



AS-INTERFACE MODULE, 4I/4O, WITH SOLDER-PIN CONNECTION, 4 X 1 INPUT, PNP 4 X OUTPUTS 45MA, 24V DC SUPPLY F. THE INPUTS A. OUTPUTS YELLOW AS-I CABLE

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
Type of electrical connection of the inputs and outputs		solder pins
AS interface total current input max	mA	270
Total current for all inputs and outputs	mA	200
Approvals		UL, CSA, shipbuilding
Protocol is supported AS-interface protocol		Yes
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		A
Equipment marking acc. to DIN EN 61346-2		K

Sensor supply:

Type of voltage supply for power supply		using AS-Interface
Input voltage	V	26.5 ... 31.6
Property of the sensor supply Short-circuit and overload resistant		Yes

Inputs:

Number of digital inputs		4
Input circuit		PNP
Type of voltage of the input voltages		DC

Inputs sensor supply		using AS-Interface
Input current at digital input for signal <1> minimum	mA	3
Inputs switching voltage	V	20 ... 30

Outputs:

Number of digital outputs		4
Type of voltage of output voltages		DC
Output voltage for DC at 24 V	V	22.5 ... 24
Outputs external power supply 24 V DC		using solder pins
Output current at digital output for signal <1> Rated value	mA	45
Type of switching output		solid state
Property of the output Short-circuit proof		Yes
Outputs • short-circuit protection		built-in

Display:

display		none
Assignment of data bits • D0 • D1 • D2 • D3		IN1/OUT1 IN2/OUT2 IN3/OUT3 IN4/OUT4

Ambient conditions:

Protection class IP		IP20 enclosure connecting pins IP00
Ambient temperature • during operation • during storage	°C °C	-25 ... +70 -40 ... +80

Mechanical data:

Width	mm	75
Height	mm	20
Depth	mm	40

Certificates/ approvals:

General Product Approval			Declaration of Conformity	Test Certificates	Shipping Approval
				Special Test Certificate	
CSA	UL		EG-Konf.		ABS

Shipping Approval					other
					Confirmation
BUREAU VERITAS	LRS	PRS	RINA	RMRS	

other	
Environmental Confirmations	other

Further information

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

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

Industry Mall (Online ordering system)

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

Cax online generator

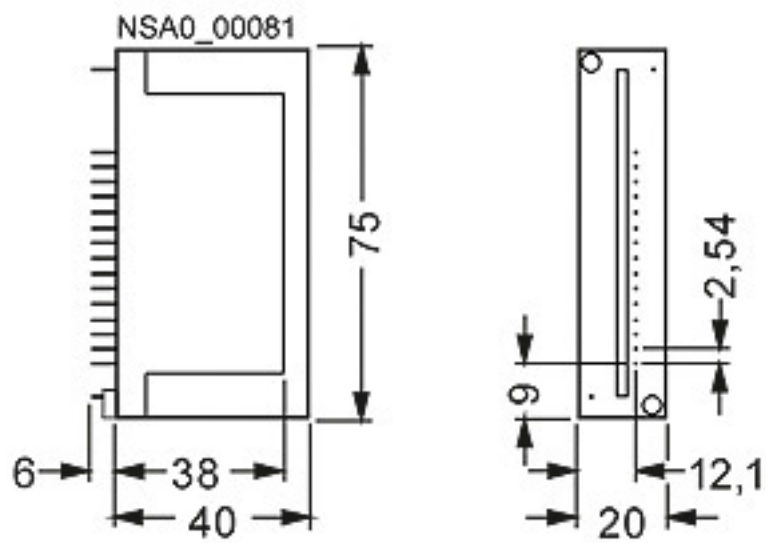
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK14000CD000AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK14000CD000AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK14000CD000AA3&lang=en



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