



AS-i compact module K60 digital A/B slave, 4 DQ, IP67 4 x output, 2 A 24 V DC maximal 4 A for all outputs 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 outputs
design of the slave type	A/B slave (Spec. 3.0)
I/O configuration	7
ID/ID2 code	A/7
Number I/O sockets	4
type of electrical connection of the inputs and outputs	M12 screw-type terminals
AS interface total current input max	45 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
Note 2	An external additional supply (AUX POWER) of 20 to 30 V DC is required for the supply of the output circuits. The additional supply must comply with VDE 0106 (PELV), protection class III.
Inputs	
number of digital inputs	0
Input circuit	PNP transistor
Outputs	
number of digital outputs	4
type of voltage of output voltages	DC
Outputs external power supply 24 V DC	using black AS-Interface flat cable
ampacity of the semiconductor output at DC-13 at 24 V	2 A
Outputs aggregate current max	4 A
type of switching output	PNP transistor
design of the pin assignment of the outputs	Y-II assignment
Outputs socket assignment	3 = "-", 2/4 = output, 5 = ground terminal
property of the output short-circuit proof	Yes
Outputs	
• short-circuit protection	built-in
• induction protection	built-in
• watchdog	built-in
Assignment of the data bits	
Assignment of data bits	
• socket	not assigned (closed)
• socket 2	not assigned (closed)
• socket 3	not assigned (closed)
• socket 4	not assigned (closed)
• socket 5	PIN4 = OUT1 (D0), PIN2 = OUT2 (D1)

- socket 6
- socket 7
- socket 8

PIN4 = OUT2 (D1)  
 PIN4 = OUT3 (D2), PIN2 = OUT4 (D3)  
 PIN4 = OUT4 (D3)

#### 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	green LED
• 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>fastening method</b>	standard rail mounting/wall mounting using mounting plate for K60 compact module
<b>shock resistance</b>	15g / 11 ms

#### Certificates/ approvals

General Product Approval	EMV	Maritime application
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other	Environment	Industrial Communication
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[Confirmation](#)

[Miscellaneous](#)

[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=3RK2100-1CQ00-0AA3>

##### Cax online generator

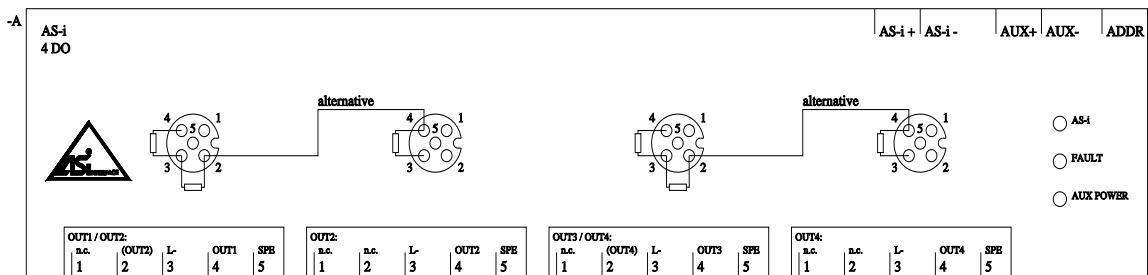
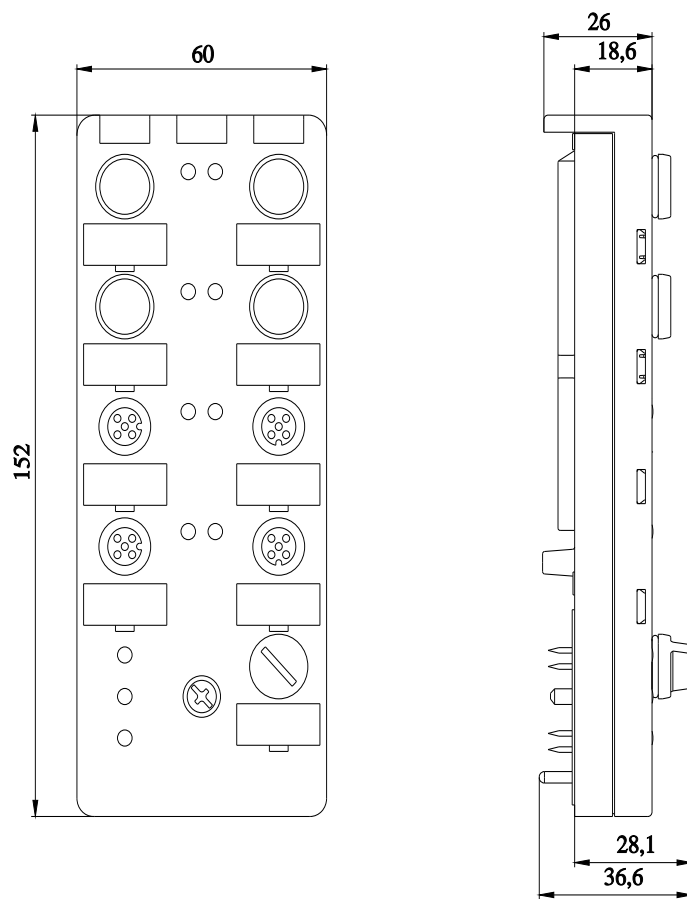
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2100-1CQ00-0AA3>

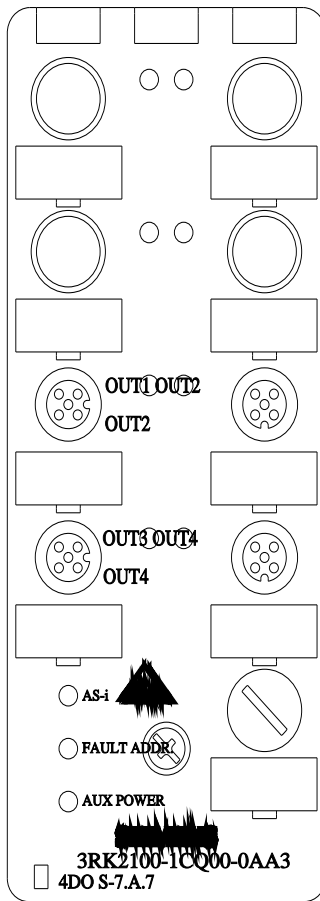
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK2100-1CQ00-0AA3>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK2100-1CQ00-0AA3&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2100-1CQ00-0AA3&lang=en)





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