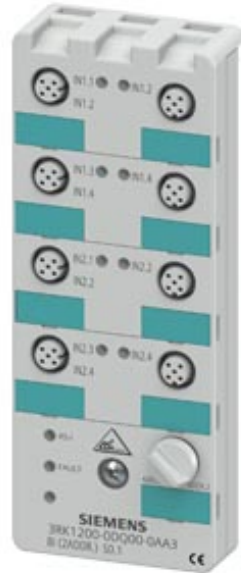


AS-i compact module K60 digital 8 DI, IP67 8 x inputs, maximum 200 mA 8 x M12 socket Y-II assignment Mounting plate 3RK1901-0CA00 must be ordered separately



General technical data	
Design of the product	digital I/O modules for operation in the field, IP67 - K60
Type	8 inputs
Design of the slave type	standard slave
I/O configuration	0
ID/ID2 code	1/F
Number I/O sockets	8
Type of electrical connection of the inputs and outputs	M12 screw-type terminals
AS interface total current input max	270 mA
operating voltage according to AS-Interface specification	26.5 ... 31.6 V
Ground terminal	PIN5 of each M12 socket is connected to the grounding wrist strap in the mounting plate using a pin
Addressing	front addressing socket
Delivery note	the modules are delivered without mounting plate
note	module requires two addresses
Sensor supply	
Type of voltage supply for power supply	using AS-Interface

<b>Input voltage</b>	20 ... 30 V
<b>Property of the sensor supply Short-circuit and overload resistant</b>	Yes
<b>Ampacity of the sensor supply for all inputs</b>	200 mA
<ul style="list-style-type: none"> <li>at ambient temperature 40 °C</li> </ul>	

### Inputs

<b>Number of digital inputs</b>	8	
<b>Type of connection</b>	2- and 3-wire technology	
<b>Input circuit</b>	PNP transistor	
<b>Type of voltage of the input voltages</b>	DC	
<b>Inputs switching level High min</b>	10 V	
<b>Input current at digital input</b>	6 mA 1.5 mA	
<ul style="list-style-type: none"> <li>for signal &lt;1&gt; minimum</li> <li>with signal &lt;0&gt; maximum</li> </ul>		
<b>Inputs</b>	short-circuit and overload resistant	
<ul style="list-style-type: none"> <li>sensor supply using AS-Interface</li> <li>socket assignment <ul style="list-style-type: none"> <li>— PIN 1</li> <li>— PIN 2</li> <li>— PIN 3</li> <li>— PIN 4</li> <li>— PIN 5</li> </ul> </li> </ul>		
		sensor supply L+
		data input II
		sensor supply L-
	data input I	
	ground terminal	
<b>Design of the pin assignment of the inputs</b>	Y-II assignment	

### Outputs

<b>Number of digital outputs</b>	0
<b>Outputs external power supply 24 V DC</b>	not required
<b>Design of the pin assignment of the outputs</b>	Y-II assignment
<b>Outputs</b>	not required
<ul style="list-style-type: none"> <li>watchdog</li> </ul>	

### Assignment of the data bits

<b>Assignment of data bits</b>	PIN 4 = IN1 (D0) (addr. 1), PIN 2 = IN2 (D1) (addr. 1) PIN 4 = IN2 (D1) (addr. 1) PIN 4 = IN3 (D2) (addr. 1), PIN 2 = IN4 (D3) (addr.1) PIN 4 = IN4 (D3) (addr. 1) PIN 4 = IN1 (D0) (addr. 2), PIN 2 = IN2 (D1) (addr. 2) PIN4 = IN2 (D1) (addr. 2) PIN4 = IN3 (D2) (addr. 2), PIN2 = IN4 (D3) (addr. 2) PIN4 = IN4 (D3) (addr. 2)
<ul style="list-style-type: none"> <li>socket</li> </ul>	
<ul style="list-style-type: none"> <li>socket 2</li> </ul>	
<ul style="list-style-type: none"> <li>socket 3</li> </ul>	
<ul style="list-style-type: none"> <li>socket 4</li> </ul>	
<ul style="list-style-type: none"> <li>socket 5</li> </ul>	
<ul style="list-style-type: none"> <li>socket 6</li> </ul>	
<ul style="list-style-type: none"> <li>socket 7</li> <li>socket 8</li> </ul>	

### Ambient conditions

<b>Ambient temperature</b>	
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- during operation -25 ... +85 °C
- during storage -40 ... +85 °C

Protection class IP IP67

### Display

#### Status display

- display of I/Os yellow LED
- display of Uaux not required
- display of AS-Interface/diagnostics green/red LED

