SIEMENS

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

Siemens EcoTech




expansion module Switched Ethernet PROFINET V3, plug-in, for 7KM PAC3220 / 4220 / 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 |
| **supply voltage 1 at DC** | |
| ● minimum rated value | 28.8 V |
| ● maximum rated value | 19.2 V |


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| Protection class | |
|---|---|
| protection class IP | IP20 |
| combustibility class according to UL 94 | V 0 |
| suitability for use | 7KM PAC 3220 / PAC 4200 / PAC 4220 / 3VA COM100 / 800 |
| suitability for use reactive power meter | No |
| **Connections** | |
| type of electrical connection | 2 x RJ45 socket |
| **Mechanical Design** | |
| height | 90 mm |
| width | 18 mm |
| depth | 73 mm |
| fastening method | pluggable |
| Net Weight | 38 g |
| **Environmental conditions** | |
| ambient temperature during operation | |
| ● minimum | -25 °C |
| ● maximum | 55 °C |
| ambient temperature during storage | |
| ● minimum | -25 °C |
| ● maximum | 70 °C |
| **Approvals Certificates** | |
| Environmental Product Declaration | |
| ● global warming potential [CO2 eq] / during manufacturing | 8.48 kg |
| ● global warming potential [CO2 eq] / during sales | 0.0159 kg |
| ● global warming potential [CO2 eq] / during operation | 0 kg |
| ● global warming potential [CO2 eq] / after end of life | -0.602 kg |
| ● global warming potential [CO2 eq] / total | 7.89 kg |

| Environment | | General Product Approval | |
|---|---|---|---|
| Environmental Con-firmations | Environmental Con-firmations | | |

| General Product Approval | | | | EMV | other |
|---|---|---|---|---|---|
| | Confirmation | | | | Confirmation |

| other | Industrial Communication |
|---|---|
| | PROFINET |

**Further information**

**Information on the packaging**
https://support.industry.siemens.com/cs/ww/en/view/109813875
**Information for data generation and storage**
https://support.industry.siemens.com/cs/ww/en/view/109995012
**Information- and Downloadcenter (Catalogs, Brochures,…)**
https://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, ...)**
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KM9300-0AE02-0AA0
**CAx-Online-Generator**


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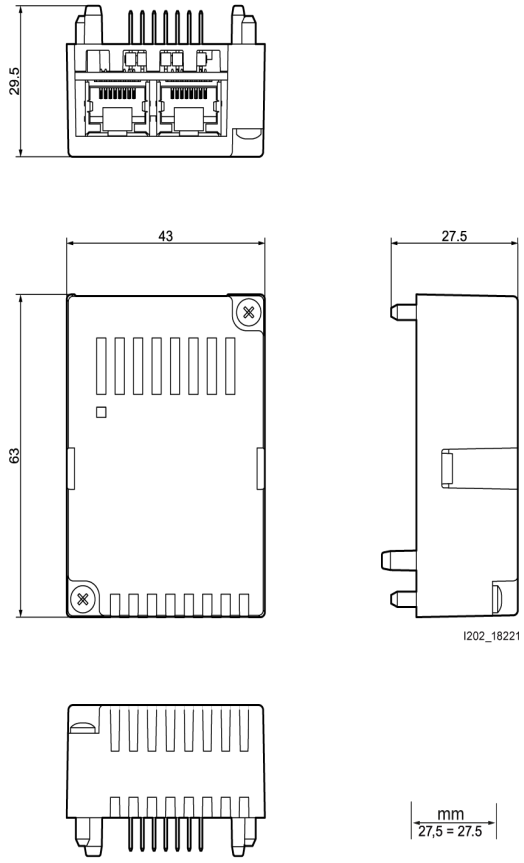
https://www.siemens.com/cax

**Tender specifications**

https://www.siemens.com/specifications

**Kennlinien**

https://curves.simaris.siemens.com/curves/7KM9300-0AE02-0AA0




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