



AS-INTERFACE COMPACT MOD. K60, DIGITAL, 4I, IP67 4 X 1 INPUT, 200MA MAX., PNP 2 X M12 STANDARD SOCKET 2 X M12 SOCKET W. Y-II-ASSIGNM. FOR INPUT CONNECTIONS MOUNTING PLATE 3RK19010CA00 TO TO BE ORDERED SEPARATELY

General technical data:

<b>Design of the product</b>		digital I/O modules for operation in the field, IP67 - K60
<b>Type</b>		4 inputs
<b>Design of the slave type</b>		standard slave
<b>I/O configuration</b>		0
<b>ID/ID2 code</b>		1/F
<b>Number I/O sockets</b>		4
<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 spezifikation	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 1</b>		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	V	20 ... 30
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>	mA	200

### Inputs:

Number of digital inputs		4
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> <li>with signal &lt;0&gt; maximum</li> </ul>	mA mA	6 1.5
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 assignment

### Outputs:

Number of digital outputs		0
Outputs external power supply 24 V DC		not required
Design of the pin assignment of the outputs		Y-II assignment
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), PIN 2 = IN2 (D1) PIN 4 = IN2 (D1) PIN 4 = IN3 (D2) , PIN 2 = IN4 (D3) PIN 4 = IN4 (D3) not assigned (closed) not assigned (closed) not assigned (closed) not assigned (closed)
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### Ambient conditions:

<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
<b>Protection class IP</b>		IP67

### Display:







<b>Status display</b>		
<ul style="list-style-type: none"> <li>display of I/Os</li> </ul>		yellow LED
<ul style="list-style-type: none"> <li>display of Uaux</li> </ul>		not required
<ul style="list-style-type: none"> <li>display of AS-Interface/diagnostics</li> </ul>		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	Declaration of Conformity	Shipping Approval
 CSA  UL  EAC	 CE EG-Konf.	 ABS  BUREAU VERITAS

Shipping Approval	other
 LRS  PRS  RINA  RMRS	<a href="#">Bestätigungen</a> <a href="#">Umweltbestätigung</a>

other
<a href="#">sonstig</a>

### 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**

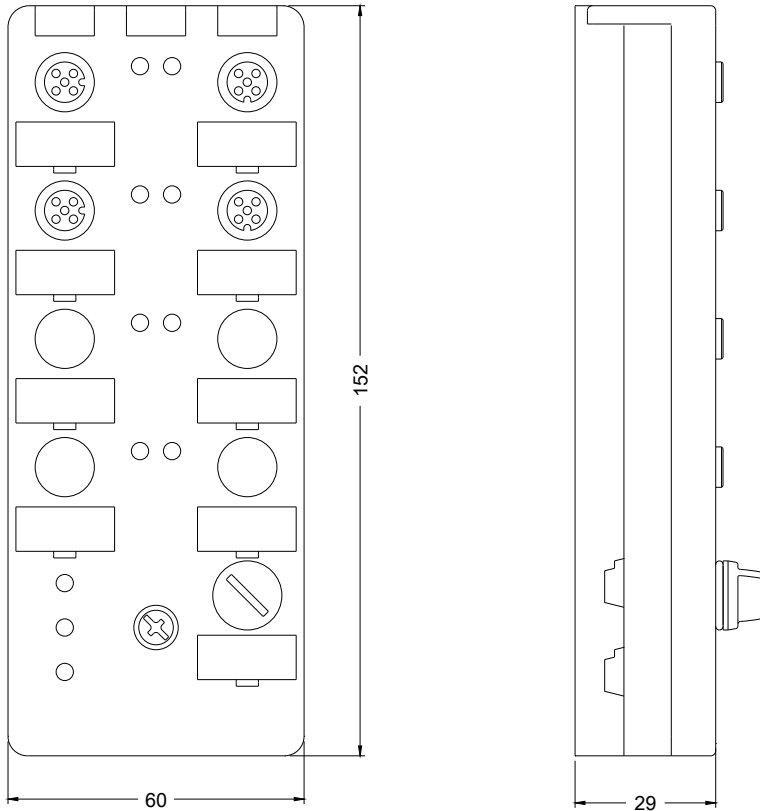
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK12000CQ000AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK12000CQ000AA3>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RK12000CQ000AA3&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RK12000CQ000AA3&lang=en)



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