### Mechanical data

Width	60 mm
Height	152 mm
Depth	29 mm
Mounting type	standard rail mounting/wall mounting using mounting plate for K60 compact module

### Certificates/ approvals

#### General Product Approval



[Miscellaneous](#)

#### Shipping Approval



#### other



ASi

[Confirmation](#)

[Miscellaneous](#)

### Further information

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

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

#### Industry Mall (Online ordering system)

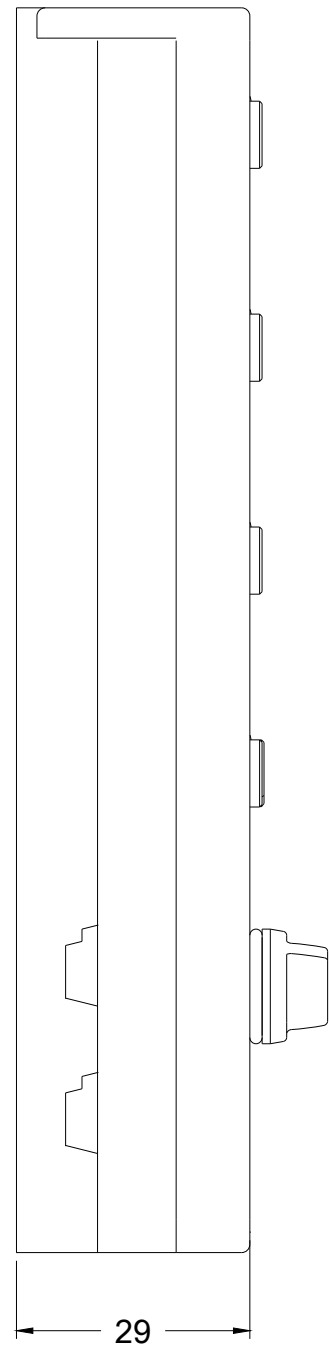
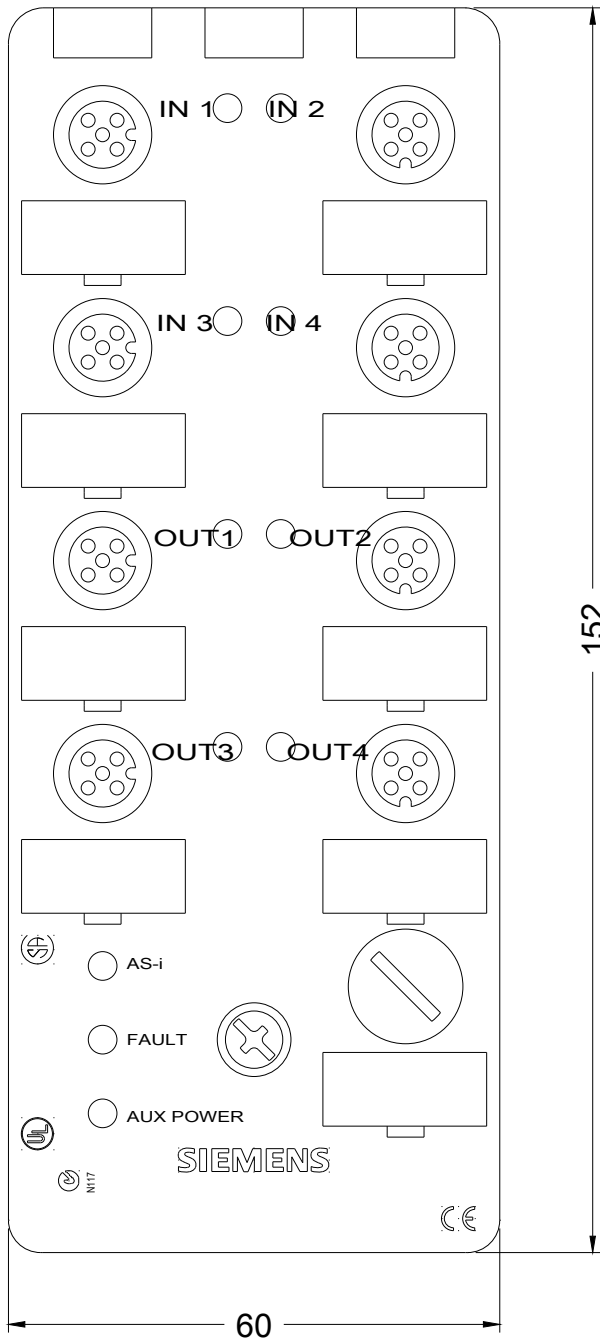
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1200-0DQ00-0AA3>

#### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1200-0DQ00-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1200-0DQ00-0AA3>



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09/24/2020