



AS-I COMPACT MODULE K60, IP67, A/B-SLAVE (SPEC 3.0), DIGITAL, 4DO, PNP, 4 X OUTPUT OUTPUT SUPPLY DC 24V; 4 X M12-SOCKET Y-II-ASSIGNMENT; MOUNTING PLATE 3RK19010CA00 TO BE ORDERED SEPARATELY

Figure similar

General technical data:		
<b>Design of the product</b>		digital I/O modules for operation in the field, IP67 - K60
<b>Type</b>		4 outputs
<b>Design of the slave type</b>		A/B slave (Spec. 3.0)
<b>I/O configuration</b>		7
<b>ID/ID2 code</b>		A/7
<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	45
operating voltage according to AS-Interface specification	V	18 ... 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
<b>Note 2</b>		An external additional supply (AUX POWER) of 20 to 30 V DC is required for the supply of the output circuits. The additional supply must comply with VDE 0106 (PELV), protection class III.
Sensor supply:		
<b>Input voltage</b>	V	16.5 ... 30

Inputs:		
Number of digital inputs		0
Input circuit		PNP transistor
Inputs		
<ul style="list-style-type: none"> <li>• socket assignment</li> <li>— PIN 5</li> </ul>	PIN 5	ground terminal

Outputs:		
Number of digital outputs		4
Type of voltage of output voltages		DC
Outputs external power supply 24 V DC		using black AS-Interface flat cable
Output current at digital output for signal <1> Rated value	A	2
Outputs aggregate current max	A	4
Type of switching output		PNP transistor
Design of the pin assignment of the outputs		Y-II assignement
Outputs socket assignment		3 = "-", 2/4 = output, 5 = ground terminal
Property of the output Short-circuit proof		Yes
Outputs		
<ul style="list-style-type: none"> <li>• short-circuit protection</li> <li>• induction protection</li> <li>• watchdog</li> </ul>		built-in built-in built-in

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>		not assigned (closed) not assigned (closed) not assigned (closed) not assigned (closed) PIN4 = OUT1 (D0), PIN2 = OUT2 (D1) PIN4 = OUT2 (D1) PIN4 = OUT3 (D2), PIN2 = OUT4 (D3) PIN4 = OUT4 (D3)

Ambient conditions:		
Ambient temperature		
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	°C	-25 ... +85
	°C	-40 ... +85
Protection class IP		IP67

Display:		
Status display		
<ul style="list-style-type: none"> <li>• display of I/Os</li> <li>• display of Uaux</li> <li>• display of AS-Interface/diagnostics</li> </ul>		yellow LED green LED green/red LED

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

Certificates/ approvals:		
AS-Interface certificate		requested
Approvals		UL, CSA, shipbuilding requested

General Product Approval	Shipping Approval
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Shipping Approval	other
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<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrymall>

**Cax online generator**

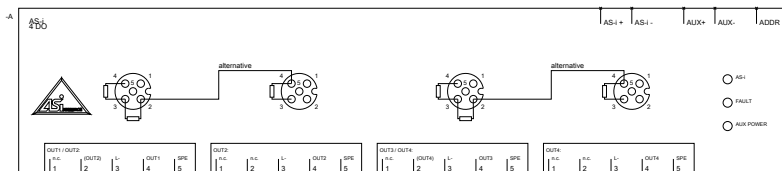
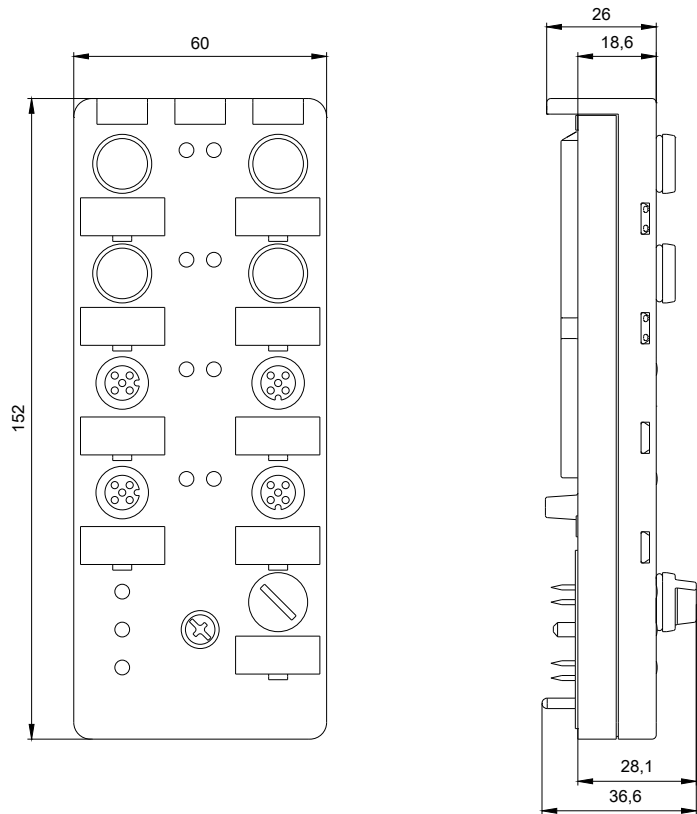
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK21001CQ00AA3>

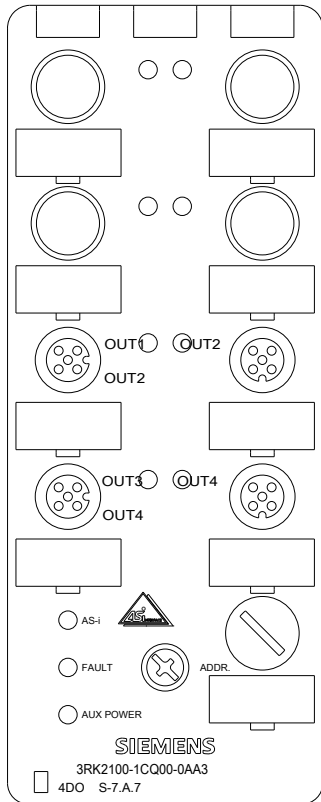
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3RK21001CQ00AA3/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK21001CQ00AA3&lang=en>





**last modified:**

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