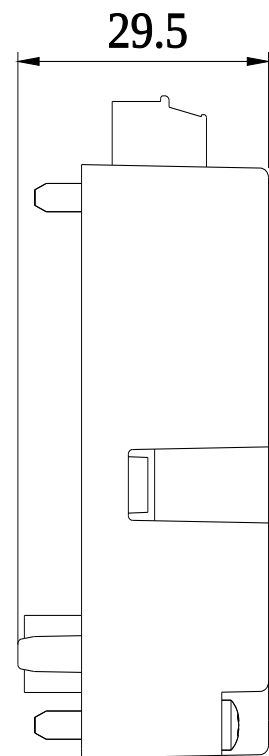
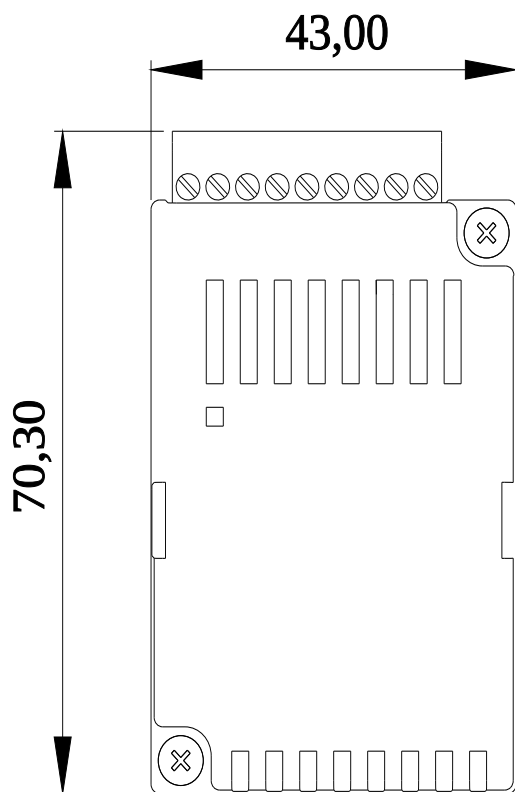




expansion module 4DI / 2DO, plug-in, for 7KM PAC3220/ 4220

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 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

Connections		
type of electrical connection	screw terminal	
Mechanical Design		
height	90 mm	
width	18 mm	
depth	73 mm	
fastening method	pluggable	
Net Weight	65 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 • global warming potential [CO2 eq] / during sales • global warming potential [CO2 eq] / during operation • global warming potential [CO2 eq] / after end of life • global warming potential [CO2 eq] / total	1.56 kg 0.0149 kg 0 kg -0.0446 kg 1.53 kg	
Environment		General Product Approval
Environmental Con- firmations	Environmental Con- firmations	Siemens EcoTech   
General Product Ap- proval	EMV	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 Characteristic curves <a href='https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>'>https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>		



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