



AS-i compact module K20 digital A/B slave, 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
Type	4 inputs
design of the slave type	A/B slave
I/O configuration	0
ID/ID2 code	A/0
Number I/O sockets	4
type of electrical connection of the inputs and outputs	M8 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	not available
Addressing	using M12 female connector
AS interface Connection Polarity reversal protection	built-in
Sensor supply	
type of voltage supply for power supply	using AS-Interface
input voltage	16.5 ... 30 V
property of the sensor supply short-circuit and overload resistant	Yes
capacity of the sensor supply for all inputs	
• at ambient temperature 40 °C	200 mA
• at ambient temperature 55 °C	150 mA
Inputs	
number of digital inputs	4
type of connection technology	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	
• for signal <1> minimum	6 mA
• with signal <0> maximum	1.5 mA
Inputs sensor supply using AS-Interface	short-circuit and overload resistant
Inputs socket assignment	
• PIN 1	sensor supply L+
• PIN 3	sensor supply L-
• PIN 4	data input
design of the pin assignment of the inputs	standard assignment
Outputs	

number of digital outputs	0	
Display		
Status display • display of I/Os • display of Uaux • display of AS-Interface/diagnostics	yellow LED not required green/red dual LED	
Assignment of the data bits		
Assignment of data bits • socket • socket 2 • socket 3 • socket 4	PIN 4 = IN1 (D0) PIN 4 = IN2 (D1) PIN 4 = IN3 (D2) PIN 4 = IN4 (D3)	
Ambient conditions		
ambient temperature • during operation • during storage	-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	15g / 11 ms	
Certificates/ approvals		
General Product Approval	EMC	Declaration of Conformity



[Miscellaneous](#)



Test Certificates

Shipping Approval

[Special Test Certificate](#)



other



[Confirmation](#)

[Miscellaneous](#)

Further information

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

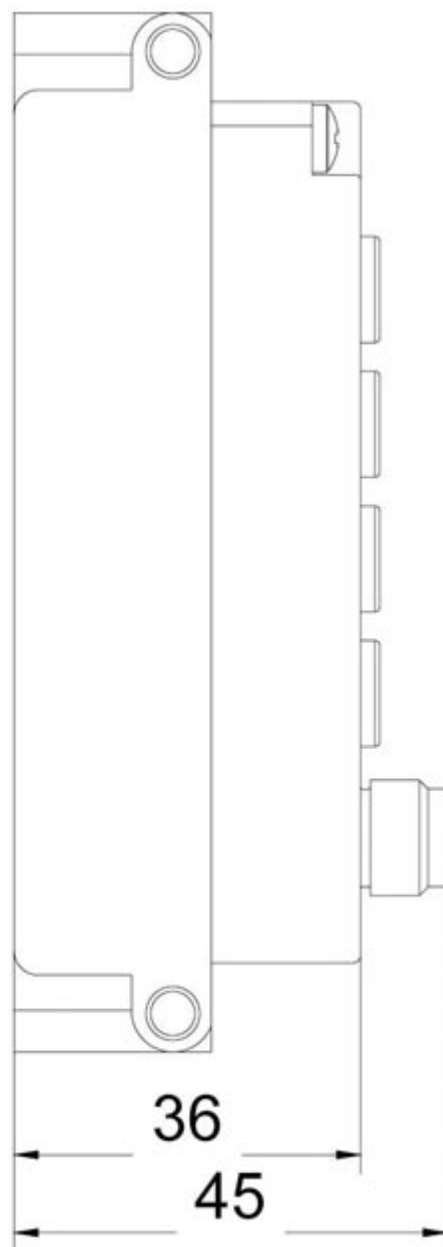
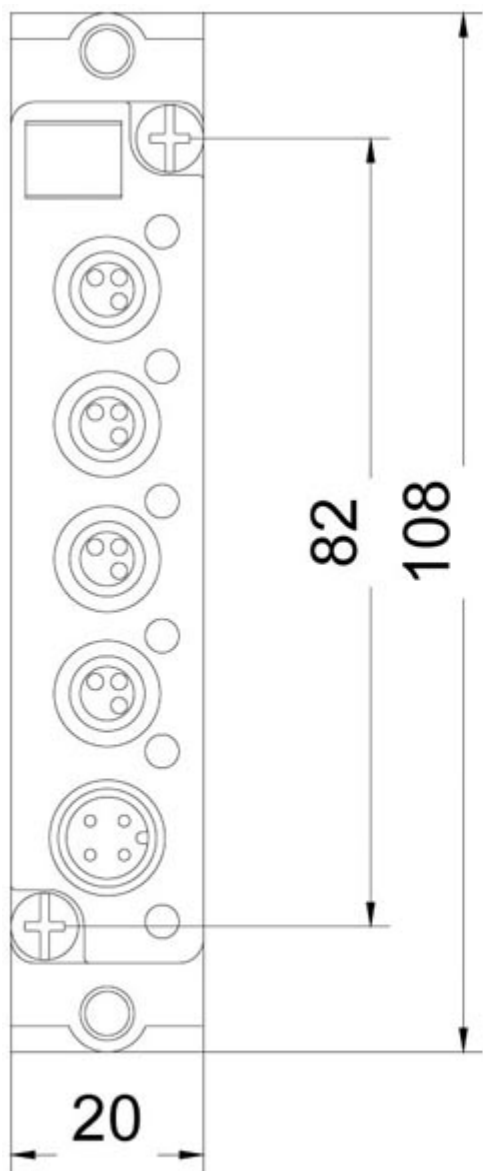
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0CT30-0AA3>

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, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0CT30-0AA3&lang=en



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