

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

Model	
product brand name	SENTRON
product designation	Expansion module 4DI / 2DQ
type of voltage supply	via PAC 3220 / PAC 4200
General technical data	
MTBF	141.1 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
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 / PAC 4220
• reactive power meter	No
input voltage at digital input at DC maximum	30 V
input current at digital input	
• initial value for signal<1>-recognition	2.5 mA
• full-scale value for signal<0> recognition	0.5 mA
• for signal <1> minimum	2.5 mA
operating conditions for digital inputs external voltage supply	Yes
load resistance at digital input	
• initial value for signal<0>-recognition	10 000 Ω
• full-scale value for signal<1> recognition	1 000 Ω
type of switching output	solid state
output current	
• at digital output with signal <0> maximum	0.2 mA
• at digital output for signal <1> minimum	50 mA
• at digital output for signal <1> maximum	130 mA
• at the digital outputs at DC limited to 100 ms maximum	130 mA
• at the digital outputs at DC maximum	50 mA
internal resistance at the digital outputs	55 Ω
Connections	
type of electrical connection	screw terminal
Mechanical Design	
height	63 mm
width	43 mm
depth	22 mm
fastening method	pluggable
Environmental conditions	
ambient temperature during operation	
• minimum	-5 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	70 °C
Environmental footprint	
Global Warming Potential [CO2 eq] total	1.53 kg
Global Warming Potential [CO2 eq] during manufacturing	1.56 kg
Global Warming Potential [CO2 eq] during operation	0 kg
Global Warming Potential [CO2 eq] after end of life	-0.045 kg

Approvals Certificates

General Product Approval



[Confirmation](#)



[KC](#)



EMV	other	Environment
	Miscellaneous	Confirmation
		
		Environmental Con- firmations
		Environmental Con- firmations

Further information

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=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

CAX-Online-Generator

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

Tender specifications

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

last modified:

10/23/2024 