

AS-i compact module K60 digital A/B slave, 4 DI, IP67 4 x input, maximum 200 mA 4 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	4 inputs
Design of the slave type	A/B slave
I/O configuration	0
ID/ID2 code	A/E
Number I/O sockets	4
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	18 ... 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
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
Ampacity of the sensor supply for all inputs	
<ul style="list-style-type: none"> at ambient temperature 40 °C 	200 mA

Inputs

Number of digital inputs	4
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"> for signal <1> minimum with signal <0> maximum 	6 mA 1.5 mA
Inputs	
<ul style="list-style-type: none"> sensor supply using AS-Interface socket assignment <ul style="list-style-type: none"> — PIN 1 — PIN 2 — PIN 3 — PIN 4 — PIN 5 	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
Outputs	
<ul style="list-style-type: none"> watchdog 	not required

Assignment of the data bits

Assignment of data bits	
<ul style="list-style-type: none"> socket socket 2 socket 3 socket 4 socket 5 socket 6 socket 7 socket 8 	PIN 4 = IN1 (D0), PIN 2 = IN2 (D1) PIN 4 = IN2 (D1) PIN 4 = IN3 (D2) , PIN 2 = IN4 (D3) PIN 4 = IN4 (D3) not assigned (closed) not assigned (closed) not assigned (closed) not assigned (closed)

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage 	-25 ... +85 °C -40 ... +85 °C

Protection class IP	IP67
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Display

Status display	
<ul style="list-style-type: none"> display of I/Os display of Uaux display of AS-Interface/diagnostics 	<p>yellow LED</p> <p>not required</p> <p>green/red LED</p>

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

Shipping Approval				other
 ABS	 LRS	 PRS	 RMRS	 ASi

[Confirmation](#)

other

[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=3RK2200-0CQ00-0AA3>

Cax online generator

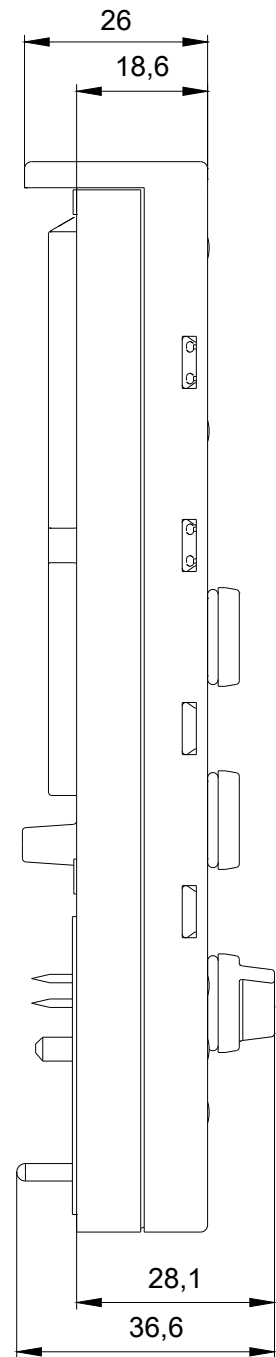
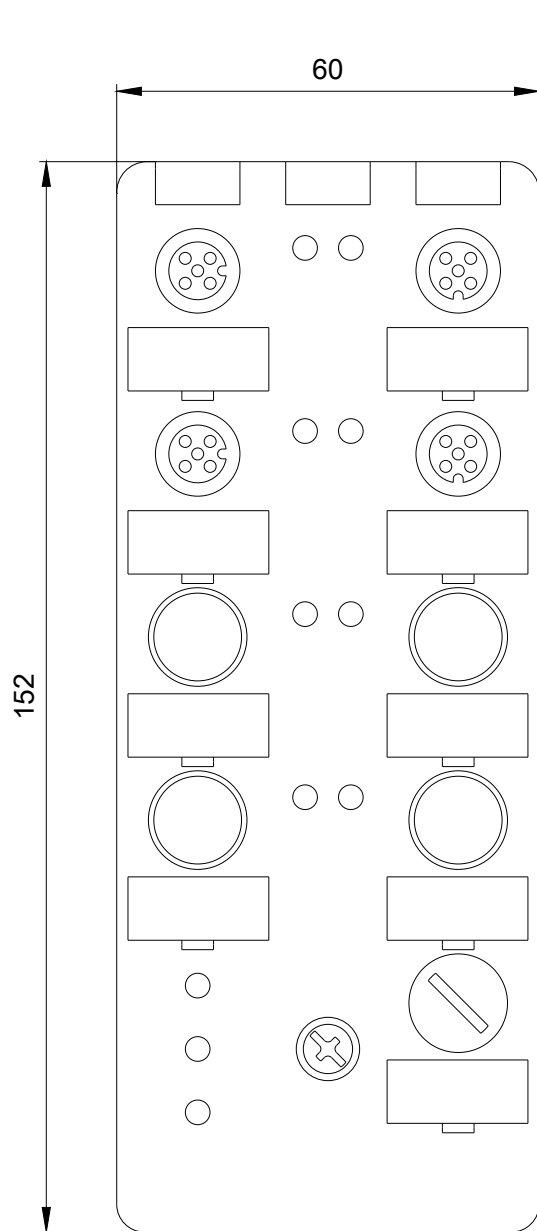
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0CQ00-0AA3>

