



expansion module 4DI / 2DO, plug-in, for 7KM PAC3220/4200

Model	
product brand name	SETRON
product designation	Expansion module 4DI / 2DQ
type of voltage supply	via PAC 3220 / PAC 4200
General technical data	
MTBF	141.1 y
galvanic isolation	Maximum insulation voltage: 500V AC
reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750	P
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 3220 / PAC 4200
<ul style="list-style-type: none"> <li>reactive power meter</li> </ul>	No
input voltage / at digital input / at DC / maximum	30 V
input current / at digital input	
<ul style="list-style-type: none"> <li>initial value for signal&lt;1&gt;-recognition</li> </ul>	2.5 mA
<ul style="list-style-type: none"> <li>full-scale value for signal&lt;0&gt; recognition</li> </ul>	0.5 mA
<ul style="list-style-type: none"> <li>for signal &lt;1&gt; / minimum</li> </ul>	2.5 mA
operating conditions for digital inputs / external voltage supply	Yes
load resistance / at digital input	
<ul style="list-style-type: none"> <li>initial value for signal&lt;0&gt;-recognition</li> </ul>	10 000 Ω
<ul style="list-style-type: none"> <li>full-scale value for signal&lt;1&gt; recognition</li> </ul>	1 000 Ω
type of switching output	solid state
output current	
<ul style="list-style-type: none"> <li>at digital output / with signal &lt;0&gt; / maximum</li> </ul>	0.2 mA
<ul style="list-style-type: none"> <li>at digital output / for signal &lt;1&gt; / minimum</li> </ul>	50 mA
<ul style="list-style-type: none"> <li>at digital output / for signal &lt;1&gt; / maximum</li> </ul>	130 mA
<ul style="list-style-type: none"> <li>at the digital outputs / at DC / limited to 100 ms / maximum</li> </ul>	130 mA
<ul style="list-style-type: none"> <li>at the digital outputs / at DC / maximum</li> </ul>	50 mA
internal resistance / at the digital outputs	55 Ω
Connections	
type of electrical connection	screw-type terminals
Mechanical Design	
height	63 mm
width	43 mm
depth	22 mm

fastening method	pluggable		
<b>Environmental conditions</b>			
ambient temperature / during operation			
• minimum	-5 °C		
• maximum	55 °C		
ambient temperature / during storage			
• minimum	-25 °C		
• maximum	70 °C		
<b>Certificates</b>			
reference code / according to EN 61346-2	P		
<b>General Product Approval</b>	<b>EMC</b>	<b>Declaration of Conformity</b>	

[Confirmation](#)

[KC](#)



EG-Konf.

**other**

[Miscellaneous](#)

[Confirmation](#)

#### 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=7KM9200-0AB00-0AA0>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/7KM9200-0AB00-0AA0>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

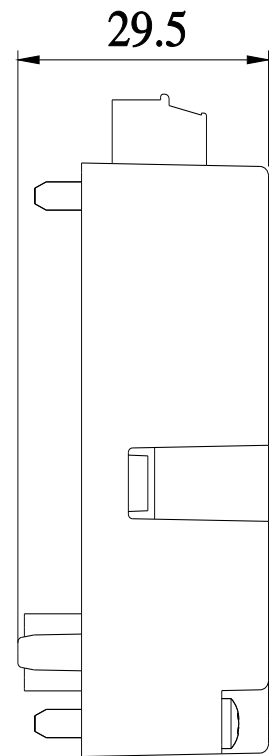
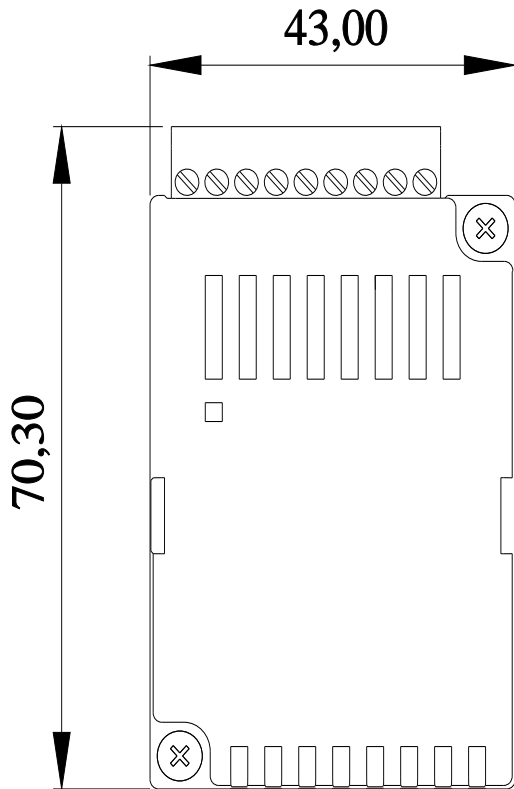
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=7KM9200-0AB00-0AA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KM9200-0AB00-0AA0)

**CAX-Online-Generator**

<http://www.siemens.com/cax>

**Tender specifications**

<http://www.siemens.com/specifications>



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