



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
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		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
fastening method		integrated lugs for screw fixing

Certificates/ approvals

General Product Approval	EMV	Test Certificates
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[Special Test Certificate](#)

Maritime application	other	Environment	Industrial Communication
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[Confirmation](#)



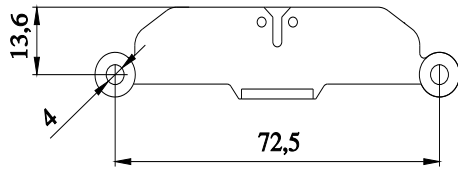
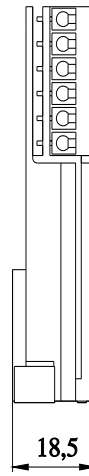
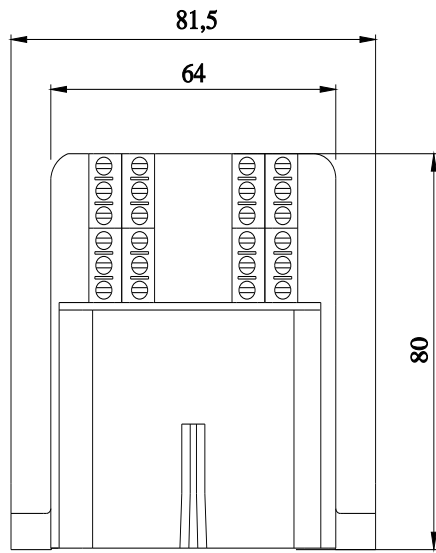
[Miscellaneous](#)

[Environmental Confirmations](#)



Further information

- Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
- Information for data generation and storage
<https://support.industry.siemens.com/cs/ww/en/view/109995012>
- 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
<https://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, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1400-0CE00-0AA3&lang=en



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