



AS-INTERFACE MODULE 4I/4O,
PNP FOR PRINTED CIRCUIT BOARD WITH SOLDER PINS

General technical data:

Design of the product		AS-Interface communication modules - special integrated solutions
Design of the slave type		standard slave
Type		4 inputs / 4 outputs
I/O configuration		7
ID/ID2 code		0/F
Design of the electrical connection / of the inputs and outputs		solder pins
AS interface / total current input / max	mA	25
Total current / for all inputs and outputs	mA	200
Approvals		UL, CSA, shipbuilding
Protocol / is supported / AS interface protocol		Yes
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 • according to DIN EN 61346-2		A
		K

Sensor supply:

Type of voltage supply / for the sensor supply		via AUX POWER
Input voltage	V	26.5 ... 31.6
Characteristic feature of the sensor supply / short-circuit and overload resistant		Yes

Inputs:		
Number of digital inputs		4
Input circuit		PNP
Type of / input voltages		DC
Inputs / sensor supply		using Uaux
Input current / at the digital input / for signal <1> / minimum	mA	3
Inputs / switching voltage	V	20 ... 30

Outputs:		
Number of digital outputs		4
Voltage type / of output voltages		DC
Output voltage / at 24 V / for DC	V	22.5 ... 24
Outputs / external power supply 24 V DC		using solder pins
Output current / at the digital output / for signal <1> / nominal value	mA	45
Design of the switching output		solid state
Characteristic feature of the output / short-circuit protected		Yes
Outputs • load voltage • short-circuit protection		19 V 30 V built-in

Status display:		
display		none

Assignment of data bits		
• D0		IN1/OUT1
• D1		IN2/OUT2
• D2		IN3/OUT3
• D3		IN4/OUT4

Ambient conditions:		
Protection class IP		IP00
Ambient temperature • during operating • during storage	°C °C	-25 ... +70 -40 ... +80

Mechanical design:		
Width	mm	73
Height	mm	9
Depth	mm	37.8

Certificates/approvals:		
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General Product Approval



Shipping Approval



other

[Confirmation](#)

[Declaration of
Conformity](#)

[Environmental
Confirmations](#)

Weitere Informationen

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

CAX-Online-Generator

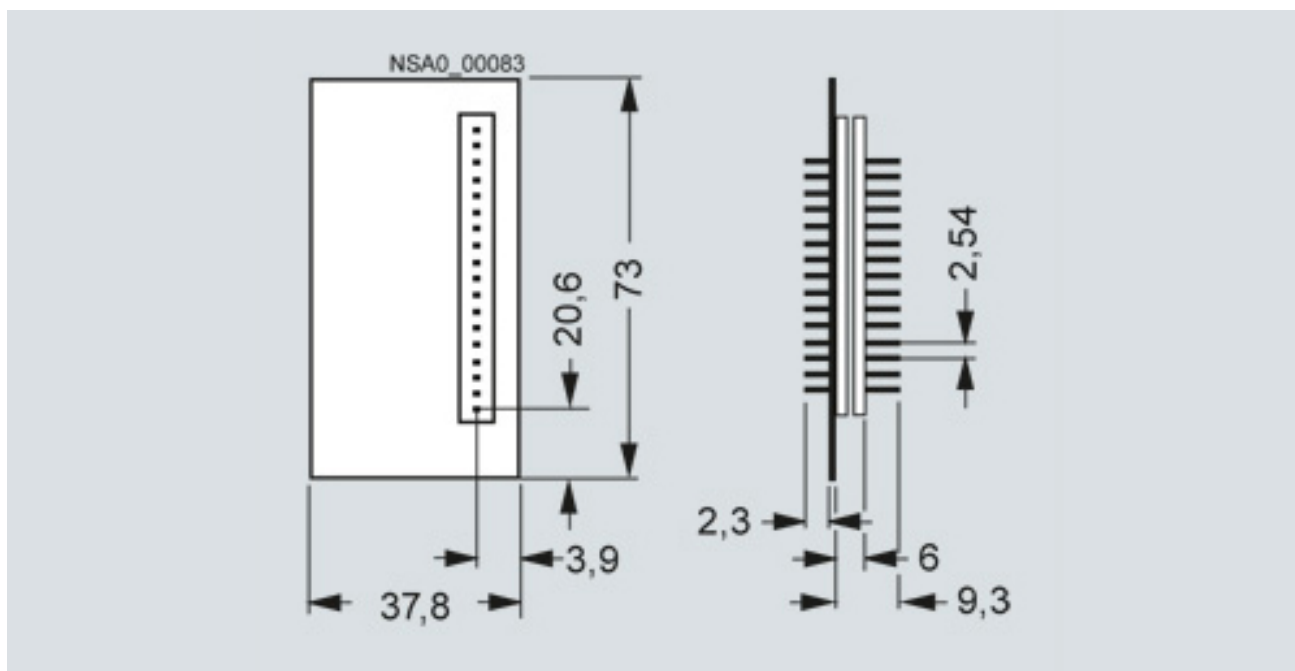
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RG9005-0SA00/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RG9005-0SA00



last change:

Jul 21, 2014