

expansion module 4DI / 2DQ, plug-in, for 7KM PAC4200



Model	
product brand name	SETRON
Product designation	Expansion module 4DI / 2DQ
General technical data	
MTBF	141.1 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
Degree of pollution	2 according to IEC 61131
Protection class	
Protection class IP	IP20
Combustibility class acc. to UL 94	V 0
Input voltage / at digital input / at DC / maximum	30 V
Type of switching output	solid state
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

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
Operating conditions for digital inputs / external voltage supply	Yes
Internal resistance / at the digital outputs	55 Ω
Load resistance / at digital input	
• initial value for signal<0>-recognition	10 000 Ω
• Full-scale value for signal<1> recognition	1 000 Ω

Connections

type of electrical connection	screw-type terminals
-------------------------------	----------------------

Mechanical Design

Height	63 mm
Width	43 mm
Depth	22 mm
Mounting type	pluggable

Environmental conditions

Ambient temperature / during operation	
• minimum	-5 °C
• maximum	55 °C
Ambient temperature / during storage	
• minimum	-25 °C
• maximum	70 °C

Certificates

• Certificate of suitability / as EC declaration of conformity	IEC 61010-1: 2001 (2nd Ed.) with Corr. 1, EN 61010-1: 2001 (2nd Ed.) and DIN EN 61010-1:2002 with "Berichtigung 1"
• Certificate of suitability / as approval for USA	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 / acc. to DIN EN 61346-2	P
• Reference code / acc. to DIN EN 81346-2	P

Declaration of Conformity	other
----------------------------------	--------------



[Confirmation](#)

[Manufacturer Declaration](#)

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

CAX-Online-Generator

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

Tender specifications

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



