SIEMENS

Data sheet 7KM9200-0AB00-0AA0

Siemens EcoTech

expansion module 4DI / 2DO, plug-in, for 7KM PAC3220/ 4220



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
supply voltage 1 at DC	
● minimum rated value	28.8 V
● maximum rated value	19.2 V
Protection class	
protection class IP	IP20
combustibility class according to UL 94	V 0
suitability for use	7KM PAC 3220 / PAC 4200 / PAC 4220
suitability for use 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

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Connections	
type of electrical connection	screw terminal
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	-5 °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	1.56 kg
● global warming potential [CO2 eq] / during sales	0.0149 kg
● global warming potential [CO2 eq] / during operation	0 kg
● global warming potential [CO2 eq] / after end of life	-0.0446 kg
● global warming potential [CO2 eq] / total	1.53 kg

Environment

Environmental Confirmations

Environmental Confirmations

General Product Approval

General Product Approval

Confirmation

EMV

other

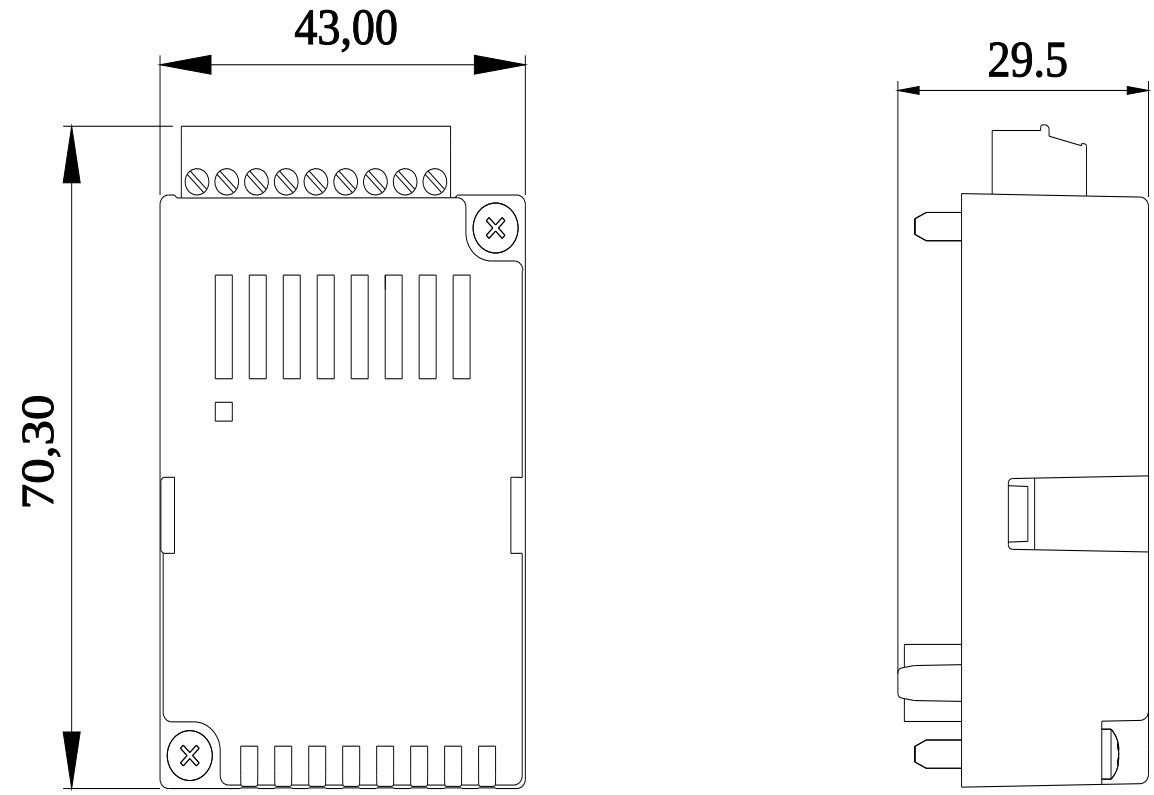
Confirmation

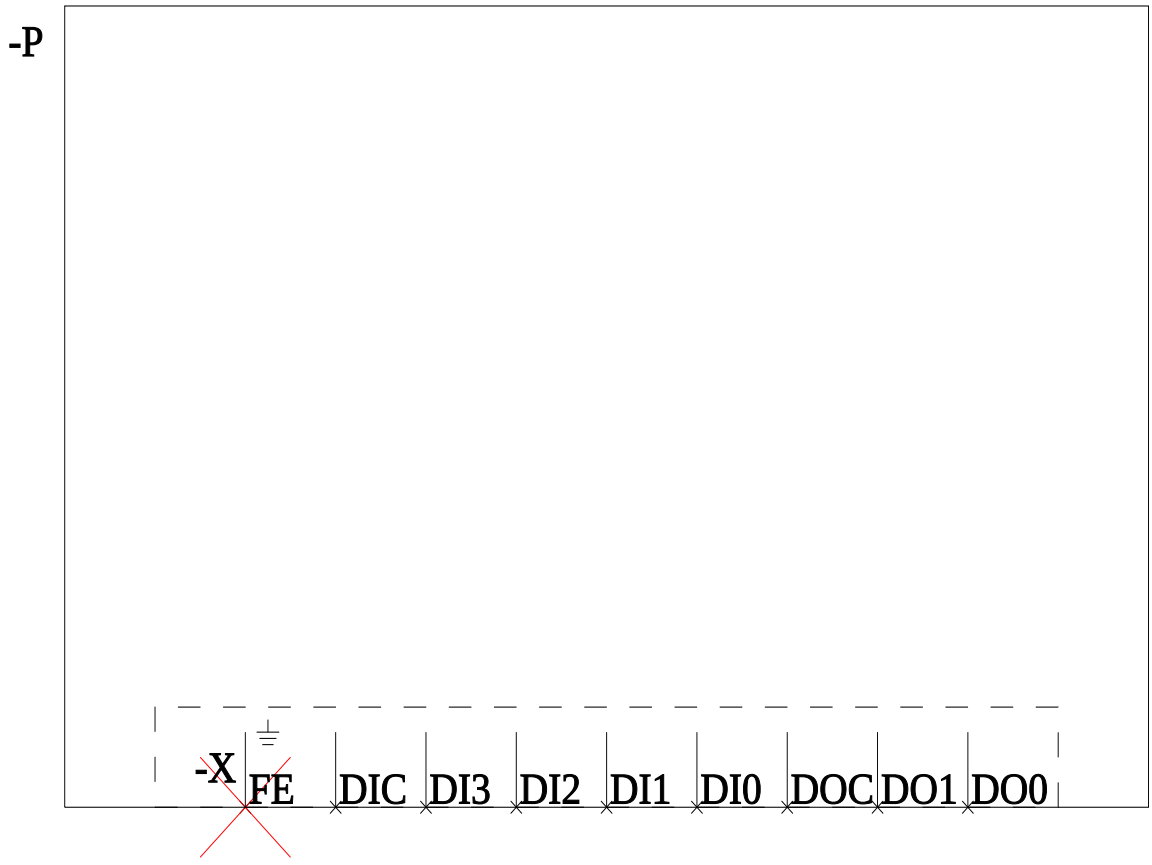
other

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=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, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KM9200-0AB00-0AA0
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/7KM9200-0AB00-0AA0

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