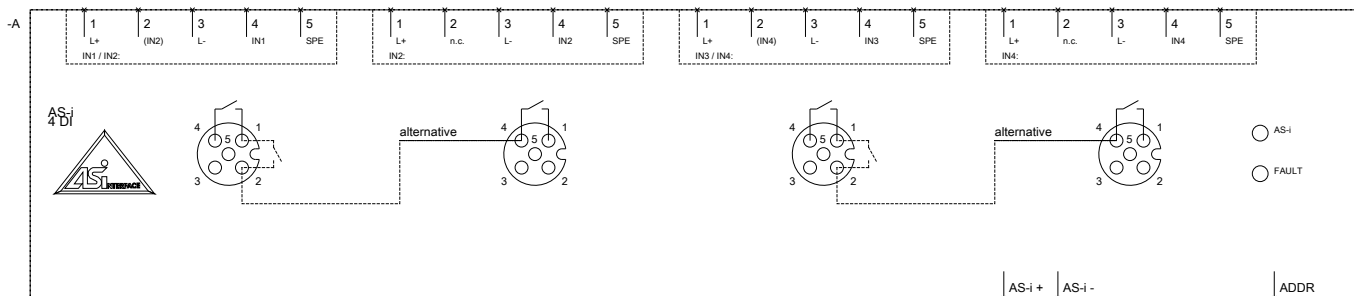
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

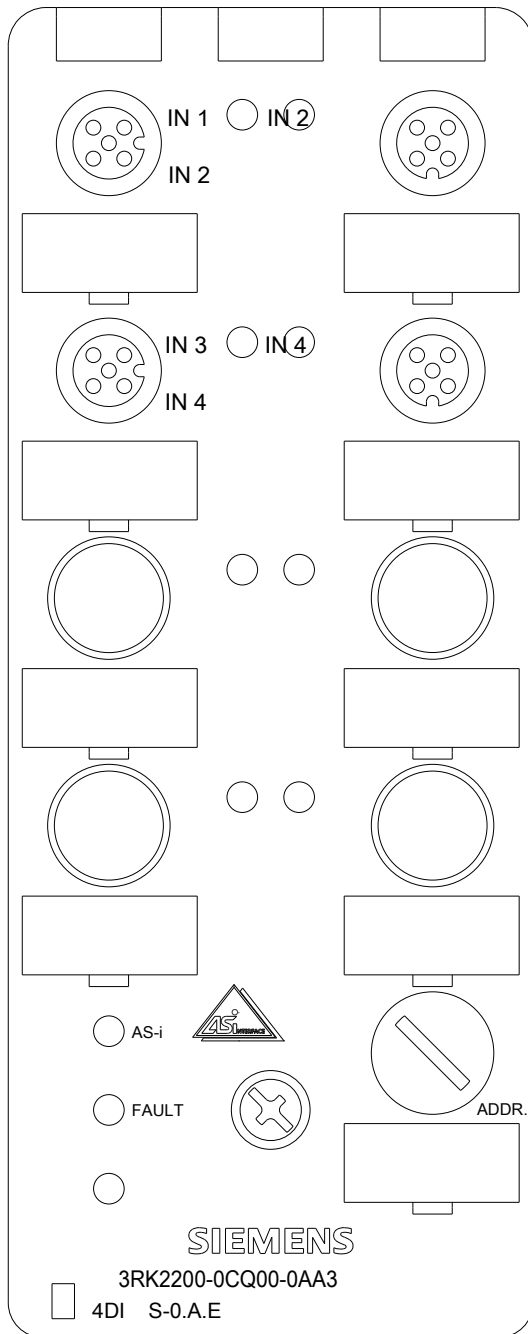
<https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0CQ00-0AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0CQ00-0AA3&lang=en







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09/24/2020