



AS-INTERFACE FLAT MOD., 4I/4O, WITH SCREW CONNECTION, 4 X 1 INPUT, PNP 4 X OUTPUTS, 24V DC SUPPLY FOR THE OUTPUTS VIA AS-I CABLE

General technical data:

Design of the product		flat module
Design of the slave type		standard slave
Protocol is supported AS-interface protocol		Yes
Type		4 inputs / 4 outputs
I/O configuration		7
ID/ID2 code		F/F
AS interface total current input max	mA	270
operating voltage according to AS-Interface specification	V	26.5 ... 31.6
Total current for all inputs and outputs	mA	200
Addressing		using integrated addressing socket
Type of electrical connection of the inputs and outputs		screw-type terminals
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	20 ... 30
Property of the sensor supply Short-circuit and overload resistant		Yes

Inputs:

Number of digital inputs		4
Type of connection		2- and 3-wire technology

Input circuit		PNP transistor
Type of voltage of the input voltages		DC
Inputs switching level High min	V	10
Input current at digital input		
• for signal <1> minimum	mA	5
• with signal <0> maximum	mA	1.5
Inputs sensor supply using AS-Interface		short-circuit and overload resistant

Outputs:

Number of digital outputs		4
Type of voltage of output voltages		DC
Type of switching output		solid state
Property of the output Short-circuit proof		Yes
Outputs		
• short-circuit protection		built-in
• induction protection		built-in
• external power supply 24 V DC		not required (supply of all inputs and outputs using AS-Interface cable)
• watchdog		built-in
Status display display of AS-Interface/diagnostics		green/red dual LED
Assignment of data bits		
• D0		IN1/OUT1
• D1		IN2/OUT2
• D2		IN3/OUT3
• D3		IN4/OUT4

Ambient conditions:

Ambient temperature		
• during operation	°C	-25 ... +85
• during storage	°C	-40 ... +85
Protection class IP		IP20

Mechanical data:

Width	mm	18.5
Height	mm	81.5
Depth	mm	79.8
Mounting type		integrated lugs for screw fixing

Certificates/ approvals:

AS-Interface certificate		yes
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General Product Approval				Test Certificates	Shipping Approval
 CSA	 GOST	 UL		Special Test Certificate	 ABS

Shipping Approval					other
 BUREAU VERITAS	 LRS	 PRS	 RINA	 RMRS	Declaration of Conformity

other		
Confirmation	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

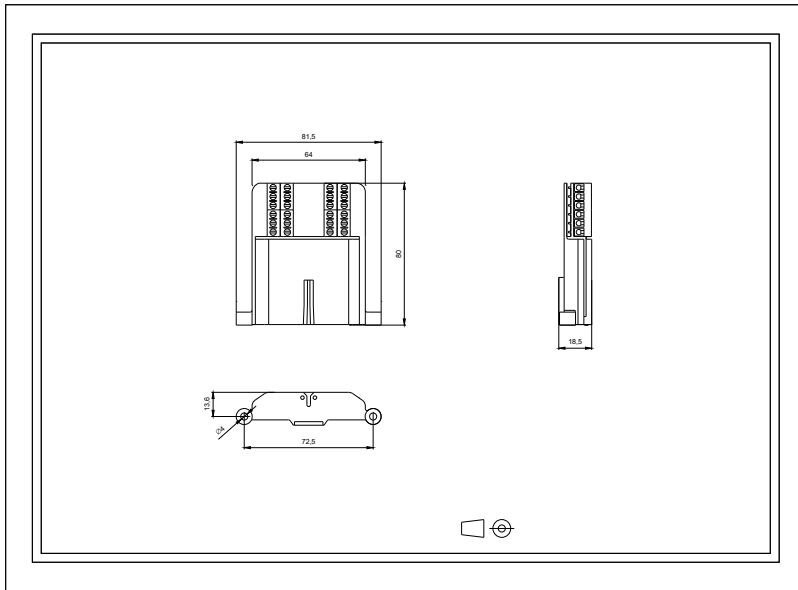
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK14000CE000AA3>

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

<http://support.automation.siemens.com/WW/view/en/3RK14000CE000AA3/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK14000CE000AA3&lang=en>



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