

4I/4O MODULE FOR 3-WIRE BEROS,
24V/1A OUTPUTS,
AS PRINTED BOARD WITH EDGE CONNECTOR

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		male connector socket
AS interface / total current input / max	mA	270
Total current / for all inputs and outputs	mA	200
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		using AS-Interface
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 AS-Interface
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 printed-circuit board contacts

Output current / at the digital output / for signal <1> / nominal value	A	0.7
Design of the switching output		solid state
Characteristic feature of the output / short-circuit protected		Yes
Outputs • load voltage • short-circuit protection • induction protection		Uaux - 0.8 V built-in installed (freewheel diode)

Status display:		
display		AS-i: Green Fault: Red Inputs/outputs: Yellow L24+:Green
LED status display		AS-i: On, Fault: Off, Status: OK AS-i: On, Fault: On, Status: No data traffic AS-i: Flashes, Fault: On, Status: Zero address AS-i: On, Fault: Flashes, Status: Overload (sensor)

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 ... +85

Mechanical design:		
Width	mm	75
Height	mm	9
Depth	mm	54
Mounting type		using a "Card Edge Board-to-Board-Connector"

Certificates/approvals:		
-------------------------	--	--

General Product Approval



Test Certificates

[Special Test Certificate](#)

Shipping Approval



other

[Confirmation](#)

[Declaration of Conformity](#)

[other](#)

[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

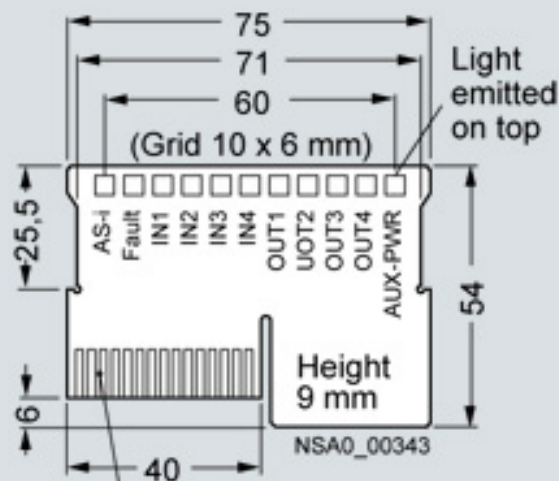
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK1400-1CD00-0AA2/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1400-1CD00-0AA2



Connector (gold-plated) for edge-socket connector e. g. from AMP 1-0100317-5 (30-pole)

last change:

Jul 21, 2014