



AS-i compact module K20 digital A/B device, 4 DI, IP67, 4 x input, maximum 200 mA 4 x M8 socket

General technical data	
design of the product	digital I/O modules for operation in the field, IP67 - K20
design of the device type	A/B slave
type of electrical connection of the inputs and outputs	M8 screw-type terminals
Sensor supply	
type of voltage supply for sensor supply	using AS-Interface
input voltage	16.5 ... 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> <li>at ambient temperature 55 °C</li> </ul>	200 mA 150 mA
Inputs	
number of digital inputs	4
type of connection technology	2- and 3-wire technology
type of voltage of the input voltages	DC
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
design of the pin assignment of the inputs	standard assignment
Outputs	
number of digital outputs	0
Ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul>	-25 ... +70 °C -40 ... +85 °C
protection class IP	IP67
Mechanical data	
width	20 mm
height	108 mm
depth	45 mm
fastening method	no mounting plate required
shock resistance	15 g / 11 ms
Certificates/ approvals	
General Product Approval	EMV



Test Certificates	Maritime application	other
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[Special Test Certificate](#)



[Miscellaneous](#)



other	Environment	Industrial Communication
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[Confirmation](#)

[Environmental Confirmations](#)



### Further information

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**Information for data generation and storage**

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK2200-0CT30-0AA3>

**Cax online generator**

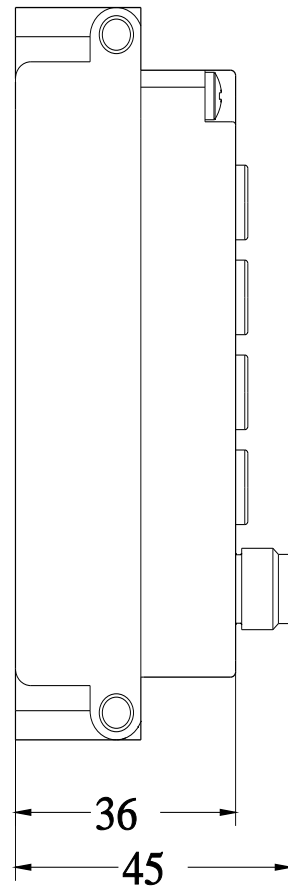
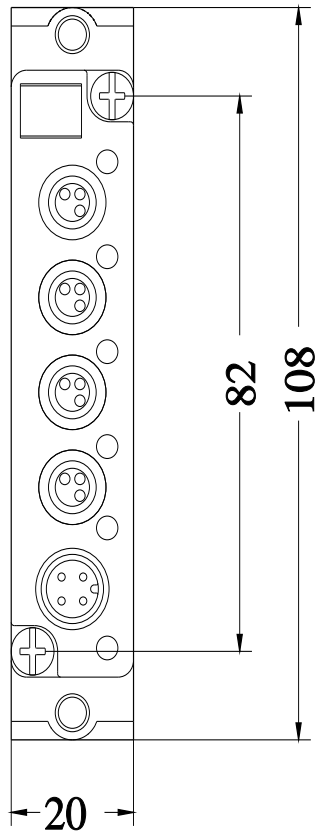
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0CT30-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0CT30-0AA3>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK2200-0CT30-0AA3&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0CT30-0AA3&lang=en)



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