

AS-I MODULE, IP00, A/B SLAVE, DIGITAL,
4DI/3DO,
4 X INPUT FOR SENSOR (MECHAN., 2 COND., 3 COND.),
PNP,
SENSOR POWER SUPPLY FROM U_ASI TOTAL MAX.
200mA;
3 X OUTPUT 1A,
OUTPUT POWER SUPPLY FROM 24VDC CIRCUIT
BOARDS WITHOUT HOUSING,
CONNECTION VIA CIRCUIT BOARD DIRECT
CONNECTOR FOR MALE CONNECTOR SOCKET,
30-POLE

General technical data:

Design of the product		AS-Interface communication modules - special integrated solutions
Design of the slave type		A/B slave
Type		4 inputs / 3 outputs
I/O configuration		7
ID/ID2 code		I/O
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		A
• according to DIN EN 61346-2		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		3
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		19 V 30 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 • D1 • D2 • D3		IN1/OUT1 IN2/OUT2 IN3/OUT3 IN4

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



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/3RK2400-1FD00-0AA2/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK2400-1FD00-0AA2

last change:

Jul 21, 2014