

AS-INTERFACE COMP. MODULE K60, A/B SLAVE, DIGITAL, 8E, IP 67, 8 X 1 INPUT 8 X M12 SOCK. W. Y-II ASSIGNM. MOUNTING PLATE 3RK1901-0CA00 OR ORDER 3RK1901-0CB01 SEPARATELY

General technical data:

<b>Design of the product</b>		digital I/O modules for operation in the field, IP67 - K60
<b>Type</b>		8 inputs
<b>Design of the slave type</b>		A/B slave
<b>I/O configuration</b>		0
<b>ID/ID2 code</b>		A/E
<b>Number I/O sockets</b>		8
<b>Type of electrical connection of the inputs and outputs</b>		M12 screw-type terminals
<b>AS interface total current input max</b>	mA	270
operating voltage according to AS-Interface specification	V	26.5 ... 31.6
<b>Ground terminal</b>		PIN5 of each M12 socket is connected to the grounding wrist strap in the mounting plate using a pin
<b>Addressing</b>		front addressing socket
<b>Delivery note</b>		the modules are delivered without mounting plate
<b>note</b>		module requires two addresses
<b>Note 1</b>		All K60 compact modules are delivered with stainless steel screws/sockets

Sensor supply:

<b>Type of voltage supply for power supply</b>		using AS-Interface
<b>Input voltage</b>	V	20 ... 30
<b>Property of the sensor supply Short-circuit and overload resistant</b>		Yes

Ampacity of the sensor supply for all inputs			
<ul style="list-style-type: none"> <li>at ambient temperature 40 °C</li> </ul>	mA	200	
<b>Inputs:</b>			
Number of digital inputs		8	
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			
<ul style="list-style-type: none"> <li>for signal &lt;1&gt; minimum</li> </ul>	mA	6	
<ul style="list-style-type: none"> <li>with signal &lt;0&gt; maximum</li> </ul>	mA	1.5	
<b>Inputs</b>			
<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>		short-circuit and overload resistant	
		sensor supply L+	
		data input II	
		sensor supply L-	
		data input I	
		ground terminal	
Design of the pin assignment of the inputs		Y-II assignement	
<b>Outputs:</b>			
Number of digital outputs		0	
Outputs external power supply 24 V DC		not required	
<b>Outputs</b>			
<ul style="list-style-type: none"> <li>watchdog</li> </ul>		not required	
<b>Assignment of the data bits:</b>			
<b>Assignment of data bits</b>			
<ul style="list-style-type: none"> <li>socket</li> <li>socket 2</li> <li>socket 3</li> <li>socket 4</li> <li>socket 5</li> <li>socket 6</li> <li>socket 7</li> <li>socket 8</li> </ul>		PIN 4 = IN1 (D0) (addr. 1), PIN 2 = IN2 (D1) (addr. 1) PIN 4 = IN2 (D1) (addr. 1) PIN 4 = IN3 (D2) , PIN 2 = IN4 (D3) 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)	
<b>Ambient conditions:</b>			
<b>Ambient temperature</b>			
<ul style="list-style-type: none"> <li>during operation</li> </ul>	°C	-25 ... +85	
<ul style="list-style-type: none"> <li>during storage</li> </ul>	°C	-40 ... +85	
Protection class IP		IP67	

## Display:

<b>Status display</b>		
• display of I/Os		yellow LED
• display of Uaux		not required
• display of AS-Interface/diagnostics		green/red LED

## Mechanical data:

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

## Certificates/ approvals:

<b>AS-Interface certificate</b>		yes (or requested for in case of new units)
<b>Approvals</b>		UL, CSA, shipbuilding (or requested for in case of new units)

### General Product Approval

### Shipping Approval



### Shipping Approval

### other



[Declaration of Conformity](#)

[Confirmation](#)

### other

[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**

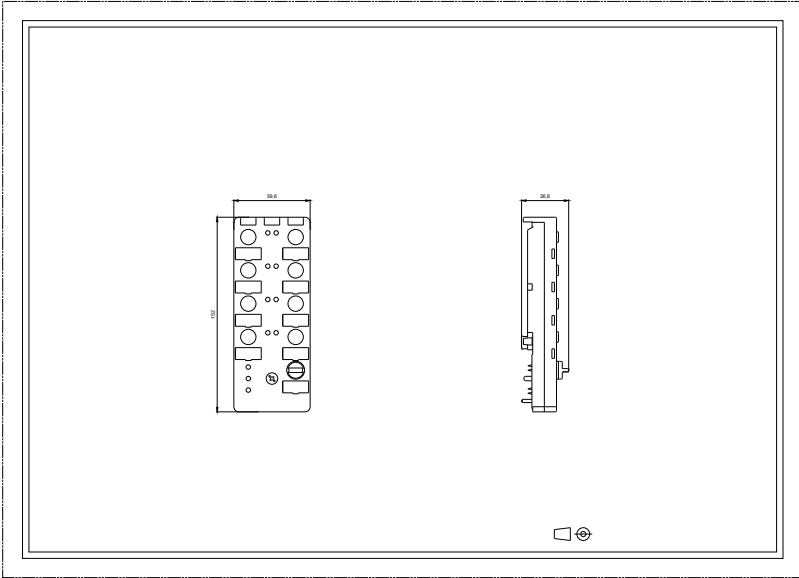
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK22000DQ000AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK22000DQ000AA3>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK22000DQ000AA3&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK22000DQ000AA3&lang=en)



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