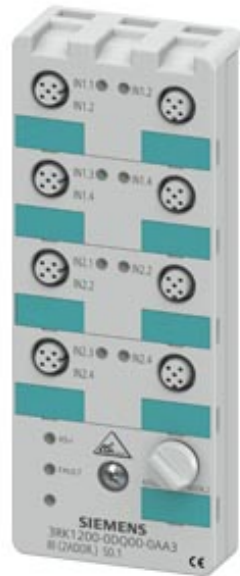


AS-INTERFACE COMPACT MOD. K60, DIGITAL, 8I, IP67 8 X 1 INPUT, 200MA MAX., PNP 4 X M12 STANDARD SOCKET 4 X M12 SOCKET W. Y-II-ASSIGNM. FOR INPUT CONNECTIONS MOUNTING PLATE 3RK19010CA00 TO TO BE ORDERED SEPARATELY



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 spezifikation	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 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) (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)






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)

General Product Approval	Declaration of Conformity	Shipping Approval
 CSA	 UL	 EAC
	 EG-Konf.	 ABS
		 BUREAU VERITAS

Shipping Approval	other
 LRS	 PRS
 RINA	 RMRS
	 ASI
	<a href="#">Environmental Confirmations</a>

other	
<a href="#">Confirmation</a>	<a href="#">Miscellaneous</a>

Further information
<b>Information- and Downloadcenter (Catalogs, Brochures,...)</b> <a href="http://www.siemens.com/industrial-controls/catalogs">http://www.siemens.com/industrial-controls/catalogs</a>

**Industry Mall (Online ordering system)**

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

**Cax online generator**

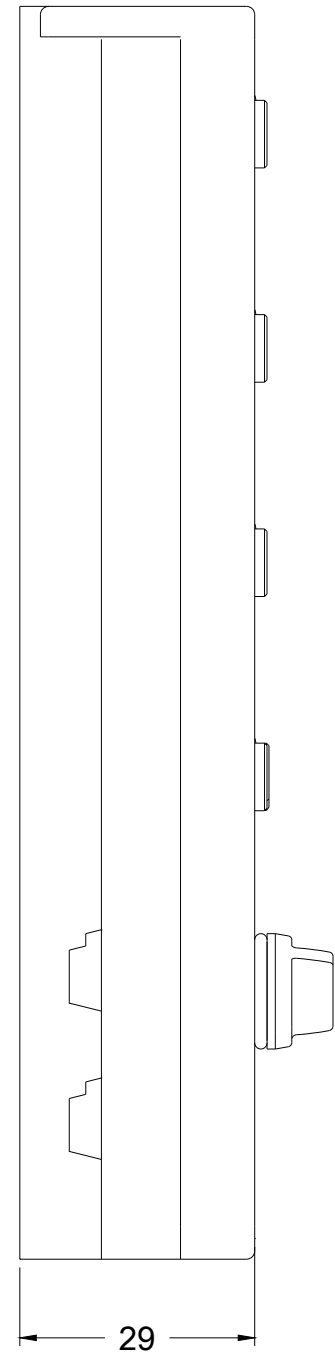
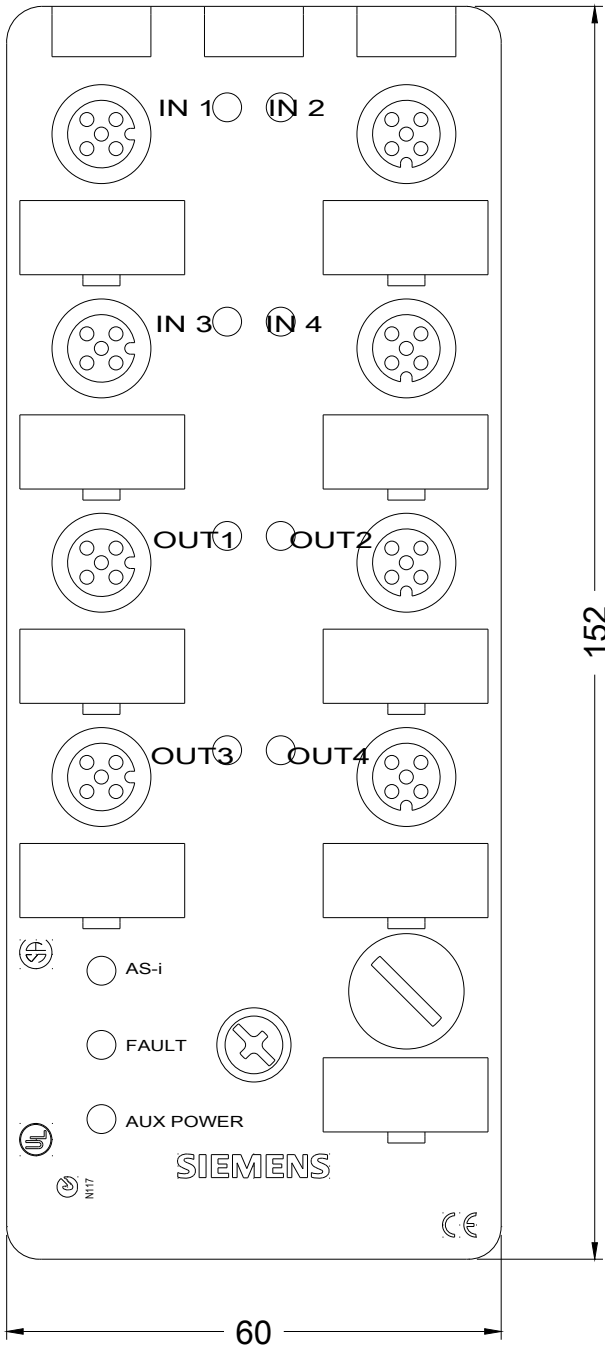
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK1200-0DQ00-0AA3>

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

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

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RK1200-0DQ00-0AA3&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RK1200-0DQ00-0AA3&lang=en)



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