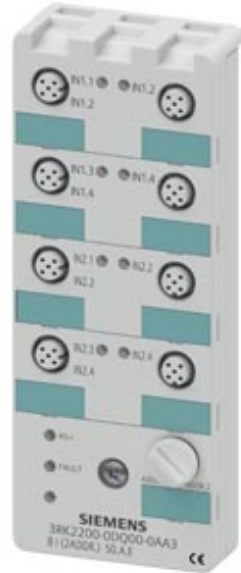


AS-i compact module K60 digital A/B slave, 8 DI, IP67 8 x inputs, maximum 200 mA 8 x M12 socket Y-II assignment Mounting plate 3RK1901-0CA00 must be ordered separately



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	A/B slave
I/O configuration	0
ID/ID2 code	A/E
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 specification	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
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	200 mA
<ul style="list-style-type: none"> at ambient temperature 40 °C 	

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	6 mA 1.5 mA	
<ul style="list-style-type: none"> for signal <1> minimum 		
<ul style="list-style-type: none"> with signal <0> maximum 		
Inputs	short-circuit and overload resistant	
<ul style="list-style-type: none"> sensor supply using AS-Interface 		
<ul style="list-style-type: none"> socket assignment 		
<ul style="list-style-type: none"> — PIN 1 		sensor supply L+
<ul style="list-style-type: none"> — PIN 2 		data input II
<ul style="list-style-type: none"> — PIN 3 		sensor supply L-
<ul style="list-style-type: none"> — PIN 4 	data input I	
<ul style="list-style-type: none"> — PIN 5 	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
Outputs	not required
<ul style="list-style-type: none"> watchdog 	

Assignment of the data bits

Assignment of data bits	PIN 4 = IN1 (D0) (addr. 1), PIN 2 = IN2 (D1) (addr. 1) PIN 4 = IN2 (D1) (addr. 1) PIN 4 = IN3 (D2) , PIN 2 = IN4 (D3) 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)
<ul style="list-style-type: none"> socket 	
<ul style="list-style-type: none"> socket 2 	
<ul style="list-style-type: none"> socket 3 	
<ul style="list-style-type: none"> socket 4 	
<ul style="list-style-type: none"> socket 5 	
<ul style="list-style-type: none"> socket 6 	
<ul style="list-style-type: none"> socket 7 	
<ul style="list-style-type: none"> socket 8 	

Ambient conditions

Ambient temperature	-25 ... +85 °C
<ul style="list-style-type: none"> during operation 	

- during storage

-40 ... +85 °C

Protection class IP

IP67

Display

Status display

- display of I/Os
- display of Uaux
- display of AS-Interface/diagnostics

yellow LED

not required

green/red LED

Mechanical data

Width

60 mm

Height

152 mm

Depth

29 mm

Mounting type

standard rail mounting/wall mounting using mounting plate for K60 compact module

Certificates/ approvals

General Product Approval

EMC

Declaration of Conformity



CSA



UL



RCM



EG-Konf.

[Miscellaneous](#)

Shipping Approval

other



ABS



BUREAU VERITAS



LRS



PRS



RMRS



ASi

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=3RK2200-0DQ00-0AA3>

Cax online generator

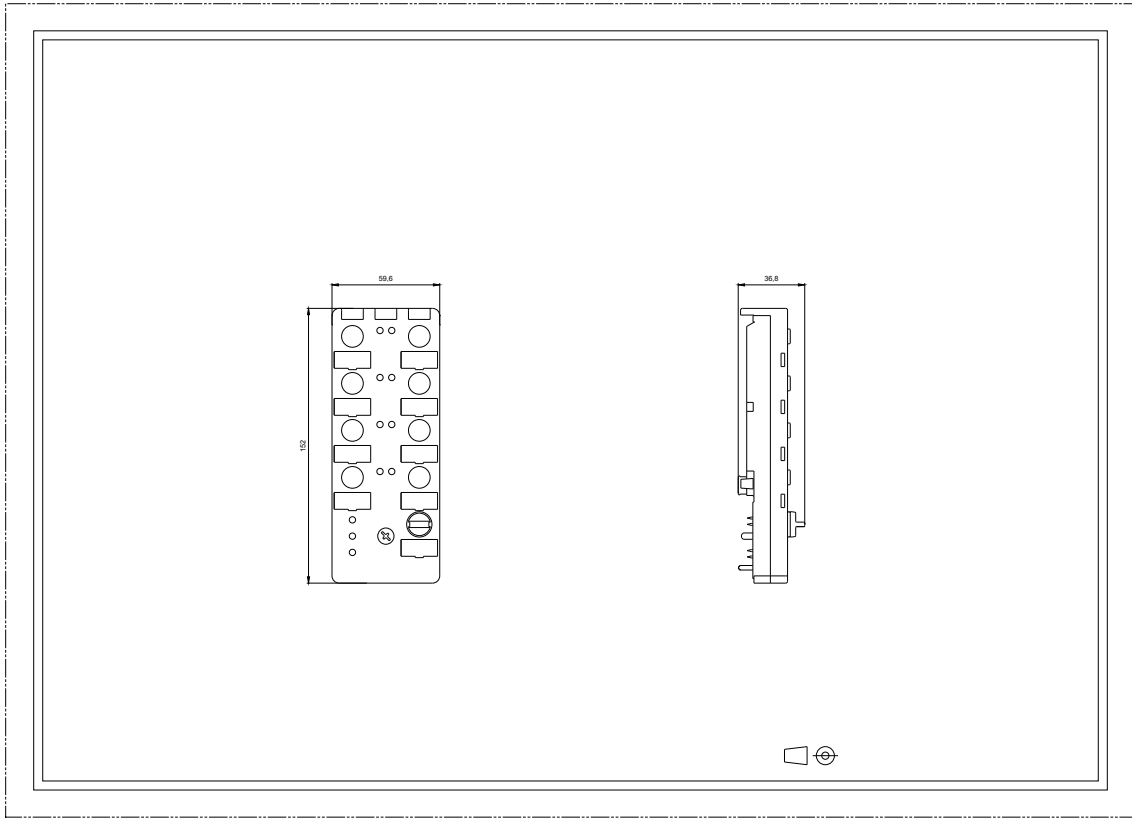
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0DQ00-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0DQ00-0AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0DQ00-0AA3&lang=en



last modified:

09/24/2020