ45 100 Mbit/s | Yes |
| service as PROFINET IO device supports PROFIenergy | Yes |
| protocol at the 1st interface media redundancy protocol | Yes |
| product function of the PROFINET IO controller is supported PROFINET system redundancy | Yes |
| for open IE communication | |
| ● TCP/IP | Yes |
| ● SNMP | Yes |
| ● LLDP | Yes |
| degree of pollution | 2 according to IEC 61131 |
| **Protection class** | |
| protection class IP | IP20 |
| combustibility class according to UL 94 | V 0 |
| suitability for use | 7KM PAC 3200 / PAC 3220 / PAC 4200 / 3VA COM100 / 800 |
| ● reactive power meter | No |
| **Connections** | |
| type of electrical connection | 2 x RJ45 socket |

## Mechanical Design

| | |
|---|---|
| height | 63 mm |
| width | 43 mm |
| depth | 22 mm |
| fastening method | pluggable |

## Environmental conditions

| | |
|---|---|
| ambient temperature during operation | |
| ● minimum | -25 °C |
| ● maximum | 55 °C |
| ambient temperature during storage | |
| ● minimum | -25 °C |
| ● maximum | 70 °C |

## Certificates

| | |
|---|---|
| reference code according to EN 61346-2 | P |

| General Product Approval | | EMC | Declaration of Conformity |
|---|---|---|---|
| [Confirmation](#) | [KC](#) | | |

EAC   RCM   CE EG-Konf.   UKCA

| other | | | Environment |
|---|---|---|---|
| [Miscellaneous](#) | [Confirmation](#) | [PROFINET-Certification](#) | [Environmental Confirmations](#) |

## Further information

**Siemens has decided to exit the Russian market (see here).**
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
**Siemens is working on the renewal of the current EAC certificates.**
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
**Information on the packaging**
https://support.industry.siemens.com/cs/ww/en/view/109813875
**Information- and Downloadcenter (Catalogs, Brochures,…)**
http://www.siemens.com/lowvoltage/catalogs
**Industry Mall (Online ordering system)**
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7KM9300-0AE02-0AA0
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/7KM9300-0AE02-0AA0
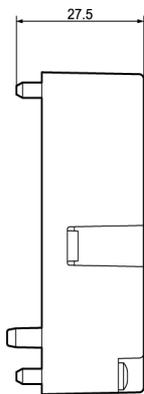**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KM9300-0AE02-0AA0
**CAx-Online-Generator**
http://www.siemens.com/cax
**Tender specifications**
http://www.siemens.com/specifications

29.5

43

27.5

63
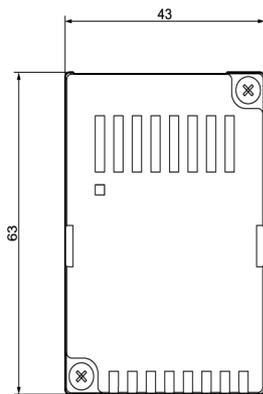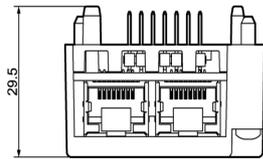
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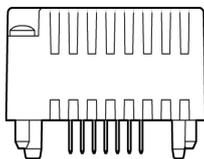
mm
27,5 = 27.5

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