

expansion module switched Ethernet PROFINET V3, plug-in, for 7KM PAC32x0 / 4200 / 3VA COM100/ 800



Model	
product brand name	SENTRON
product designation	Switched Ethernet PROFINET expansion module
General technical data	
MTBF	196.31 y
galvanic isolation	Maximum insulation voltage: 500V AC
reference code / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750	P
number of interfaces	
• acc. to PROFINET	2
interface design 1 / integrated switch	Yes
• PROFINET IO device	Yes
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	

<ul style="list-style-type: none"> <li>• 100 Mbit/s</li> </ul>	Yes
service / as PROFINET IO device / supports PROFINET energy	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	
<ul style="list-style-type: none"> <li>• TCP/IP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• SNMP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• LLDP</li> </ul>	Yes
degree of pollution	2 according to IEC 61131

Protection class	
protection class IP	IP20
combustibility class acc. to UL 94	V 0

Communication	
protocol / is supported	PROFINET IO / Modbus TCP
transfer rate	
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	100 000 kbit/s

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	
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	-25 °C
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	55 °C
ambient temperature / during storage	
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	-25 °C
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	70 °C

Certificates	
certificate of suitability	
<ul style="list-style-type: none"> <li>• as EC Declaration of Conformity</li> </ul>	IEC 61010-1: 2001 (2nd Ed.) with Corr. 1, EN 61010-1: 2001 (2nd Ed.) and DIN EN 61010-1:2002 with "Berichtigung 1"
<ul style="list-style-type: none"> <li>• as approval for USA</li> </ul>	IEC 61010-1: 2001 (2nd Ed.) with corr. 1, EN 61010-1: 2001 (2nd Ed.) and EN 61010-1: 2002 with "Correction 1"
reference code	
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> </ul>	P

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>other</b>
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[KC](#)



EG-Konf.

[Manufacturer Declaration](#)

[PROFINET-Certification](#)

[Miscellaneous](#)

## Further information

### 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](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>



