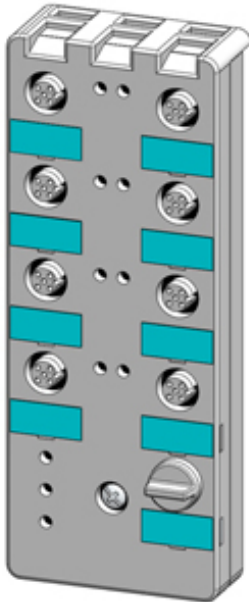


AS-INTERFACE COMP. MODULE K60, A/B SLAVE, DIGITAL, 8E, IP 67, 8 X 1 INPUT 8 X M12 SOCK. W. Y-II ASSIGNM. MOUNTING PLATE 3RK1901-0CA00 OR ORDER 3RK1901-0CB01 SEPARATELY



General technical data	
Design of the product	digital I/O modules for operation in the field, IP67 - K60
Type	8 inputs
Design of the slave type	A/B slave
I/O configuration	0
ID/ID2 code	A/E
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
Note 1	All K60 compact modules are delivered with stainless steel screws/sockets

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

Inputs	
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	10 V
Input current at digital input <ul style="list-style-type: none"> <li>for signal &lt;1&gt; minimum</li> <li>with signal &lt;0&gt; maximum</li> </ul>	6 mA 1.5 mA
Inputs <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

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

Assignment of the data bits	
Assignment of data bits <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)

### Ambient conditions

<b>Ambient temperature</b>	
• during operation	-25 ... +85 °C
• during storage	-40 ... +85 °C
<b>Protection class IP</b>	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>	60 mm
<b>Height</b>	152 mm
<b>Depth</b>	29 mm
<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)

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>Shipping Approval</b>
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<b>Shipping Approval</b>	<b>other</b>
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[Confirmation](#)

[Environmental Confirmations](#)

### other

[Miscellaneous](#)

### Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK2200-0DQ00-0AA3>

**Cax online generator**

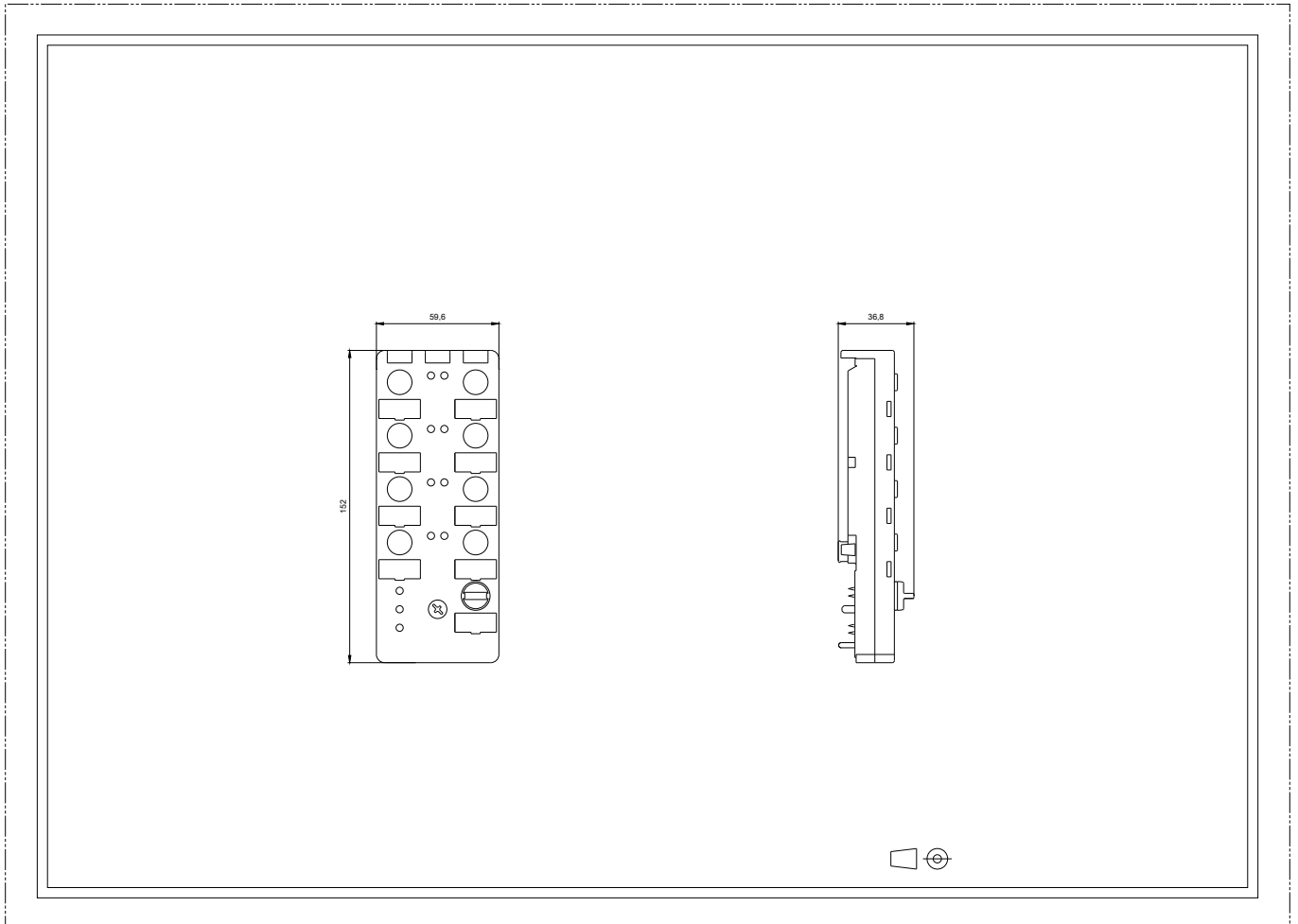
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0DQ00-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0DQ00-0AA3>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK2200-0DQ00-0AA3&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0DQ00-0AA3&lang=en)



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