



AS-i flat module, digital 4 DI/4 DQ, IP20 4 x inputs for 3-wire sensor
4 x output, 24 V DC Output supply via U_ASI Screw terminals

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
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750		A
reference code according to EN 61346-2		K

Sensor supply

type of voltage supply for sensor 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 technology		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 • D1 • D2 • D3		IN1/OUT1 IN2/OUT2 IN3/OUT3 IN4/OUT4
Ambient conditions		
ambient temperature • during operation • during storage	°C °C	-25 ... +85 -40 ... +85
protection class IP		IP20
Mechanical data		
width	mm	18.5
height	mm	81.5
depth	mm	79.8
fastening method		integrated lugs for screw fixing
Certificates/ approvals		
General Product Approval		EMV



[Confirmation](#)



Test Certificates	Marine / Shipping	other	Environment	Industrial Communication
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[Special Test Certificate](#)



[Confirmation](#)

[Miscellaneous](#)

[Environmental Confirmations](#)



Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1400-0CE00-0AA3>

Cax online generator

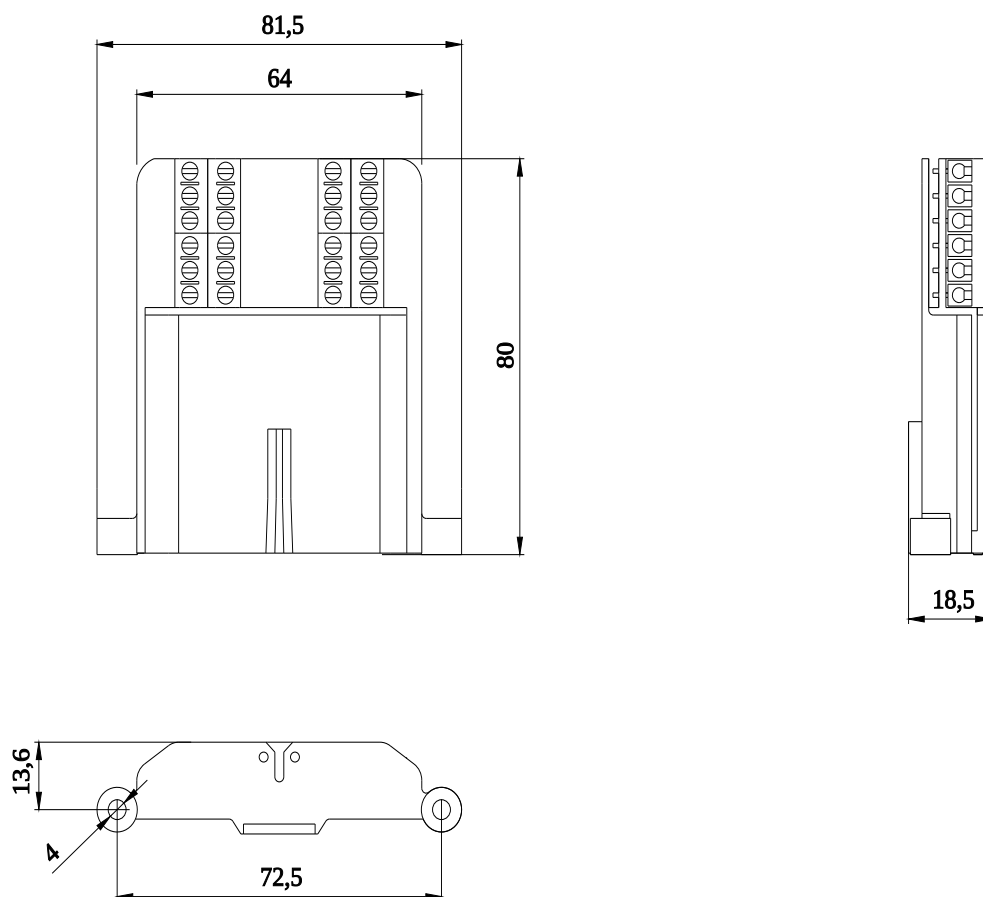
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1400-0CE00-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1400-0CE00-0AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1400-0CE00-0AA3&lang=en



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